

FINAL

Areas 6, 6A, 6B and DSA 1 Remedial Investigation Report Former Raritan Arsenal Edison, New Jersey

Prepared for

U.S. Army Engineering and Support Center, Huntsville



FUDS Project Number: C02NJ008403

U.S. Army Corps of Engineers, New York District

May 2021

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FUDS Project Number: C02NJ008403

U.S. Army Corps of Engineers, New York District

Contract: W912DY-09-D-0060

Task Order: 003

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Revision Summary

Revision Number	Summary of Revisions
1 (February 2021)	Revised in response to comments from New Jersey Department on Environmental Protection (NJDEP) comment letter dated 2/4/2021 (Ralph Rodrigues, NJDEP Emergency Management Program)
2 (April 2021)	Revised in response to backcheck comments in NJDEP letter dated 4/8/2021 (Ralph Rodrigues, NJDEP Emergency Management Program)
3 (May 2021)	Revised Figure 8-1 in response to backcheck comments in NJDEP letter dated 5/19/2021 (Ralph Rodrigues, NJDEP Emergency Management Program)

Executive Summary

ES.0.1 The purpose of this remedial investigation (RI) is to characterize the nature and extent of munitions and explosives of concern (MEC) and hazardous and toxic waste (HTW) related to known or documented U.S. Department of Defense (DoD) releases, and to perform human health and ecological risk evaluations for Areas 6, 6A, 6B and Dredge Spoil Area (DSA) 1 at the Former Raritan Arsenal (former Arsenal). Areas 6, 6A, and 6B encompass a total of approximately 130 acres along the east side of the former Raritan Arsenal (Figure ES-1). The land now identified as Area 6 encompasses 125 acres of marshy land southwest of Subareas 6A and 6B (Figure ES-2). Subareas 6A and 6B cover a total of 4.56 acres of land that is separated by Black Ditch, a drainage ditch that discharges into the Raritan River. DSA 1 covers 89 acres, and extends beneath the eastern side of Subarea 6, all of Subarea 6A, and an additional approximately 40 acres that extends northwest of Subarea 6A, between Subareas 6 and 6B.

ES.0.2 When originally delineated in 1963, Area 6 only consisted of the land areas that are now identified as Subareas 6A and 6B. These two areas were initially investigated because they were used as burning grounds for various ammunition components up to and including the former Arsenal closeout in 1963 (Dames & Moore, Inc. [Dames & Moore], 1993b). The third, larger subarea now identified as Area 6 was subsequently delineated because it contains impoundments, or short walls presumably designed for containment of dredge spoils from the Raritan River. The impoundments were identified through a review of historical aerial photographs, and the boundary for this area is first identified on maps prepared for the Phase II RI Work Plan (Roy F. Weston, Inc. [Roy F. Weston], 1993). DSA 1 lies within the limits of the dredge disposal areas shown on historical maps, and was reportedly filled with dredge material from the Raritan River channel boundary between approximately 1940 and 1956. Because Raritan River dredging operations included dredging the river bottom in front of the former Arsenal dock, which according to historical reports contained MEC, the dredge spoils disposed in DSA 1, within Areas 6 and 6A, was thought to potentially contain MEC (Weston Solutions, Inc. [Weston], 2007).

ES.0.3 No MEC items were identified during previous investigation of Areas 6, 6A, and 6B. Previous MEC inspections focused primarily on Subareas 6A and 6B, the former burning grounds. On three separate occasions portions of Subareas 6A and 6B were disked to 6 inches and searched and cleared of ordnance material. During the 1963 Letterkenny Army Depot (LEAD) decontamination study, Subareas 6A and 6B were cleared by LEAD with rakes, and subsequently recommended for unrestricted use. A visual inspection with spot checks using an ordnance detector conducted in 1988, in preparation for advancement of soil borings, yielded no ordnance (O'Brien & Gere, Inc. [O'Brien & Gere], 1989). However, during a clearance investigation performed for Dames & Moore in 1991/1992, some inert ordnance components, including three bomb vanes and several small ordnance fragments, were discovered in the southern portion of Subarea 6A (Dames & Moore, 1993b). In 1993, 805 anomalies were identified during geophysical investigation of four 100-foot by 50-foot subareas in and around Subareas 6A and 6B. Two of the subareas were located within Subarea 6A, one was located in Subarea 6B, and one was located within DSA 1 between Subareas 6A and 6B (Figure ES-2). Intrusive investigation of 200 anomalies (approximately 25 percent) identified only inert munitions components (bomb fins).

ES.0.4 There are no documented spills or known disposal-type releases of munitions constituents (MC) or HTW associated with DoD activities that occurred within Areas 6, 6A, 6B, and DSA 1. However, non-DoD releases did occur within Subarea 6A, which was used by a non-DoD former sulfuric acid manufacturing plant (LaPlace, Inc.), constructed in 1966 and demolished, with land cleared, in 1997. An initial evaluation of Subareas 6A and 6B in 1988 (O'Brien & Gere, 1989) included collection of three surface and nine subsurface soil samples and analysis for volatile organic compounds (VOCs), metals, and explosives. Arsenic was detected at a concentration exceeding the New Jersey Department of Environmental Protection (NJDEP) residential cleanup criterion in one subsurface soil collected from Subarea 6A. No other constituents were detected at concentrations exceeding NJDEP cleanup criteria.

ES.0.5 In 1992, surface and subsurface soil samples were collected from 20 soil borings in Subarea 6A and four soil borings in Subarea 6B, and surface water and sediment samples were collected from three locations in Subarea 6A for the Phase I RI (Dames & Moore, 1993). Samples were analyzed for VOCs, semivolatile organic compounds (SVOCs), metals, and explosives. Surface water and sediment samples were also analyzed for pesticides. Metals (arsenic, cadmium, and lead) detected in samples collected from multiple locations were the only constituents detected at elevated concentrations in soil samples. The explosive compounds nitroglycerin and pentaerythritol tetranitrate (PETN) were detected in one surface water sample, and one sediment sample contained the pesticide dichlorodiphenyl trichloroethane (DDT) at a concentration exceeding the screening criterion. No other VOCs, SVOCs, metals, explosives, or pesticides were detected at concentrations exceeding screening criteria in surface water or sediment samples.

ES.0.6 Data collected from more than 68 additional soil samples, 29 surface water, and 19 sediment samples were collected from Areas 6, 6A, and 6B in 1994 for the Phase II RI. The samples were analyzed for various parameters, including VOCs, SVOCs, pesticides, polychlorinated biphenyls (PCBs), and metals. Analytical results indicated that concentrations of detected constituents were generally consistent across Areas 6, 6A, and 6B, and not suggestive of a DoD source area.

ES.1 Munitions and Explosives of Concern Investigation Summary

ES.1.1 For this RI, a MEC investigation was performed across DSA 1 to evaluate the presence of MEC (Figure ES-3). Digital geophysical mapping (DGM) transects were conducted along 3-meter-wide transects spaced at 80-meter intervals within DSA 1. In addition, a series of 1-meter-wide transects spaced at 3-meter intervals was placed across an area of potential pits identified between Areas 6 and 6A on a 1963 aerial photograph and identified in the 1993 archival search (Dames & Moore, 1993). A geostatistical analysis was performed on the anomalies detected to map anomaly densities and identify any clustering of metallic items.

ES.1.2 A total of 318 anomalies potentially representing MEC/material potentially presenting an explosive hazard (MPPEH) were identified from the DGM survey along the transects at DSA 1. Based on the statistical assessment performed, 205 of 318 anomalies were investigated to confirm if the anomalies were related to MEC/MPPEH, with the addition of four anomalies related to quality control seed items. Munitions debris was recovered from 6 anomaly locations at DSA 1 at depths between 3 and 10 inches below ground surface (bgs). Items included thin-walled rifle grenades (one each at three locations), one rifle grenade body and scrap, rifle grenade flares (seven at one location, expended, no filler), and one expended grenade fuze. All items were certified as material documented as safe (MDAS). The remainder of the sources of anomalies investigated at DSA 1 were non-munitions-related items. Further details are provided in the report and Appendix G.

ES.1.3 MC sampling was not performed because no breached or degraded MEC items were recovered.

ES.2 Hazardous and Toxic Waste Nature and Extent Investigation Summary

ES.2.1 In 1994 and 2005, environmental investigations performed related to MC and HTW included the analysis of soil, sediment, and surface water samples collected at Areas 6, 6A, and 6B for parameters including VOCs, SVOCs, dioxins and furans, pesticides, PCBs, metals, and explosives. Isolated detections of SVOCs, metals, dioxins/furans, and heptachlor epoxide above their respective screening levels were identified in soil samples, and trichloroethene, SVOCs, dioxins and furans, Aroclor-1260, and metals were detected in sediment and/or surface water above their respective screening levels. Results of

ecological and human health risk assessments indicate the potential risk for these constituents in surface, subsurface soil, sediment, and surface water are within the U.S. Environmental Protection Agency's acceptable cancer risk management range of 1 to 100 in a million (1×10^{-6} to 1×10^{-4}) and below a target organ hazard index (HI) of 1 for current/future receptors.

ES.2.2 A quantitative risk assessment was conducted using the existing MC and HTW data collected in 1994 and 2005. Detections of MC were evaluated against facility-wide levels and background concentrations to quantify the potential risk associated with soil, sediment, and surface water at Areas 6, 6A, and 6B. Soil sampling performed at DSA 1 indicated that MC was not detected at concentrations that would suggest a release.

ES.3 Human Health Risk Assessment Summary

ES.3.1 A baseline human health risk assessment (HHRA) was conducted as part of this RI for Areas 6, 6A, and 6B and DSA 1 to estimate the potential risks to human receptors associated with exposures to constituents detected in surface soil (0 to 2 feet bgs), subsurface soil (2 to 7.7 feet bgs), surface water, and sediment within Areas 6, 6A, 6B, and DSA 1. The potential receptors evaluated in the HHRA included current/future maintenance workers and future recreational users/trespassers, industrial workers, construction workers, and hypothetical residents. Potential exposures to soil through ingestion, dermal contact, and inhalation were estimated for all receptors. Additionally, potential exposures to surface water and sediment through ingestion and dermal contact were evaluated for recreational users/trespassers.

ES.3.2 Potential cancer risks and non-carcinogenic hazards were estimated for constituents identified as chemicals of potential concern (COPCs) in each exposure medium. Additionally, background-related risks were calculated for the soil inorganic COPCs to determine the potential risks attributable to background rather than a DoD-release. The estimated site excess lifetime cancer risks (ELCRs) were less than the upper-end (1×10^{-4}) of EPA's acceptable risk range and the estimated site hazard indices (HIs) for each target organ were less than or equal to EPA's threshold of 1 for potential maintenance workers, recreational users/trespassers, industrial/commercial workers, and construction/utility workers. For a residential scenario, the estimated site ELCR for surface soil exceeded the upper-end (1×10^{-4}) of EPA's acceptable risk range and the estimated HIs for surface and total soil exceeded EPA's threshold of 1. The ELCR and HI exceedances were primarily from arsenic in site soil. Arsenic concentrations in site soil were not statistically greater than background concentrations, based on the results of a two-sample randomization (permutation) test. After removing the background contributions for arsenic in site soil, the estimated ELCRs and HIs are within acceptable levels for a residential scenario. Therefore, no constituents of concern (COCs) attributable to a DoD release were identified for soil, sediment, or surface water at Areas 6, 6A, 6B and DSA 1.

ES.4 Ecological Risk Assessment Summary

ES.4.1 A baseline ecological risk assessment (BERA) addendum was not completed to evaluate the potential for ecological risk from DoD-related activities at Areas 6, 6A, and 6B because the site was previously evaluated as part of the Red Root Creek and Black Ditch drainage systems during the sitewide BERA (Weston, 2008). The sitewide BERA results did not indicate any site-related potential for ecological risk associated with Areas 6, 6A, and 6B. Accordingly, no further evaluation is recommended.

ES.5 MEC Risk Management Methodology Evaluation

ES.5.1 Human health risk due to the possible presence of MEC at Area 6, 6A, 6B, and DSA 1 was evaluated using the MEC Risk Management Methodology at Formerly Used Defense Sites. Using this methodology, the overall risk for the site was deemed acceptable, based on a combination of low

likelihood of encountering MEC, low severity of unintentional MEC detonation, and modest likelihood to impart energy. The modified MEC conceptual site model reflects an incomplete MEC exposure pathway for all current and future receptors.

ES.6 Conclusions

ES.6.1 Areas 6, 6A, 6B, and DSA 1 consist of predominantly undeveloped wetlands, across which multiple investigations have been conducted. No MEC were identified historically or during the recent intrusive investigation completed as part of this RI, and no DoD-related constituents were identified in soil, sediment, or surface water that pose an unacceptable risk to current and future receptors. An evaluation of the site scored the human health risk due to the possible presence of MEC at Areas 6, 6A, 6B, and DSA 1 as “Acceptable.” No further action is recommended for MEC or MC and HTW associated with Areas 6, 6A, 6B and DSA 1 based on an evaluation of the data previously collected and as presented in this RI.

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Acronyms and Abbreviations

AOC	Area of Concern
ASR	Archival Search Report
ATSDR	Agency for Toxic Substances and Disease Registry
BEQ	benzo(a)pyrene equivalent
BERA	baseline ecological risk assessment
bgs	below ground surface
BTV	background threshold value
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	<i>Code of Federal Regulations</i>
CH2M	CH2M HILL, Inc.
CHE	Chemical Warfare Material Hazard Evaluation
CMUA	Concentrated Munitions Use Area
COC	constituent of concern
COPC	constituent of potential concern
cPAH	carcinogenic polycyclic aromatic hydrocarbon
CSM	conceptual site model
DAF	dilution attenuation factor
Dames & Moore	Dames & Moore, Inc.
DDD	p,p'-dichlorodiphenyl dichloroethane
DDE	p,p'-dichlorodiphenyl dichloroethylene
DDT	p,p'-dichlorodiphenyl trichloroethane
DERP	Defense Environmental Restoration Program
DGM	digital geophysical mapping
DMM	discarded military munitions
DNT	dinitrotoluene
DoD	U.S. Department of Defense
DQO	data quality objective
DSA	dredge spoil area
ELCR	excess lifetime cancer risk
EM	Engineer Manual
EOD	explosive ordnance disposal
EODT	EOD Technology, Inc.
EPA	U.S. Environmental Protection Agency

ACRONYMS AND ABBREVIATIONS

EPC	exposure point concentration
EU	exposure unit
FBC	Federal Business Centers
FS	feasibility study
FUDS	Formerly Used Defense Site
GPS	global positioning system
GSA	General Services Administration
GSV	geophysical system verification
HHE	Health Hazard Evaluation
HHRA	human health risk assessment
HI	hazard index
HQ	hazard quotient
HTW	hazardous and toxic waste
ISO	industry standard object
IVS	instrument verification strip
LEAD	Letterkenny Army Depot
MC	munitions constituents
MD	munitions debris
MDAS	material documented as safe
MEC	munitions and explosives of concern
mg/kg	milligram(s) per kilogram
mm	millimeter(s)
MMRP	Military Munitions Response Program
MPPEH	material potentially presenting an explosive hazard
MRA	munitions response area
MRSIMS	Munitions Response Site Information Management System
mV	millivolt(s)
NA	not applicable
NFA	no further action
NJDEP	New Jersey Department of Environmental Protection
NJDOT	New Jersey Department of Transportation
O'Brien & Gere	O'Brien & Gere, Inc.
OU	operable unit
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl

PEF	particulate emission factor
PETN	pentaerythritol tetranitrate
QC	quality control
RPF	relative potency factor
RI	remedial investigation
RME	reasonable maximum exposure
Roy F. Weston	Roy F. Weston, Inc.
RSL	regional screening level
RTK-GPS	real-time kinematic global positioning system
SRS	soil remediation standard
SSL	soil screening level
SUXOS	Senior UXO Supervisor
SVOC	semivolatile organic compound
TCDD	tetrachlorodibenzo-p-dioxin
TCE	trichloroethene
TEF	toxic equivalency factor
TEQ	toxic equivalent
TNT	trinitrotoluene
TOC	total organic carbon
UCL	upper confidence level
USACE	U.S. Army Corps of Engineers
UTL	upper tolerance limit
UUTA	underwater UXO towed array
UXO	unexploded ordnance
VOC	volatile organic compound
VSP	Visual Sampling Plan
WERS	Worldwide Environmental Remediation Services
Weston	Weston Solutions, Inc.

Introduction

1.1 Purpose and Scope

1.1.1 The Former Raritan Arsenal (former Arsenal) in Edison, New Jersey, constitutes one munitions response area (MRA) that includes several areas of interest that are in various stages of investigation or remediation (Figure 1-1). CH2M HILL, Inc. (CH2M) performed a remedial investigation/feasibility study (RI/FS) that was focused on Areas 1, 6, 6A, 6B, 9, 10, 11, 12, 13, 16, 18D, 19, and Dredge Spoil Areas (DSAs) 1 through 6 at the former Arsenal (Tables 1-1 and 1-2).

1.1.2 The purpose of this RI is to characterize the nature and extent of munitions and explosives of concern (MEC) and hazardous and toxic waste (HTW) related to known or documented U.S. Department of Defense (DoD) releases, and to provide human health and ecological risk assessments for Areas 6, 6A, 6B, and DSA 1 at the former Arsenal (Figure 1-2). Areas 6, 6A, and 6B are located in the southeastern portion of the former Arsenal, and consist of a former impoundment area (Subarea 6) and former burning grounds (Subareas 6A and 6B). DSA 1 lies within the limits of the dredge disposal areas shown on historical maps, and was reportedly filled with dredge material from the Raritan River channel boundary between approximately 1940 and 1956. Because Raritan River dredging operations included dredging the river bottom in front of the former Arsenal dock, which according to historical reports contained MEC, the dredge spoils disposed in DSA 1, extending beneath Areas 6 and 6A, may also contain MEC (Weston Solutions, Inc. [Weston], 2007).

1.1.3 Munitions constituents (MC) and HTW data collected during historical investigations at Areas 6, 6A, and 6B beginning in 1988 (Table 1-3) indicated that detections of polycyclic aromatic hydrocarbons (PAHs) and metals at concentrations that exceed background concentrations or U.S. Environmental Protection Agency (EPA) regional screening levels (RSLs) are generally widespread across Areas 6, 6A, and 6B at similar concentrations that cannot be directly attributed to DoD-related activities. Additionally, the majority of Areas 6, 6A, and 6B is estuarine environment that was evaluated in the baseline ecological risk assessment (BERA; Weston, 2008) as part of the Red Root Creek and Black Ditch drainage systems. The BERA concluded that, with few exceptions, there were no significant impacts to ecological receptors evaluated within estuarine environments located on the former Arsenal.

1.1.4 Because no focused MEC investigations were historically performed outside of the former burning grounds (Subareas 6A and 6B), additional investigation was required to define the nature and extent of MEC associated with the previously defined extent of dredge spoils (Roy F. Weston, Inc. [Roy F. Weston], 1997) that lie beneath a portion of Area 6, all of Subarea 6A, and much of the land area between Area 6 and Subarea 6B (Subarea 6B is not known to be underlain by dredge deposits). An intrusive investigation of geophysical anomalies was completed in 2014 to address this data gap. This document provides the results of investigations conducted at Areas 6, 6A, 6B, and DSA 1, and includes assessment of MC in soil, sediment, and surface water and a MEC risk evaluation using the January 3, 2017 Trial Period for Risk Management Methodology at Formerly Used Defense Sites (FUDS) Military Munitions Response Program (MMRP) Projects. The RI is supplemented with a quantitative human health risk assessment (HHRA) using existing MC and HTW data collected in 1994 and 2005.

1.1.5 The RI was performed under the Defense Environmental Restoration Program for FUDS. This document was prepared in accordance with the Performance Work Statement, Revision 2, dated September 28, 2014, for the U.S. Army Engineering and Support Center, Huntsville, Alabama, as part of Contract Number W912DR-09-D-0060, Task Order 003, and the U.S. Army Corps of Engineers (USACE) New York and New England Districts using Data Item Description Worldwide Environmental Remediation Services (WERS)-001, USACE Engineer Regulation 200-3-1 (USACE, 2004), the June 2007

USACE Engineer Manual (EM) 1110-1-4009 (USACE, 2007), USACE EM 385-1-1 (USACE, 2008a), USACE EM 385-1-97 (USACE, 2008b), and DoD Manual 4715.20 (DoD, 2012), and in accordance with the *Remedial Investigation/Feasibility Study Work Plan, Former Raritan Arsenal, Edison, New Jersey* (RI/FS Work Plan, Final (Revision 3; CH2M, 2016).

1.2 Property Description

1.2.1 The former Arsenal is located in Middlesex County, New Jersey, on the north bank of the Raritan River. Most of the land area lies within Edison Township; a small portion lies within Woodbridge Township. The former Arsenal is bordered to the north and northwest by Woodbridge Avenue, to the southwest by Mill Road, and to the south and east by the Raritan River (Figure 1-1).

1.2.2 Areas 6, 6A, and 6B encompass a total of 130 acres along the east side of the former Raritan Arsenal. The land now identified as Area 6 encompasses 125 acres of marshy land separate from and southwest of Subareas 6A and 6B. Subareas 6A and 6B cover a total of approximately 4.56 acres of land that is separated by Black Ditch, a drainage ditch that discharges into the Raritan River. DSA 1 covers approximately 89 acres, and extends beneath the eastern side of Area 6, all of Subarea 6A, and an additional approximately 40 acres between Areas 6 and 6A that extend west of Area 6 and northwest of Subarea 6B (Figure 1-1). Almost all of the land in Areas 6, 6A, and 6B is undeveloped marsh, with the exception of the demolished remnants of a sulfuric acid plant formerly located in Subarea 6A, which is currently a shipping facility parking lot.

1.2.3 When originally delineated in 1963, Area 6 consisted only of the land areas that are now identified as Subareas 6A and 6B. These two areas were investigated because they were used as burning grounds for various ammunition components up to and including the former Arsenal closeout in 1963 (Dames & Moore, 1993b). The third, larger subarea now identified as Area 6 was delineated because it contains impoundments, or short walls presumably designed for containment of dredge spoils from the Raritan River. The impoundments were identified through a review of historical aerial photographs, and the boundary for this area is first identified on maps prepared for the Phase II RI Work Plan (Roy F. Weston, 1993). DSA 1 lies within the limits of the dredge disposal areas shown on historical maps, and was reportedly filled with dredge material from the Raritan River channel boundary between approximately 1940 and 1956. Historical photographs show three large areas in the southwestern portion of Area 6 that may have been used as dredge material impoundments, existing from at least 1939 to 1967 (Roy F. Weston, 1997). Because Raritan River dredging operations included dredging the river bottom in front of the former Arsenal dock, which according to historical reports contained MEC, the dredge spoils disposed in Area 6, 6A, and DSA 1 may also contain MEC (Figures 1-1 and 1-2).

1.3 Historical Information

1.3.1 Former Arsenal

1.3.1.1 The former Arsenal was initially developed to facilitate military shipments during World War I (Weston, 2007). The land purchased for development of the former Arsenal consisted of approximately 2,100 acres of tidal marsh, quarries, and farmland. The War Department assumed control of the land in December 1917, and arsenal construction was underway by the beginning of 1918. Ordnance was first received at the former Arsenal during the early phases of construction. On May 2, 1918, the former Arsenal was declared operational. Military facilities at the former Arsenal included magazines, a railway network, locomotive houses, docks, warehouses, assembly and process buildings, administration buildings, storage buildings, and living quarters.

1.3.1.2 The principal function of the former Arsenal was to store, handle, and ship various classes of ordnance and military supplies. Other activities and missions included:

- Assembly of automobiles, trucks, tanks, and motorized artillery
- Preservation, renovation, and manufacture of munitions
- Salvaging, linking, belting, clipping, packing, demilitarizing, and maintaining ammunition
- Requisition, research, and development of ordnance
- Military supply chain management
- Troop training

1.3.1.3 In March 1961, DoD announced the proposed disposition of the former Arsenal. A decontamination study of the former Arsenal was conducted in 1963 as part of the decommissioning process. The study was begun under the direction of Arsenal personnel and was completed under the direction of personnel from Letterkenny Army Depot (LEAD) and the Army Materiel Command Safety Office. During this study, LEAD identified 17 areas within the former Arsenal as potentially contaminated by ordnance-related activities (Dames & Moore, 1993a). Subareas 6A and 6B were identified as Area 6 at this time. Standard operating procedures for decontaminating the original 17 areas were prepared, approved by the Safety Branch, and carried out during closure of the former Arsenal. Decontamination of the 17 areas was completed in October 1963. Other investigation areas were identified during investigations performed after the initial 1963 decontamination inspection.

1.3.1.4 In 1964, the General Services Administration (GSA) began selling off the Arsenal property. At the time of the disposition announcement, the Arsenal had expanded to approximately 3,200 acres, with approximately 440 buildings and more than 62 miles of roads and railways. Since closure, the former Arsenal has been redeveloped extensively, primarily for commercial and industrial uses, especially in the northern portion of the facility.

1.3.2 Area 6

1.3.2.1 Based on historical aerial photographs, three large areas extending along the Area 6 overlap with DSA 1 were identified as potential impoundments, existing from at least 1939 to 1967. The photographs indicated the presence of walls (or dikes) a few feet high, suggesting designed containment. These Area 6 historical impoundments have been observed during field efforts as low-rising mounds of fill soil. The actual purpose of these impoundments is unknown, but based on information obtained from the Archival Search Report (Dames & Moore, 1993b), this area received relocated fill material from other Raritan Center locations (specifically, 100 and 200 Fernwood and Northfield Avenues) and dredge material from the Raritan River (Figure 1-2).

1.3.3 Subareas 6A and 6B

1.3.3.1 Historical records report that portions of Subareas 6A and 6B were used as burning grounds for demilitarization of ammunition components. Interviews conducted during the compilation of the Archival Search Report (ASR) indicated that from 1941 to 1948 these areas may have also been used as a burning ground for explosives. Historical records do not state specifically when or where the burning took place, but aerial photographs from the 1950s and 1960s show more intensive use of Subarea 6A than 6B, and two pits in the photographs appear less than 100 yards beyond the southwest boundary of Area 6A (Dames & Moore, 1993a).

1.3.3.2 In 1966, after the disposition of all former Arsenal property by the U.S. Army, a sulfuric acid manufacturing plant was constructed on Subarea 6A by Laplace, Inc. Reportedly, there were numerous spills from this production unit, and evidence of past spills included sulfur staining on the ground surface and stressed vegetation around the former plant (Roy F. Weston, 1997). The facility was shut down and demolished in 1997, except for some remaining structures that are now used for a shipping facility parking lot. The remainder of the subarea is undeveloped marshland (Roy F. Weston, 1997).

1.3.3.3 In addition to reported previous use as burning grounds described above, Subarea 6B is characterized by the presence of mounds of soil that are reported to be dredge material from Black Ditch, or soil related to FBC construction activities within the Raritan Center Industrial Park. Pieces of asphaltic concrete have also been observed in and around these mounds. Distribution of these mounds in Subarea 6B falls roughly into two clusters, generally, aligned between the northern border of Black Ditch and East Patrol Road.

1.3.4 DSA 1

1.3.4.1 DSA 1 was established by USACE in April 2012 during development of the RI/FS Work Plan (CH2M, 2016) as previous investigation data and historical reports documented the presence of fill material across various areas of the former Arsenal that appear to be dredge spoils from the Raritan River (Weston, 2002). For purposes of the investigation, USACE divided the DSA into six individual areas, identified as DSAs 1 through 6 (Figure 1-1). Boundaries between the DSAs on the former Arsenal were defined based on a review of subsurface data collected during previous investigations and other physical observations (Weston, 2002).

1.3.4.2 According to Weston (2002), “A 300-foot wide, 25-foot-deep channel has historically been maintained by USACE from Raritan Bay upriver to immediately downstream of the former Arsenal.” A section of the river approximately adjacent to Area 6 and downstream of the former dock at Area 13 was dredged to maintain a turning basin, which vessels used for turning around in the channel after picking up supplies from the former Arsenal. The early (pre-1933) dredge channel continued upstream beyond and immediately adjacent to the former Arsenal, whereas more recent dredging activities (World War II era to 1993) were focused on maintaining a channel downstream of the turning basin toward Raritan Bay. Records indicate that the area adjacent to the former dock in Area 13 was dredged at least once in late 1944, but the channel in this area was likely maintained by dredging throughout the World War I and World War II eras (Weston, 2002). Additionally, in 1975, USACE increased the depth of the channel at this location by approximately 14 feet by dredging (Weston, 2002).

1.3.4.3 The records state that dredge spoils were disposed of within a portion of the facility referred to as Area G, which encompassed Area 14 as well as a portion of Area 6, Area 12, and the land area between Areas 6, 11, and 16 (Figure 1-1). In 1975, when USACE increased the depth of the Raritan River adjacent to Area 13, the dredge spoils were most likely placed within Areas 11, 12, 14, or an 8-acre parcel of land located within the northeast portion of DSA 5 (Figure 1-1) (Weston, 2002).

1.3.4.4 The primary source of munitions in the Raritan River is from items lost or dumped in the Raritan River near the Area 13 pier loading area (Dames & Moore, 1993b). In theory, items may have been spilled into the river and subsequently lodged within river sediments during the unloading and loading of cargo ships, or possibly as a result of cargo shifts (Figure 1-3). Additionally, the ASR (Dames & Moore, 1993b) indicates that an ammunition barge, the Frederick Star #9, sank at the Raritan pier on December 12, 1926 (Dames & Moore, 1993b). The barge carried “33,282 pounds of 75-millimeter (mm) shrapnel and 3,600 3-inch anti-aircraft projectiles” (Dames & Moore, 1993b). A recovery effort was performed, and on February 2, 1927, the Chief of Ordnance directed the Arsenal to inspect every box of ammunition retrieved from the sunken Frederick Star #9 to ensure that they had remained airtight.

1.3.4.5 On February 4, 1927, the Arsenal notified the Chief of Ordnance that the “salvage of 75-mm rounds from the sunken barge was half completed” and that “the recovered rounds were in good shape after being submerged for approximately 3 weeks. Most of the rounds retrieved were still packed in their boxes; however, at least 26 rounds were discovered to be loose” (Dames & Moore, 1993b). The ASR did not locate a final report that indicated whether all of the ammunition on the sunken Frederick Star #9 was recovered.

1.3.4.6 MEC within Areas 6, 6A, and DSA 1 and would most likely have been placed by the disposal of dredged material from the Raritan River potentially containing munitions items or by direct burial for disposal of munitions items.

1.4 Previous Investigations

1.4.1 Previous investigations conducted at Areas 6, 6A, and 6B are summarized in Table 1-3; details pertaining to the investigations are provided in Section 3, *Site Characterization*.

Physical Characteristics of the Study Area

2.0.1 This section presents the physical characteristics of Areas 6, 6A, and 6B, and discusses the land use, surface features, geology, hydrogeology, and ecology associated with this area. Although historical investigations were conducted primarily within Areas 6, 6A, and 6B, the physical characteristics described also apply generally to DSA 1.

2.1 Land Use

2.1.1 Areas 6, 6A, and 6B encompass a total of 130 acres in the eastern portion of the former Arsenal. Area 6 is predominantly undeveloped and is characterized by wetlands. The only development is the demolished remnants of the LaPlace, Inc. sulfuric acid manufacturing plant in Subarea 6A. Currently, this area is used as a parking lot, and the area may be suitable for future development.

2.2 Surface Features

2.2.1 The land surface across Areas 6, 6A, and 6B is predominately flat, but gently slopes to the southeast toward the Raritan River and locally toward the surface water drainages. Red Root Creek, which runs through Area 6, and Black Ditch, which runs between Subareas 6A and 6B, are the major drainage pathways in this portion of the former Arsenal. Red Root Creek and Black Ditch originate farther upstream, drain the surface runoff from Area 6, 6A, and 6B, and receive stormwater runoff from major portions of Raritan Center. Land surface elevations in Area 6, 6A, and 6B range from approximately +2 to +12 feet above mean sea level.

2.3 Geology

2.3.1 The geology beneath the former Arsenal is characterized by an overburden layer composed of unconsolidated sediments and underlain by bedrock consisting of shales, metamorphosed shales, and an igneous diabase sill. Weston created a geological conceptual site model (CSM) that subdivided the overburden and bedrock geology at the former Arsenal into six stratigraphic units: two bedrock units and four overburden units. From oldest to most recent, the units are identified as the Passaic Formation, the Palisades Sill, the Weathered Bedrock Group, the Lower Sand, the Meadowmat Formation, and the Upper Sand (Weston, 1996).

2.3.2 The unconsolidated overburden ranges from approximately 10 to 80 feet thick across the former Arsenal. The overburden is composed of an upper layer (the Upper Sand) comprising either general fill material, disposed dredge spoils, or reworked native soils, which are separated from the Lower Sand and bedrock units by a layer of the Meadowmat unit, composed of organic rich clay and silt with interbedded sands. The Upper Sand unit typically ranges from 2 to 10 feet thick, but can be up to 33 feet thick near the Raritan River (Weston, 1996).

2.3.3 Geologic cross-sections were completed for the Phase II RI (Roy F. Weston, 1997) and are shown on Figures 2-1 and 2-2. The Upper Sand unit is encountered across Area 6 and varies in thickness from less than 1 foot to as much as 10 feet. Soil borings indicate this unit consists of brown, gray, tan, and black, poorly graded sand, with varying percentages of silt and gravel. The fill appears to be reworked natural soil and/or deposited river dredge material associated with past cut and fill operations. Groundwater is encountered within the Upper Sand unit at Area 6, and at some locations before natural soil is encountered (Roy F. Weston, 1997).

2.3.4 At two locations the soil encountered at the surface was identified as the Meadowmat unit; however, it is sometimes difficult to distinguish the upper sand soil from dredge spoils and from the Meadowmat unit. For example, the Black Ditch Mounds, which are composed of dredge material placed along Black Ditch, were classified as Upper Sand.

2.3.5 The Meadowmat unit was observed at surface in two locations and ranged in thickness from 4.5 to 33.5 feet, thickening from northwest to southeast, toward the river. Soil borings indicate this unit consists of brown to dark gray sandy silt, with varying amounts of clay and organic material (Roy F. Weston, 1997).

2.3.6 The Lower Sand unit was observed in the borings for monitoring wells at Areas 6, 6A, and 6B. The lower sand unit consists of orange-brown to reddish-brown, tan, gray, and black well-graded (coarse to fine) sand with varying amounts of silt and gravel. Iron-staining and thin layers of interbedded silts and clays were also noted. The Lower Sand unit ranges in depth from approximately 7 to 58 feet below ground surface (bgs) across the former Arsenal, and has a maximum thickness greater than 39 feet (Roy F. Weston, 1997).

2.3.7 The Weathered Bedrock Group at Areas 6, 6A, and 6B was encountered at five monitoring well locations (MW-96 A/C, MW-97B, MW-98B, and MW-99B; see Figure 2-2). In this area of the former Arsenal, the unit consists of a very stiff, dark gray and white, fat clay and silt, with sand, becoming stiffer and more friable with depth. The unit occurs across the site at a depth of approximately 26 feet in the northwest. Thickness of the unit varies from 6.3 to 10.4 feet, and thins from northwest to southeast, toward the river (Roy F. Weston, 1997).

2.3.8 Competent bedrock of the Palisades Sill was encountered in the boring for well MW-96C (Figure 2-2) at a depth of 62.5 feet. The bedrock unit was described as a black to gray diabase with few natural fractures. Remnant fractures were evident based on secondary mineralization (pyrite, quartz, epidote) that has filled them (Roy F. Weston, 1997).

2.4 Hydrogeology and Water Use

2.4.1 The hydrogeology beneath the former Arsenal is characterized by overburden and bedrock aquifers. Groundwater within both the overburden and bedrock aquifers flows generally southeastward toward the Raritan River. The depth to shallow groundwater in the former Arsenal overburden ranges from 2 to 30 feet bgs, and the saturated portions of this unit are relatively thin and discontinuous (Weston, 1996). In the southern marsh areas such as Areas 6, 6A, and 6B, the shallow groundwater can be within 2 feet of the ground surface (Weston, 2008).

2.4.2 At Areas 6, 6A, and 6B, the direction of groundwater flow within the Lower Sand, where the majority of wells are screened, is southeast, consistent with sitewide observations. Depth to groundwater varies generally between 2 feet bgs and 4 feet bgs. Groundwater elevations measured for the Phase II RI ranged from -2.95 to +2.92 feet above mean sea level (Roy F. Weston, 1997). A groundwater contour map is provided on Figure 2-3.

2.4.3 Groundwater at Raritan Center is not used for drinking because it does not meet drinking water standards, primarily because of its natural salinity and iron, manganese, and sulfate concentrations. Public water supplies, provided by Middlesex Water Company through surface water and other groundwater supplies, are available for future development, and the water lines at the Raritan Center have been constructed in sizes to accommodate full development. Based on a review of water use information found in the New Jersey Department of Environmental Protection (NJDEP) Bureau of Water Allocation files for all wells within 2- and 5-mile radii of the facility, conversations with the Edison Health Department, and a supplemental field reconnaissance survey, there are no human receptors for the shallow groundwater at the former Arsenal. The Management Action Plan for the former Arsenal states

that, based on conversations with the Edison Health Department, an industrial laundry service is the sole user of bedrock groundwater at the former Arsenal (Weston, 2007).

2.5 Ecology

2.5.1 The majority of Area 6 is composed of estuarine emergent wetlands with a smaller portion of disturbed old field habitat. Subarea 6A is composed of almost all disturbed old field with a small area of estuarine emergent wetlands. Subarea 6B consists entirely of estuarine emergent wetlands (Figure 2-4). Based on the proximity of Areas 6, 6A, and 6B to the Raritan River, the tidal wetlands in this area are classified as estuarine emergent, even though they are seldom inundated by the tide because of the dikes along the river and tide gates that restrict and/or eliminate tidal flows. Areas 6, 6A, and 6B wetlands are dominated by common reed (*Phragmites australis*), with small stands of saltmarsh cordgrass (*Spartina alterniflora*).

2.5.2 Portions of Areas 6 and 6A consist of disturbed old field habitat. The old field habitats in the southern areas of the former Arsenal occur mostly where historical dredge material has been placed as fill and the areas now exhibit upland characteristics. These disturbed old field areas are dominated by grasses such as little bluestem (*Andropogon scoparius*), India grass (*Sorghastrum nutans*), and common reed (*Phragmites australis*), with some of the areas supporting woody vegetation, such as young gray birch (*Betula populifolia*) and staghorn sumac (*Rhus typhina*).

Site Characterization

3.0.1 This section presents the results of field investigations previously conducted at Areas 6, 6A, and 6B, including both the MEC investigations (Section 3.1) and investigations designed to delineate potential impacts related to MC and/or HTW (Section 3.2). The investigations completed through 2007 at Area 6, 6A, and 6B are listed in Table 1-3. Sample locations are shown on Figure 3-1. Section 3.3 provides an evaluation of the nature and extent of MC and HTW based on data obtained from historical investigations. The CSM is provided in Section 4, the current investigation is provided in Section 5, and the HHRA is provided in Section 6.

3.1 Munitions and Explosives of Concern

3.1.1 MEC investigations completed for Areas 6, 6A, and 6B between 1963 and 1993 are summarized in the following sections.

3.1.1 1963 LEAD Investigation

3.1.1.1 In 1963, Subareas 6A and 6B were identified by LEAD as one of 17 areas within the former Arsenal that were potentially contaminated by ordnance-related activities based on their use as burning grounds. These areas were disked to a depth of 6 inches bgs on three separate occasions, and then searched by LEAD personnel using hand rakes to clear the areas of ordnance material. The area (identified as Area 6) was recommended for unrestricted use. The GSA transferred this area in deed in 1965 to Federal Storage Warehouses with no restrictions (O'Brien & Gere Engineers, Inc. [O'Brien & Gere], 1989).

3.1.2 1989 O'Brien & Gere Contamination Evaluation

3.1.2.1 O'Brien & Gere conducted a site reconnaissance of Subareas 6A and 6B as part of a 1987/1988 contamination evaluation of the former Arsenal. A MEC survey (using a magnetometer) was conducted by UXB at the time, and it was reported that this survey did not detect any near-surface MEC (O'Brien and Gere, 1989).

3.1.3 1992 Phase I Remedial Investigation

3.1.3.1 A search for unexploded ordnance (UXO) in Subareas 6A and 6B performed prior to collection of subsurface samples for the Phase I RI, resulted in the discovery of minor components of inert ordnance. Three bomb vanes and several miscellaneous fragments were found on the south side of Subarea 6A. No other ordnance was detected (Dames & Moore, 1993b).

3.1.4 1993 Ordnance and Explosive Waste Location and Removal at the Former Raritan Arsenal

3.1.4.1 In 1993, 805 anomalies were identified during geophysical investigation of four 100-foot by 50-foot subareas (6A1, 6A2, 6B, and 6C; see Figure 3-1). Intrusive investigation of 200 anomalies (approximately 25 percent) identified only inert munitions components (bomb fins) (EOD Technology, Inc. [EOD], 1993).

3.1.5 1994 Phase II Remedial Investigation

3.1.5.1 During a Phase II RI that involved the installation of numerous monitoring wells and soil borings, neither UXO nor other MEC-related materials were encountered. One soil boring location was moved

because of the detection of a subsurface magnetic anomaly at 4 feet bgs, but it was not determined whether that anomaly was caused by buried metal waste, MEC, or naturally occurring elements (Roy F. Weston, 1997).

3.2 MC and HTW Investigations

3.2.1 This section provides a summary of the investigation history of MC and HTW in Areas 6, 6A, and 6B. There are no documented spills or known disposal-type releases of MC or HTW associated with DoD activities that occurred within Areas 6, 6A, 6B, and DSA 1. MC has the potential to have been released to the environment at Areas 6, 6A, and 6B due to the possible presence of MEC in the dredge spoils or due to DoD activities associated with the burning grounds. MC-related impacts from the MEC in dredge spoils are expected to be located within the dredge spoils due to the potential deterioration and breaching of MEC items over time. In this case, the MC-related impacts are expected to be directly associated with the MEC items. MC and/or HTW associated with historical burning activities are expected to be deposited on the surface, radiating outward close to the burn area.

3.2.2 Previous investigations at Areas 6, 6A, and 6B included the analysis of samples for a number of parameters including volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides/polychlorinated biphenyls (PCBs), metals, dioxins and furans, and explosives. The previous investigations were primarily driven by comparison to and exceedances of NJDEP criteria. Previous sample locations are shown on Figure 3-1. Sample dates and an evaluation of groundwater is not included as part of the RI and groundwater sampling events are not detailed in the following sections because groundwater is being addressed as a separate operable unit (OU) under a separate USACE contract. Detailed results of the Phase II RI and 2008 BERA sampling are provided in Section 6.2 as part of the HHRA discussion.

3.2.1 1989 O'Brien & Gere Contamination Evaluation

3.2.1.1 An initial evaluation of Subareas 6A and 6B was conducted in 1988, and included installation of three monitoring wells, and collection of three surface and nine subsurface soil samples and analysis for VOCs, metals, and explosives (O'Brien & Gere, 1989). VOCs and explosives were not detected in the surface or subsurface soil samples. Metals were detected in all soil samples, but at concentrations below action levels.

3.2.2 Phase I Remedial Investigation

3.2.2.1 In 1992, Dames & Moore completed field investigations for a Phase I RI, which included a soil gas survey, monitoring well installation, and soil and groundwater sampling.

3.2.2.2 Soil gas samples collected from Subarea 6A contained no detectable concentrations of VOCs. Several soil gas samples collected in Subarea 6B contained detectable concentrations of VOCs, and these locations were used to place monitoring wells for further evaluation.

3.2.2.3 Surface and subsurface soil samples were collected from 20 soil borings advanced in Subarea 6A and four soil borings advanced in Subarea 6B. Surface water and sediment samples were collected from three locations in Subarea 6A (Dames & Moore, 1993). Samples were analyzed for VOCs, SVOCs, metals, and explosives. Surface water and sediment samples were also analyzed for pesticides. Metals (arsenic, cadmium, and lead) detected in samples collected from multiple locations were the only constituents detected at elevated concentrations in soil samples. Arsenic, lead, mercury, and silver were also detected in surface water at concentrations exceeding EPA Marine Acute criteria. The explosive compounds nitroglycerin and pentaerythritol tetranitrate (PETN) were detected in one surface water sample, and one sediment sample contained the pesticide dichlorodiphenyl trichloroethane (DDT) at a concentration exceeding the screening criterion. No other VOCs, SVOCs, metals, explosives, or pesticides

were detected at concentrations exceeding screening criteria in surface water or sediment samples (Dames & Moore, 1993a).

3.2.3 Phase II Remedial Investigation

3.2.3.1 Data collected from more than 68 additional soil samples, 29 surface water, and 19 sediment samples were collected from Areas 6, 6A, and 6B in 1994 for the Phase II RI. Sample locations are shown on Figure 3-1. The samples were analyzed for various parameters, including VOCs, SVOCs, pesticides, PCBs, dioxins and furans, metals, and explosives. Concentrations of detected constituents (primarily metals and PAHs) were generally consistent across Areas 6, 6A, and 6B, and not suggestive of a DoD source area (Roy F. Weston, 1997).

3.2.4 Baseline Ecological Risk Assessment

3.2.4.1 A BERA field investigation was conducted to evaluate potential ecological exposure pathways present at the former Arsenal. Field activities were conducted from June through September 2005. Sample locations were selected to provide representative coverage of the habitats represented onsite, and were chosen largely based on historical site-specific chemistry data. The approach was not to sample every location, but rather to focus on selected areas indicative of a gradient of contamination so that inferences could be drawn regarding ecological risks (Weston, 2008).

3.2.4.2 The BERA investigation evaluated several risk-based hypotheses regarding the potential degree for ecological risks at the former Arsenal. Site-specific biological data were collected for several measurement endpoints to evaluate these hypotheses. The primary areas of concern investigated were freshwater habitats, estuarine habitats, and terrestrial habitats.

3.2.4.3 Ecological risks for aquatic habitats at the former Arsenal were characterized by investigating the surface water and sediment, the benthic macroinvertebrate community, and fish, frog, fiddler crab, and plant communities, as well as exposure pathways to higher-level avian and mammalian receptors. Ecological risks for terrestrial habitats were characterized by investigating the soil, soil invertebrate and small mammal communities, as well as exposure pathways to higher-level avian and mammalian receptors.

3.2.4.4 The results of these studies were collectively assessed in a weight-of-evidence approach to determine whether significant ecological risks were present at the former Arsenal compared to site reference areas. Approximately 95 percent of the land in Areas 6, 6A, and 6B is classified as wetlands, according to the U.S. Department of Interior, National Wetlands Inventory Map, dated October 29, 1976 (Roy F. Weston, 1997). The dominant habitat in Areas 6 and 6B is estuarine emergent wetland (*Phragmites*), with old field habitat occurring along the northeastern border of Area 6. Old field is the dominant habitat in Subarea 6A, with estuarine emergent wetland (*Phragmites*) occurring along the southwestern corner of this area. Areas 6, 6A, and 6B was evaluated as part of the Red Root Creek and Black Ditch drainage systems in the BERA (Weston, 2008b). The BERA concluded that, with few exceptions, there were no significant impacts to ecological receptors evaluated within estuarine environments located on the former Arsenal. Because conditions encountered during the recent RI investigation did not differ significantly from those identified during previous investigation work, no additional ecological evaluation is warranted.

3.3 Nature and Extent of MC and HTW

3.3.1 For this nature and extent evaluation, the historical data were compiled and compared to background concentrations where applicable (upper tolerance limit [UTL] with 95 percent coverage [95/95 UTL] for DSAs; see Appendix A), EPA RSLs (EPA, 2018), and NJDEP soil remediation standards (SRs). Background concentrations for the DSAs were only established for metals in soil and could be attributed to both native and anthropogenic sources. Organic constituents in soil could also be

background-related (i.e., from anthropogenic sources) and not necessarily site-related. Additionally, background concentrations were not established for surface water and sediment; however, constituents detected in these media could also be from background sources. As discussed in Sections 3.1 and 3.2, extensive characterization sampling was conducted in 1994 and 2005 and this information was evaluated for the nature and extent assessment of the media at Areas 6, 6A, and 6B. Surface water and sediment results were not compared to ecological criteria because this comparison had previously been completed in the BERA.

3.3.2 The Jenkins Method was used for field screening of data for the presence of trinitrotoluene (TNT). The Jenkins Method results are included for a conservative assessment in this nature and extent evaluation; however, the Jenkins Method consistently gave false positives as determined by comparison to samples analyzed using the fixed laboratory Method 8330¹.

3.3.3 The assessment for chlorinated dioxins and furans was performed using the toxic equivalency factor (TEF) methodology (EPA, 2010). The total amount of the dioxin and furan congeners is expressed as a toxic equivalent (TEQ) of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Congener-specific data were available for 2,3,7,8-TCDD, 2,3,7,8-tetrachlorodibenzofuran, octachlorodibenzofuran, and octachlorodibenzo-p-dioxin.

3.3.1 Surface Soil

3.3.1.1 A summary of the samples and analyses for Areas 6, 6A, and 6B surface soil samples (samples collected from 0 to 2 feet) is shown in Table 3-1. The Areas 6, 6A, and 6B surface soil detections are summarized in Table 3-2. Historical analytical data for Areas 6, 6A, and 6B are presented in Appendix B. Fifty-five surface soil samples were collected from Areas 6, 6A, and 6B in 1994 and 2005. Sample analyses included VOCs, SVOCs, pesticides, PCBs, dioxins and furans, metals, explosives, total organic carbon (TOC), and pH. Results of the surface soil sample analyses are summarized as follows:

- **VOCs** – Thirty-nine samples were analyzed for VOCs. Of these, 10 samples had detections of VOCs; however, the concentrations did not exceed the EPA residential soil RSLs or NJDEP residential SRs for these constituents.
- **SVOCs** – Thirty-nine samples were analyzed for SVOCs, and 37 samples had detections of SVOCs. Sixteen samples contained benzo(a)pyrene at concentrations that exceeded EPA residential RSLs; however, none of the detected concentrations exceeded the NJDEP SRS. Samples with benzo(a)pyrene concentrations that exceeded RSLs are shown on Figure 3-3.
- **Pesticides/PCBs** – Thirty-nine samples were analyzed for pesticides and PCBs. Twenty sample locations had detections of pesticides. The detections of pesticides and PCBs did not exceed the EPA residential RSLs or NJDEP residential SRs.
- **Dioxins and Furans** – Four samples (06A01, 06A03, 06A04, and 06A08) were analyzed for dioxins and furans. All four samples had dioxin and furan detections that exceeded the 2,3,7,8-TCDD RSL. Sample locations are shown on Figure 3-1.
- **Metals** – Fifty-five samples were analyzed for metals, which were detected in all surface soil samples. Metals also occur naturally in background soils. Ten metals (aluminum, antimony, arsenic, cadmium, cobalt, iron, manganese, mercury, thallium, and vanadium) were detected in at least one soil sample at concentrations exceeding EPA residential RSLs. Arsenic and vanadium were detected in at least one soil sample at concentrations exceeding NJDEP residential SRs. Arsenic was detected in all 55 soil samples at concentrations exceeding the EPA residential RSL, and in 37 soil samples at

¹ The Jenkins Method is an explosives colorimetric field screening method that is subject to bias from chemically similar compounds or matrix interference. The interpretation of TNT concentration using this method is specifically affected by the amount of humic material in the soil sample (Jenkins and Walsh, 1992).

concentrations exceeding the NJDEP SRS of 19 milligrams per kilogram (mg/kg). Arsenic exceedances of the NJDEP SRS are shown on Figure 3-2.

- **Explosives** – Fifty-two samples were screened for explosives using the Jenkins Method. Twenty-one of these samples were positive for TNT. Eight of the samples with the highest detections were analyzed for explosives by Method 8330. None of these samples had explosives detections.

3.3.2 Subsurface Soil

3.3.2.1 A summary of the samples and analyses of the Areas 6, 6A, and 6B subsurface soil samples (samples collected below 2 feet) is shown in Table 3-3. A summary of Areas 6, 6A, and 6B subsurface soil detections is presented in Table 3-4. Historical analytical data for Areas 6, 6A, and 6B are presented in Appendix B. Eleven subsurface soil samples were collected from Areas 6, 6A, and 6B in 1994 and 2005. Because water was typically encountered at approximately 2 feet, limited vadose subsurface soil samples could be collected within areas outside of Subarea 6B. Sample analyses included VOCs, SVOCs, pesticides, PCBs, metals, explosives, TOC, and pH. Results for analyses of subsurface soil samples are summarized as follows:

- **VOCs** – Eleven samples were analyzed for VOCs and four samples had VOC detections. However, the concentrations did not exceed the residential soil RSLs or NJDEP SRS values.
- **SVOCs** – Eleven samples were analyzed for SVOCs, and 10 samples had detections. Seven samples contained benzo(a)pyrene at concentrations that exceeded EPA residential RSLs; however, none of the detected concentrations exceeded the NJDEP SRS. Samples with benzo(a)pyrene concentrations that exceeded RSLs are shown on Figure 3-5.
- **Pesticides/PCBs** – Eleven samples were analyzed for pesticides and PCBs. Nine samples had detections of pesticides. PCBs were not detected. Heptachlor epoxide was detected in sample 06B06A at a concentration exceeding the EPA residential soil RSL and NJDEP residential SRS. Sample locations are shown on Figure 3-1.
- **Dioxins and Furans** – Three samples (06B01AZ, 06B06A, and 06B06Z) were analyzed for dioxins and furans. All three samples had dioxin and furan detections that exceeded the 2,3,7,8-TCDD RSL. Sample locations are shown on Figure 3-1.
- **Metals** – Eleven samples were analyzed for metals, which were detected in all subsurface soil samples. Five metals (antimony, arsenic, cobalt, iron, and vanadium) were detected in one or more samples at concentrations exceeding EPA residential RSLs and/or NJDEP residential SRSs. Arsenic was detected in all subsurface soil samples at concentrations exceeding the EPA residential RSL, and in three subsurface soil samples at concentrations exceeding the NJDEP SRS of 19 mg/kg. Arsenic exceedances of the NJDEP SRS are shown on Figure 3-4.
- **Explosives** – Eleven samples were screened for explosives using the Jenkins Method. Only sample 06B02AZ was positive for TNT. Two samples (06B02A and 06B02AZ) were analyzed for explosives by Method 8330. None of these samples had explosives detections.

3.3.3 Surface Water

3.3.3.1 A summary of the samples and analyses of the Areas 6, 6A, and 6B surface water samples is shown in Table 3-5. Areas 6, 6A, and 6B surface water detections are presented in Table 3-6. Historical analytical data for Areas 6, 6A, and 6B are presented in Appendix B. Twenty-nine surface water samples were collected from Areas 6, 6A, and 6B in 1994 and 2005. Surface water sample analyses included VOCs, SVOCs, pesticides, PCBs, dioxins and furans, metals, and explosives. Results for analyses of surface water samples are summarized as follows:

- **VOCs** – Twenty-five samples were analyzed for VOCs. VOCs were detected in 12 samples. TCE exceeded the EPA tap water RSL in six of the samples (SW-0616H/L, SW-0617H/L, SW-0618L, and SW-0619L). Sample locations (all along Black Ditch) are shown on Figure 3-1.
- **SVOCs** – Twenty-five samples were analyzed for SVOCs. SVOCs were detected in nine samples. Bis(2-ethylhexyl)phthalate was detected in one surface water sample (SW-0614) at a concentration exceeding the EPA tap water RSL. Sample locations are shown on Figure 3-1.
- **Pesticides/PCBs** – Twenty-five samples were analyzed for pesticides and PCBs. Pesticides and PCBs were not detected in any of the samples.
- **Dioxins and Furans** – Eight samples were analyzed for dioxins and furans. Dioxins and furans were not detected in any of the surface water samples.
- **Metals** – Twenty-nine samples were analyzed for total metals. Metals were detected in all surface water samples. Sixteen metals (aluminum, antimony, arsenic, beryllium, cadmium, cobalt, copper, iron, lead, manganese, nickel, selenium, silver, thallium, vanadium, and zinc) exceeded the EPA tap water RSLs in at least one sample.
- **Explosives** – Twenty-nine samples were analyzed for explosives by Method 8330. Explosives were detected in five surface water samples (SW-0616H/L, SW-0617H/L, and SW-0618L). Sample locations (all along Black Ditch) are shown on Figure 3-1. None of the detections exceeded the EPA tap water RSLs.

3.3.4 Sediment

3.3.4.1 A summary of the samples and analyses of the Areas 6, 6A, and 6B sediment samples is shown in Table 3-7. Areas 6, 6A, and 6B sediment detections are summarized in Table 3-8. Historical analytical data for Areas 6, 6A, and 6B are presented in Appendix B. Twenty-eight sediment samples were collected from Areas 6, 6A, and 6B in 1994 and 2005. Sediment sample analyses included VOCs, SVOCs, pesticides, PCBs, dioxins and furans, metals, explosives, TOC, and pH. Results for analyses of sediment samples are summarized as follows:

- **VOCs** – Seventeen samples were analyzed for VOCs. At least one of seven VOCs (2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, carbon disulfide, toluene, and trichloroethene) was detected in all of the samples. None of these detections exceeded the EPA residential RSLs or NJDEP residential SRSSs.
- **SVOCs** – Twenty-seven samples were analyzed for SVOCs. At least one SVOC was detected in 24 of the samples. Twenty-one sediment samples contained at least one of four SVOCs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, and/or dibenzo(a,h)anthracene) at concentrations exceeding the EPA residential RSLs and/or NJDEP residential SRSSs. Sample locations are shown on Figure 3-1.
- **Pesticides/PCBs** – Twenty-seven samples were analyzed for pesticides, and twenty samples had pesticide/PCB detections. Aroclor-1260 was detected in three samples (SD-0604L, SD0634, and SD0635) at concentrations exceeding the EPA soil residential RSL and NJDEP SRS. These detections were each along the Red Root Creek and adjacent to paved road. One pesticide (4,4-DDD) was detected in one sample (SW0627) at a concentration greater than the EPA soil residential RSL but less than the NJDEP soil SRS.
- **Dioxins and Furans** – Five samples were analyzed for dioxins and furans. Dioxins and furans were detected in all five samples. Dioxin concentrations in all five samples (SD-0609L, SD-0613, SD-0615, SD-0616L, and SD-0619L) exceeded the 2,3,7,8-TCDD RSL.
- **Metals** – Twenty-six samples were analyzed for metals, which were detected in all sediment samples. Concentrations of 11 metals (aluminum, antimony, arsenic, cadmium, cobalt, iron,

manganese, mercury, nickel, thallium, and vanadium) in one or more samples exceeded the EPA residential soil RSLs and/or NJDEP residential soil SRSs.

- **Explosives** – Seventeen samples were analyzed for TNT using the Jenkins Method. Eight of the samples had detections of TNT. However, five confirmatory samples for explosives using Method 8330 were collected, and explosive compounds were not detected in any of the samples. This suggests that the Jenkins Method provided false positive results. Explosives are considered not present in the sediments from Areas 6, 6A, and 6B.

3.4 Fate and Transport

3.4.1 The detected constituents were evaluated for their potential to migrate across media, specifically soil to groundwater, at Areas 6, 6A, and 6B. A quantitative screening comparison was conducted by comparing detected concentrations against the EPA risk-based soil screening levels (SSLs) for protection of groundwater, with a default dilution attenuation factor (DAF) of 10 to account for dilution that occurs as a chemical in precipitation mixes with the groundwater (EPA, 2018). An exceedance was identified when the area mean concentration exceeded the corresponding SSL and mean background concentration, if available. Surface soil was included in the screening for the soil-to-groundwater migration pathway due to the presence of shallow groundwater at Areas 6, 6A, and 6B. As discussed below, no significant leachability potential is identified for soils at Areas 6, 6A, and 6B.

3.4.1 Contaminant Sources and Release Mechanisms

3.4.1.1 The primary source of potential contamination at Areas 6, 6A, and 6B is DoD activities associated with the burning grounds, and munitions items contained in material dredged from the Raritan River and placed in DSA 1. MC-related impacts from the MEC in dredge spoils are expected to be located within the dredge spoils due to the potential deterioration and breaching of MEC items over time. In this case, the MC-related impacts are expected to be directly associated with the MEC items. MC and/or HTW associated with historical burning activities are expected to be deposited on the surface, radiating outward close to the burn area (Subareas 6A and 6B). It is likely that impacts associated with burning of ordnance would primarily affect surface soil because the burning was reportedly conducted on the ground surface.

3.4.1.2 Tables 3-9 and 3-10 show the detected constituent concentrations in surface and subsurface soil, respectively, compared to DSA background values (if available) and the SSL values to evaluate the soil-to-groundwater leachability pathway. Surface and subsurface soil constituents with exceedances above the SSLs, including MC and HTW constituents detected at Areas 6, 6A, and 6B, are further discussed to present a rationale as to whether these can serve as a future source of groundwater contamination.

3.4.2 Potential Routes of Migration

3.4.2.1 The primary pathways for contaminant transport from Areas 6, 6A, and 6B are erosion or leaching from soil and migration to surface water (Black Ditch and Red Root Creek) by surface water runoff or infiltrating, percolating, and leaching of constituents to groundwater. Groundwater at the former Arsenal is being evaluated as a separate OU and is being addressed under a separate USACE contract.

3.4.2.2 Evaluation of contaminants in Black Ditch and Red Root Creek sediment and surface water indicate that contaminants are either not derivative of contaminants in soil at Areas 6, 6A, and 6B (Aroclor-1260 in sediment and trichloroethene in surface water), or are pervasive in soil, surface water, and sediment across the site and not suggestive of a source area (PAHs, dioxins and furans, metals).

3.4.3 Contaminant Persistence and Leachability

3.4.3.1 VOCs, SVOCs, pesticides, metals, and one explosive (i.e., 2,4,6-TNT based on the Jenkins Method) were detected above their respective SSLs in soil at Areas 6, 6A, and 6B.

3.4.3.1 VOCs

3.4.3.1.1 Methylene chloride was the only VOC detected in surface soil at concentrations exceeding the SSL. VOCs were not detected in subsurface soil at concentrations greater than their respective SSLs. Methylene chloride was detected in five of 39 surface soil samples at concentrations ranging from 0.017 mg/kg to 0.1 mg/kg, compared to the SSL of 0.013 mg/kg. The maximum detected concentration (0.1 mg/kg) was from sample location 0614 at a depth of 0 to 0.5-feet bgs. Methylene chloride was not detected in the deeper sample (0.5 to 2 feet bgs) collected from this location. Additionally, the detections of methylene chloride were from samples collected only in 1994; therefore, it is likely that the concentrations have volatilized over time. Due to the relatively low detection frequency, lack of subsurface soil detections, and age of the analytical data, it is unlikely the methylene chloride detections in surface soil are a significant source of leaching to groundwater at Areas 6, 6A, and 6B.

3.4.3.2 SVOCs

3.4.3.2.1 Benzo(a)anthracene in surface and subsurface soil and naphthalene in surface soil were the only detected SVOCs with detected site concentrations exceeding their respective SSLs. No background values were available for comparison. Although SVOCs may be persistent in soil, they typically have low solubility. The PAHs could be from non-point anthropogenic sources or the dredge material in DSA 1, which could have been previously contaminated by HTW derived from offsite sources. Concentrations of detected PAHs were generally consistent across Areas 6, 6A, and 6B, and not suggestive of a DoD source area.

3.4.3.3 Pesticides

3.4.3.3.1 Four pesticides (4,4-dichlorodiphenyl dichloroethane [DDD], 4,4-dichlorodiphenyl dichloroethylene [DDE], 4,4-DDT, and aldrin) in surface soil and three pesticides (4,4-DDD, aldrin, and heptachlor epoxide) in subsurface soil were detected at concentrations greater than their respective SSLs. With the exception of aldrin, the site mean concentrations for these pesticides were less than the SSLs. Aldrin exceeded the SSL in one surface soil sample and two subsurface soil samples. Aldrin adsorbs strongly to soil and is only slightly soluble in water; therefore, aldrin is not likely to be a significant source of leaching to groundwater. Additionally, the pesticides detected in soil are not associated with a site-specific release and were likely applied as part of routine maintenance activities.

3.4.3.4 Metals

3.4.3.4.1 Eleven metals (antimony, arsenic, barium, cadmium, cobalt, iron, lead, manganese, mercury, selenium, and thallium) were detected in surface soil at concentrations exceeding the SSLs; however, only arsenic was detected in surface soil with a mean concentration exceeding the background mean concentration. Arsenic was not detected in any of the subsurface soil samples at concentrations greater than the DSA background value. Five metals (antimony, arsenic, cobalt, iron, and selenium) were detected above SSLs in the subsurface soil samples; however, only antimony (in two samples) was detected at concentrations exceeding the DSA background value. The metals detected in surface and subsurface soil are naturally occurring and were detected in the DSA background samples; their reported presence does not indicate a contaminant release. The mobility of metals is complex and depends on several factors such as the overall groundwater composition, pH, metal complex formation, valence state of the metal, and cation exchange capacity.

3.4.3.5 Explosives

3.4.3.5.1 One explosive (2,4,6-TNT based on the Jenkins Method) was detected in surface and subsurface soil at concentrations greater than the SSL. The concentrations of 2,4,6-TNT, based on the Jenkins Method, ranged from 1.2 mg/kg to 37 mg/kg in surface soil, compared to the SSL of 0.15 mg/kg. 2,4,6-TNT was only detected in one subsurface soil sample at a concentration of 6.1 mg/kg. The analytical results based on the Jenkins method are not reliable due to the false positives, as determined by comparison to samples analyzed using the fixed laboratory Method 8330. There were no detections of 2,4,6-TNT in surface or subsurface soil based on the fixed laboratory Method 8330; therefore, 2,4,6-TNT is not identified as a source of leaching to groundwater.

3.4.4 Contaminant Migration

3.4.4.1 Based on the previous investigations and the historical data, there is minimal potential for MC or HTW presence or exposure in site media. Surface runoff and soil vertical migration through leaching are not potential migration pathways for contamination based on comparison of surface and subsurface soil, surface water, and sediment concentrations to SSLs and/or background values.

3.5 Site-to-Background Statistical Comparison

3.5.1 Tests of central tendency were performed to determine with statistical confidence, whether metals concentrations at Areas 6, 6A, and 6B DSA 1 are different, on average, from background concentrations. The appropriate type of central tendency comparison test is determined based on the statistical distribution of the two data sets. For cases where both data sets appear to be normally distributed, a t-test can be run on the raw data to determine whether the means of the two populations appear to be different from one another. The specific form of t-test (Student's t-test or Welch's t-test) is determined based upon whether the variances of the data sets can be considered equal. If the distributions of the data sets do not coincide or if they all are nonparametric, then the nonparametric Wilcoxon Rank Sum (WRS) test typically is used for comparison of central tendency. This is a nonparametric version of a two-sample t-test and calculates whether the medians of the two distributions are different or similar. For data sets that contain censored (non-detect) results, the Tarone-Ware two-sample test is utilized instead of the WRS test. The Tarone-Ware test is specifically designed to accommodate censored data sets with multiple reporting limits (EPA, 2009).

3.5.2 A two-sample randomization (permutation) test for location based on the population means also was performed. A randomization test works by simply enumerating all possible outcomes under the null hypothesis, then seeing where the observed outcome fits in (Conover, 1999; Manly, 2007). A randomization test is also called a permutation test, because it involves permuting the observations during the enumeration procedure. For a one-sided upper alternative test, the calculated probability (commonly referred to as the p-value) is computed as the proportion of times that the differences of the means (or medians) in the permutation distribution are greater than or equal to the observed difference in means (or medians).

3.5.3 The comparisons were performed using a common null hypothesis that concentrations of each metal in the on-site sample population is less than or equal to background concentration levels. The tests were conducted using a significance level of 0.05 (corresponding to a 95 percent confidence level). If the calculated probability (p-value) from a test is below 0.05, a conclusion is drawn to reject the null hypothesis and instead determine that a significant test result exists. In these tests, a p-value is calculated which is essentially the probability that the observed differences between the centers of the two sample sets occurred merely due to random variability in the data, or whether those differences are an indication that the center of the site population is greater than background.

3.5.4 Table 3-11 presents the results of the central tendency tests conducted using the surface and subsurface soil data (0-10 feet bgs) collected from Areas 6, 6A, and 6B and DSA 1 and the surface and

subsurface soil data (0-10 feet bgs) collected from the background reference areas (refer to Appendix A). Only metals exceeding their respective BTVs were included in the statistical tests. Additionally, statistical testing was not performed on those metals that contained greater than 50 percent censored (non-detect) results. Table 3-11 also includes the results of the Shapiro-Wilk test for normality and the F-test for equal variance. The raw data were transformed using common logarithms when the transformed data improved unequal variances in the data sets. The transformation improved unequal variances for barium; therefore, the statistical tests were run on the transformed data for barium. The results of the statistical testing indicate that concentrations of barium and lead at Areas 6, 6A, and 6B and DSA 1 are statistically greater than those observed in background.

Conceptual Site Model

4.0.1 The CSM relates potentially exposed receptor populations to potential source areas based on physical site characteristics and complete exposure pathways. Important components of the CSM are the identification of potential source areas, methods of interaction (i.e., transport pathways, access, exposure media, exposure pathways, and routes), and receptor groups. Actual or potential exposure of receptors associated with a site are determined by identifying the most likely, and most important, pathways of release, transport, and interaction. A complete exposure pathway has three components: (1) a source that results in a release to the environment; (2) a method of interaction or pathway of transport through an environmental medium; and (3) a receptor. The main objective of the CSM is to identify any complete and critical exposure pathways that may be present.

4.0.2 The preceding sections have presented the physical setting, site history, and land use (past, present, and projected). Results of previous investigations are summarized in Section 3. Based on this information, the following sections discuss potential source areas, transport pathways, and exposure pathways. The baseline CSM described in the RI/FS Work Plan formed the basis for the RI fieldwork and the information obtained during this RI has been used to update and refine the CSM.

4.1 Potential Source Areas

4.1.1 MEC within Areas 6, 6A, 6B and DSA 1 would most likely have been placed by the disposal of dredged material from the Raritan River or through release from the burning grounds. Because wetland or open water areas would have been difficult to access, it is assumed that these areas were filled with dredge spoils before being used as burning grounds. MEC in the DSA is found both randomly distributed throughout the land area at various depths within the subsurface and clustered within the subsurface. MEC released from the burning grounds would most likely be scattered on the ground surface and shallow subsurface in close proximity to the burning areas. DSA 1 and the burning grounds areas (Subareas 6A and 6B) boundaries are shown on Figures 1-1 and 1-2.

4.1.2 MC has the potential to have been released to the environment at Areas 6, 6A, and 6B due to the potential presence of MEC in the dredge spoils or due to DoD activities associated with the burning grounds. MC-related impacts from the MEC in dredge spoils are expected to be located within the dredge spoils due to the potential deterioration and breaching of MEC items over time. In this case, the MC-related impacts are expected to be directly associated with the MEC items. MC and/or HTW associated with historical burning activities are expected to deposit on the surface, radiating outward close to the burn area. No MEC items have been identified at Areas 6, 6A, and 6B, and explosives were not detected at elevated concentrations in soil, surface water, and sediment samples. However, the majority of Subarea 6 and all of Subarea 6A are underlain by dredge spoils from the Raritan River, which could have been previously contaminated by HTW derived from offsite sources upstream or downstream (due to tidal effects) of the former Arsenal.

4.2 Transport Pathways

4.2.1 A transport pathway describes the mechanisms by which site-related constituents, once released, may be transported from a source area to environmental media (such as surface soil) where receptor exposures may occur. The primary mechanisms for potential transport of constituents from the potential source areas are listed below:

- Dust emanating from surface or subsurface soil to ambient air from wind or during maintenance activities at the site or from areas lacking vegetative cover

- Direct contact with soil containing constituents of potential concern (COPCs) (receptor contact with onsite surface or subsurface soil replaces release and transport)
- Direct contact with surface water and sediment containing COPCs
- Surface runoff from source areas into drainages and streams, eventually discharging to the Raritan River
- Infiltrating, percolating, and leaching contaminants from source areas

4.2.2 The potential release and transport pathways for Areas 6, 6A, 6B and DSA 1 are depicted on Figure 4-1.

4.3 Exposure Pathways

4.3.1 An exposure pathway describes the mechanisms whereby receptors come into contact with site-related constituents or hazards. Exposure, and therefore potential risk, can only occur if complete exposure pathways exist.

4.3.1 MEC

4.3.1.1 An MEC exposure pathway requires both access and interaction. The receptor must not only have access to an area that contains MEC, but the receptor's activities must be such that there is interaction with the MEC item. Potential human receptors at Areas 6, 6A, 6B and DSA 1 include maintenance workers, recreational users, industrial commercial/utility workers, and hypothetical future residents. Surface and subsurface MEC has not been documented in at Areas 6, 6A, 6B and DSA 1, but may be present in previously uninvestigated areas and may present an explosive risk to these potential receptors (Figure 4-1). Further evaluation of MEC across Area 6 and DSA 1 is provided in Section 5, MEC Evaluation.

4.3.2 MC and HTW

4.3.2.1 A potential MC exposure risk requires a complete exposure pathway from source to receptor. Constituents detected in site media during previous site investigations may pose a risk to receptors as shown on Figure 4-2. Potential impacts/risks from site media constituents on human health and ecology are discussed further in Section 6, Human Health Risk Assessment.

4.3.3 Human Health Exposures Pathway Potential

4.3.3.1 Areas 6, 6A, 6B and DSA 1 is mostly undeveloped wetland that is owned by FBC. The only development is the demolished remnants of the LaPlace, Inc. sulfuric acid manufacturing plant in Area 6A, which is currently a shipping facility parking lot. Occasional maintenance workers could potentially be exposed to MEC, MC, or HTW in this area. Areas 6, 6A, and 6B is located adjacent to the river and may be suitable for future development. If the areas are developed as an industrial facility, then future industrial and construction/utility workers may be exposed to surface soil, total soil (0 feet bgs to the depth of the water table) and/or emissions from total soil (Figure 4-2). The wetland areas adjacent to the river may also be accessible to offsite public visitors, so a recreational visitor/trespasser scenario is also potential future exposure pathway. Although future residential use is not likely for these areas, this scenario was evaluated for risk management purposes.

4.3.3.2 Additional details of the exposure scenarios and receptors are discussed in Section 6. Potential exposures to groundwater were not evaluated in this RI because groundwater/indoor air (vapor intrusion) at the former Arsenal is being evaluated as a separate OU and is being addressed under a separate USACE contract. The potentially complete exposure pathways identified for soil, surface water, and sediment were quantitatively evaluated in the HHRA and are discussed in Section 6.

4.3.4 Ecological Exposures Pathway Potential

4.3.4.1 The majority of Areas 6, 6A, 6B and DSA 1 consists of estuarine emergent wetlands with a smaller portion of disturbed old field habitat (Figure 2-4). Areas 6, 6A, and 6B wetlands are dominated by common reed (*Phragmites australis*), with small stands of saltmarsh cordgrass (*Spartina alterniflora*). The disturbed old field areas are dominated by grasses such as little bluestem (*Andropogon scoparius*), India grass (*Sorghastrum nutans*), and common reed (*Phragmites australis*), with some of the areas supporting woody vegetation, such as young gray birch (*Betula populifolia*) and staghorn sumac (*Rhus typhina*). The areas provide habitat for a variety of potential ecological receptors including white-footed mouse (*Peromyscus leucopus*), short-tail shrew (*Blarina brevicauda*), and white-tailed deer (*Odocoileus virginianus*), red foxes (*Vulpes fulva*), and possibly Norway rats (*Rattus norvegicus*).

4.3.4.2 Ecological receptors could be exposed to chemicals via several routes. Lower-trophic-level species (plants, benthic macroinvertebrates) are likely to have their greatest exposure through direct contact with contaminated media. Wildlife, meanwhile, may be exposed to chemicals via a broader range of routes, including the ingestion of chemicals from soil, sediment, surface water, or food while foraging, and the dermal absorption of chemicals from soil, sediment, or surface water via direct contact. For chemicals having the potential to bioaccumulate, the greatest exposure to wildlife is likely to be from the ingestion of prey. For chemicals having a limited potential to bioaccumulate, the exposure of wildlife to chemicals is likely to be greatest through the direct ingestion of the contaminated media, such as soil. Potentially complete exposure pathways identified for soil, sediment, and surface water were quantitatively evaluated in the facility-wide BERA (Weston, 2008), while the potential for site-related risk to ecological receptors from the presence of MC is discussed in Section 7, *Ecological Risk Assessment*.

MEC Investigation Results

5.0.1 Intermittently from October 2013 to May 2014, CH2M conducted field investigation activities at Areas 6, 6A, 6B and DSA 1 in accordance with the Final RI/FS Work Plan (CH2M, 2016). Appendix C contains photographs of the Areas 6, 6A, 6B and DSA 1 investigation activities. The progress and findings of the field investigation activities were communicated and discussed with USACE representatives on a daily basis via daily summary reports and weekly production and quality control (QC) conference calls.

5.0.2 MEC evaluation completed for this RI included digital geophysical mapping (DGM) survey to identify anomalies associated with dredge spoils within Subareas 6, 6A, and DSA 1. Because no focused MEC investigations were previously performed in Area 6, and because the potential presence and distribution of MEC within the dredge spoils was not fully characterized, additional investigation was required to define the nature and extent of MEC potentially associated with DSA 1, which includes Subareas 6 and 6A. DGM transects were conducted along 3-meter-wide transects spaced at 80-meter intervals within DSA 1. In addition, a series of 1-meter-wide transects spaced at 3-meter intervals was placed across an area of potential pit locations identified between Areas 6 and 6A in a 1963 aerial photograph. As described in the approved Work Plan, Area 6B is not known to be underlain by dredge deposits, so Area 6B was not included in the RI DGM. A geostatistical analysis was performed on the anomalies detected to map anomaly densities and identify any clustering of metallic items (Figure 5-1).

5.0.3 Fieldwork to complete the MEC investigation at Areas 6, 6A, 6B and DSA 1 was conducted in accordance with the overall three-phase investigation approach for the project described in the Final RI/FS Work Plan (CH2M, 2016):

- **Phase 1** – DGM, processing and interpreting of data; selection of anomalies for intrusive investigation.
- **Phase 2** – Intrusive investigation of select anomalies to characterize the nature of the anomaly sources and evaluate potential MC release to the environment through breaching or degradation.
- **Phase 3** – Media sampling for MC evaluation to investigate the nature and extent of potential releases that may be associated with MEC finds identified as being breached or degraded. MEC was not found in Subareas 6 and 6A or DSA 1; therefore, no additional sampling was warranted. However, soil samples were collected from DSA 1 in August 2016 to include in the DSA background study (Appendix A).

5.0.4 During the MEC investigation, the field management team consisted of a Site Manager/Senior UXO Supervisor (SUXOS), a UXO Safety Officer/UXO QC Specialist, and a Site Safety and Health Officer. Other team members included UXO Technicians, a Senior Geophysicist, a Senior Chemist, and Senior Project Geologists. CH2M was supported by the following subcontractors in conducting the fieldwork:

- **USAE** – Site preparation, vegetation reduction, intrusive investigation
- **VARGO Associates** – Professional land surveying
- **NAEVA** – DGM surveying and data processing

5.0.5 The objective of the DGM was to characterize the extent of geophysical anomalies that may be indicative of MEC and/or material potentially presenting an explosive hazard (MPPEH) within the area shown on Figure 5-1. The geophysical investigation reports for Subareas 6 and 6A and DSA 1 are provided in Appendix D and IVS Report is provided in Appendix E. Daily reports are provided in Appendix F.

5.1 MEC Characterization

5.1.1 This section provides a description of the investigative methods used at Subareas 6 and 6A and DSA 1, including the DGM and associated data interpretation, anomaly reacquisition, and intrusive investigation. DGM and associated QC was performed by NAEVA with additional QC performed by CH2M's Munitions Response QC Geophysicists. Two phases of DGM were performed for Subareas 6 and 6A and DSA 1 because intrinsic noise in the towed array system identified in the initial data collected in December 2013 affected the selection of anomalies within the low amplitude range. These areas were resurveyed in February 2014. The sequence of DGM investigation and data interpretation at Subareas 6 and 6A and DSA 1, along with a root cause analysis for the resurvey, is further explained in Appendix G. The timeframes for investigation in Subareas 6 and 6A and DSA 1 are provided in Table 5-1.

5.1.1 DGM Instrumentation

5.1.1.1 The Geonics EM61-MK2 was used exclusively for the DGM work completed at DSA 1. The EM61-MK2 is a high-resolution time-domain electromagnetic instrument designed to detect, with high spatial resolution, shallow ferrous and nonferrous metallic objects. The EM61-MK2's transmitter generates a pulsed primary magnetic field, which then induces eddy currents in nearby metallic objects. For this project, the EM61-MK2 was used to measure eddy currents at four distinct time intervals. Measurement using earlier time gates provided enhanced detection of smaller metallic objects. Real-time kinematic global positioning system (RTK-GPS) for data positioning was used to attain a final target resolution of approximately 50 centimeters after correction for other potential intrinsic positioning errors.

5.1.1.2 DGM survey across the majority of the DSA 1 was conducted using a vehicular towed array system consisting of three EM61-MK2 time domain electromagnetic induction detector coils mounted side-by-side and towed behind an ARGO utility task vehicle along 3-meter-wide transects nominally spaced at 80-meter intervals. DGM in the potential pit area was conducted using a single person-portable EM61-MK2 along transects nominally spaced at 3-meter intervals. Positioning was accomplished using RTK GPS. The eastern end of Transect 3 was shifted to the south to avoid collecting DGM data over railroad tracks. Data could not be collected over approximately 100 meters near the eastern end of Transect 6 due to a large berm that did not allow the safe passage of the DGM system or over a 15-meter section in the center of Transect 6 where a canal crossed the survey path (Appendix G).

5.1.2 DGM Data Quality Objectives

5.1.2.1 The statistical sampling design for the DSAs is based on a multi-stage sampling technique with utilization of both systematic sampling and simple random sampling methods at various stages of the investigation. The investigation approach was developed with involvement of USACE and NJDEP during a meeting held on September 5, 2013. A presentation from that meeting is provided in Appendix D. In summary, a systematic random sampling method was used to divide each site into transects to achieve 95% confidence that at least 95% of the remainder of each site has no discarded military munitions (DMM). At this stage each individual DSA was subdivided in a similar fashion and Visual Sampling Plan (VSP) was used to determine the quantity of transects that were needed to be surveyed in each area to achieve the desired confidence level. Transects were then distributed across each area to exceed the total transect length calculated by VSP with each area oversampled by at least 25% to increase confidence in the results. Slide 7 of the meeting presentation included in Appendix D summarizes the results (calculated and proposed transect lengths) from the first stage of the statistical sampling design.

5.1.2.2 In DSA 1 the calculated aerial coverage required to achieve 95% confidence was 2 acres and the planned survey design was for 2.67 acres to be covered by DGM transects. Utilizing a 3-meter-wide towed array the total design transect length was calculated to be 11,611 feet. The actual survey transect length of 16,069 feet exceeded the design transect length and equates to an aerial coverage of 3.69

acres. The initial DGM survey identified the overall anomaly density as low across the site, with the exception of developed areas where the elevated anomaly density was likely related to the presence of a parking lot, railroad tracks, and underground utilities (see Appendix G). No specific areas of anomaly clustering that warranted placement of additional, more closely spaced transects were identified.

5.1.2.3 The DGM survey of the transects then established units for the 2nd stage of the statistical sampling. The second stage of sampling utilized simple random sampling (using the Estimating a Proportion method as explained in Section 5.1.4) to select the anomalies for intrusive investigation to achieve 95% confidence in the nature of the anomaly sources within the surveyed population. As the second stage was designed specifically to investigate with 95% confidence the nature of the anomaly sources within the population or within the transects, it does not represent the entire population within the DSA. Therefore, historical data gathered from site documents as described in Sections 3.1 and 3.2 were used to assess the remainder of the site. In the historical record where a potential pit area was identified, DGM was conducted using a single person-portable EM61-MK2 along transects nominally spaced at 3-meter intervals.

5.1.2.4 Data quality objectives (DQOs), measurement performance criteria, and the test methods specific to the DGM surveys are summarized in Table 5-2. A QC program was applied to the DGM operations to ensure all DQOs specific to the DGM surveys were accomplished. Figure 5-2 shows an overall chart of the QC steps. A summary of the QC methods is provided in Section 5 of the Geophysical Investigation Report, which is provided in Appendix D.

5.1.2.5 The geophysical systems were field-tested as specified in the geophysical investigation plan included in the Final RI/FS Work Plan (CH2M, 2016). A summary of the tests performed for DGM instrumentation is presented in Table 5-3. The geophysical subcontractors and CH2M performed QC of geophysical data and data deliverables at each step of the processing path. Results were checked by the subcontractor's QC geophysicist before delivery to CH2M and subsequently checked by the CH2M QC Geophysicist. Additional details on QC field testing are provided in the Geophysical Investigation Report (Appendix D).

5.1.3 Geophysical System Verification

5.1.3.1 The geophysical system verification (GSV) process was used to validate EM61-MK2 towed-array prior to and during use for site surveys. The GSV is a physics-based presumptively selected technology process in which signal strength and sensor performance are compared to known response curves of ISOs to verify DGM systems prior to and during site surveys. The process is designed to perform initial verification of EM61-MK2 systems using an IVS followed by a blind seeding program for continued verification throughout the field operations.

5.1.3.2 The ISOs used were 1-inch (2.54-centimeter) by 4-inch (10.16-centimeter) steel pipes. The IVS test was conducted in accordance with the RI/FS Work Plan (CH2M, 2016) as described in the IVS Report (Appendix E). The EM61 was verified as being within industry standards and meeting project measurement quality objectives.

5.1.3.3 ISOs consisting of 1-inch (2.54-centimeter) by 4-inch (10.16-centimeter) steel pipes were also placed as blind seeds in the shallow subsurface at locations unknown to DGM survey and data processing personnel. QC seed items were placed such that, on average, one seed item was encountered for each day of DGM survey. The seed locations were checked using a hand-held analog geophysical instrument to confirm that no existing anomalies were present at the seed location. Once placed, the orientation and inclination were recorded and depth to center of mass and locations of all seeded items was surveyed, and the locations provided to the CH2M QC Geophysicist. The items were placed at easily detectable depths in order to have a signal-to-noise ratio that allows comparison to known industry standard target values. Detection of the QC seed items was monitored by the CH2M QC

Geophysicist. All blind seeds were successfully detected, selected and recovered during the DGM surveys and intrusive investigation processes.

5.1.3.4 The systems were also validated through the process illustrated on Figure 5-2 and the criteria shown in Table 5-4 in accordance with the Geophysical Investigation Plan (Attachment F of the RI/FS Work Plan [CH2M, 2016]).

5.1.4 Data Interpretation

5.1.4.1 Each set of data was evaluated with respect to anomaly characteristics such as amplitude, size, shape, noise, and positional data) as detailed in the Geophysical Investigation Report (Appendix D).

5.1.4.2 To target small munitions items and include anomalies potentially related to munitions components, as well as those representing fully intact munitions items expected at the site, a threshold of 3 millivolts (mV) in the second EM61-MK2 time gate was selected for anomaly identification. Production and daily static test data were monitored to ensure the threshold level was sufficiently above local background and noise levels, and targets were selected from geophysical data using the UX-Detect module. The UX-Detect module within Oasis Montaj identifies peak amplitude responses associated with, but not limited to, munitions. Single-source anomalies may generate multiple target designations depending on shape and orientation. Initial target selections were auto-selected using the Blakely Test within the UX-Detect module based on the Channel 2 data of the EM61-MK2 bottom coil. Data profiles corresponding to the anomalies selected by Geosoft were then analyzed by trained geophysicists, with the targets evaluated as to their validity and position. Targets found to be invalid or incorrectly located were removed or adjusted. Additionally, anomalies that were not selected by the UX-Detect module, yet deemed to represent potential MEC targets, were manually selected. All selected anomalies that occurred at or above the targeting threshold of 3 mV were identified using a unique ID number. If a target response exhibited adequate decay yet was below the targeting threshold, it was selected as a target and noted as a below threshold pick.

5.1.5 DGM Data Collection Support

5.1.5.1 The following major activities were conducted as part of the terrestrial DGM for the RI/FS:

- Performed surface clearance to ensure site activity safety and remove surface metal that would impede subsurface target detection
- Performed vegetation reduction in conjunction with anomaly avoidance to prepare transects for geophysical operations
- Established an IVS using anomaly avoidance for DGM system validation
- Established survey stakes incorporating anomaly avoidance procedures as survey control for DGM crews
- Buried “blind” QC seeds (except in wetland areas due to access)
- Processed and interpreted DGM data and selected statistically representative sample of DGM anomalies potentially representing munitions

5.1.6 DGM Results

5.1.6.1 A total of 439 point-source anomalies with unknown metallic sources that could potentially be MEC or MPPEH in the subsurface were identified, as shown on Figure 5-1 (see also Appendix G). The geostatistical density mapping tool in Visual Sample Plan was utilized to extrapolate the anomaly density across DSA 1 based on the locations of the DGM transects and the anomalies identified along those transects (Appendix G). Anomaly density is low across the majority of the site (see Appendix G), with the exception of the shipping facility parking lot and railroad tracks, where higher anomaly concentrations

are observed, some of which may be related to underground utilities. A statistically representative selection of anomalies from both higher-density and lower-density areas was selected as described in Appendix G.

5.1.6.2 To determine if the identified DGM anomalies are related to munitions items, the Estimating a Proportion method was used to calculate the number of randomly selected DGM anomalies that should be intrusively excavated to estimate with a 95 percent confidence level and a ± 5 percent sampling error the proportion of munitions-related to non-munitions-related items. Because the anomaly population size was large, the necessary sample size of DGM anomalies to be intrusively investigated was estimated using the following statistical sample size formula:

$$n_0 = \frac{Z_{\alpha}^2 pq}{e^2}$$

Where:

- Z_{α} = desired confidence level
- p = proportion of DGM anomalies classified as munitions-related
- q = proportion of DGM anomalies classified as non-munitions-related ($q = 1-p$)
- e = acceptable margin of error for proportion being estimated
- n_0 = statistical sample size for a large population

5.1.6.3 To conservatively estimate the variance of proportional variables (i.e., munitions-related or non-munitions-related), pq (in the equation above), a population proportion of 50 percent ($p = 0.5$) was estimated to maximize the variance, and subsequently maximize the sample size. Using a z-statistic for a 95 percent confidence level ($Z_{\alpha} = 1.96$) and a margin of error of 5 percent ($e = 0.05$), the solution for n_0 becomes:

$$n_0 = \frac{Z_{\alpha}^2 pq}{e^2} = \frac{1.96^2 (0.5)(0.5)}{0.05^2} = 384$$

5.1.6.4 A maximum of 384 randomly selected DGM anomalies was estimated for classifying, with 95 percent confidence level and ± 5 percent sampling error, the proportion of munitions-related to non-munitions-related DGM anomalies.

5.1.6.5 The following finite population correction was then used to reduce the number of anomalies required to obtain the same confidence level:

$$n_1 = \frac{n_0}{1 + \left(\frac{n_0}{N} \right)} = \frac{384}{1 + \frac{384}{439}} = 204.83$$

Where:

- n_1 = adjusted statistical sample size for a finite population
- n_0 = statistical sample size for a large population
- N = size of the population (number of DGM anomalies)

5.1.6.6 The result shows that intrusively investigating 205 anomalies will provide a statistically derived estimate of the distribution of munitions-related to non-munitions-related items present among the anomalies identified along the DGM transects at 95 percent confidence level and within ± 5 percent sampling error. The addition of two QC seed items were added, resulting in a total of 207 anomalies for investigation. The anomalies selected for investigation are provided with coordinates and amplitude in the January 3, 2015 Technical Memorandum included in Appendix G. The number of anomalies actually selected for investigation was increased to 227 in the field due to the number of initial targets unable to be investigated (underwater or the roadway).

5.1.7 Reacquisition of Anomalies

5.1.7.1 Following the completion of the Phase 1 DGM and data evaluation the intrusive investigation of the selected anomalies (Phase 2 Investigation) was initiated with the anomaly reacquisition. A list of target anomalies and their coordinates was generated and provided to the advance intrusive investigation team for reacquisition using an RTK-GPS. The locations of each selected anomaly were flagged by the anomaly reacquisition team using a blue polyvinyl chloride survey flag placed 1 foot north of the actual field location. Each flag was marked with a unique anomaly identification.

5.1.8 Intrusive Investigation

After reacquisition, the intrusive investigation team mobilized to the sites.

5.1.8.1 Accountability and Records Management of MEC

5.1.8.1.1 The collection of accurate and detailed data is essential to documenting MEC-related discoveries and resulting disposition of MEC for future reference. CH2M controlled the entire munitions response project process, documentation, and QC through the use of the CH2M Munitions Response Site Information Management System (MRSIMS). MRSIMS is a cradle-to-grave data management system designed to track and query data for munitions response projects. MRSIMS employs hand-held devices used by the field teams with preprogrammed software to digitally capture, track, and upload data daily into the data management system. MRSIMS creates automated reports on the following:

- Project information (e.g., personnel, teams, instrument serial numbers, grid/transect IDs and locations)
- Field team leader notes (e.g., safety meetings, logbooks, field requests to management)
- DGM and UXO field team notes (e.g., transect, files, personnel, methods, instruments, MEC items found)
- DGM data processing notes and delivery data (e.g., file names, processing performed, QC of data, delivery dates)
- Grid statuses (e.g., activities performed by grid/transect and by acre, percents, and quantities complete or remaining)
- Demolition tracking
- QC (e.g., QC on notes, data, processing, comparison of DGM results to investigation results and field activities)

5.1.8.1.2 MRSIMS operates in a multiple contractor-capable environment with tools for digital data capture, storage, analysis, and QC. The result is a near “real-time” turnaround of project data to the management team. Field operations data are captured using hand-held devices and mobile forms-based software. The data are transferred to and then validated within a centralized relational database before being distributed. Digital MEC, material documented as an explosive hazard, and material documented as safe (MDAS) tracking forms in the MRSIMS devices were used to list data for each item encountered. Manual dig sheets were also maintained as a backup and for QC purposes.

5.1.8.2 Quality Control

5.1.8.2.1 QC methods for the MEC investigation included testing equipment prior and post use, reviewing the process and procedural checks performed during the sweep operations of the intrusive investigation, inspecting the area for MEC, surveying the area for blind seeds, and checking that the correct personal protection equipment is being used per the QC plan in the RI/FS Work Plan (CH2M, 2016). There were no QC failures during the Subareas 6 and 6A and DSA 1 RI field effort.

5.1.8.3 Anomaly Investigations

5.1.8.3.1 After reacquisition, the intrusive investigation team mobilized to work areas, as designated by the SUXOS, for investigation. The investigation team used (after daily QC checks) an EM61-MK2 time domain portable metal detector during the anomaly characterization work in addition to a Schonstedt and Whites XLT all-metals detector to locate each anomaly, based on the proximity of the survey flag placed by the reacquisition team. The following general procedure was used to manually investigate anomalies:

- The source of the anomaly was considered MEC/MPPEH until it was excavated and identified. The excavation was initiated adjacent to the geophysical anomaly and continued downward until the excavated area had reached a depth below the top of the item, as determined by frequent inspection with the instrument.
- Using progressively smaller and more-delicate tools to carefully remove the soil, the excavation team expanded the sidewall to expose the metallic item in the wall of the excavation for inspection and identification without moving or disturbing the item.

5.1.8.3.2 Once an item was removed (where possible) from the anomaly location, the location was rechecked with the EM61-MK2 to ensure that no other items were present. One anomaly location was unable to be investigated because of its position under the old pier pilings and was deemed too hazardous from a health and safety standpoint to investigate.

5.2 DGM Results

5.2.1 Initial Anomaly Investigation

5.2.1.1 Initial investigation of anomalies identified for Subareas 6 and 6A and DSA 1, completed in January and February 2014, is summarized below. Additional details are provided in Appendix G.

5.2.1.2 The initial Subareas 6 and 6A and DSA 1 anomaly investigation was conducted from January 29 through February 7, 2014. Frag items and an empty grenade fuze (TDSA1-3-00058, “Fuze, Grenade, Hand, M10 series”, expended) were recovered at six of the 227 anomaly locations initially investigated. Anomalies were identified at depths from ground surface to 4 feet below ground surface. Seven rifle grenade flares “Signal Ground Illumination” were recovered from one of the anomaly locations (TDSA1-2-00013, all were expended, no filler); only one munitions item was recovered from each of the remaining five locations (Figure 5-1). All of the munitions items were certified as MDAS, and all were located on the south-central side of DSA 1, with four falling within the Subarea 6 boundary. Locations of the munitions items are shown on Figure 5-3. Of the remaining anomalies, two were QC seeds, and 175 were identified as non-munitions scrap. The discovery of multiple no contacts during the reacquisition process prompted the QC evaluation and resurvey as indicated in Section 5.1 and documented in Appendix G.

5.2.2 DGM Resurvey

5.2.2.1 On February 7, 2014, NAEVA was notified by email that one of the grid blocks in DSA 3, investigated after work had been conducted at Subareas 6, 6A, and DSA 1, had a significant number of no contacts during the intrusive operations, and these no contacts were targets selected on suspected noise. Upon review, CH2M’s Principal Technologist determined that the data collected by the towed array system was questionable based on noise exhibited in the IVS tests on December 11, 12, and 17, 2013, and similar noise was also identified in a significant number of transects.

5.2.2.2 A resurvey and new anomaly selection for DSA 1 was completed in May 2014. The resurvey was conducted using the same array systems as the original survey.

5.2.2.3 The approach to the combined analysis was as follows:

1. Determine quantity of original anomalies selected (randomly) for investigation that can be used in characterization effort. Beginning with total anomalies investigated:

- Remove all “No Contacts” (28)
- Remove all “Underwater” (11)
- Remove all QC seeds dug (2)
- Remove all “other” (e.g., survey stake, road, parking lot, etc.) (29)

Resulting number is the quantity of randomly selected anomalies from the first dataset that are real anomalies caused by metal as opposed to noise by the system. (187)

2. Calculate total quantity of anomalies between both data sets (newly detected anomalies). (318)
3. Determine quantity of randomly selected anomalies requiring investigation to achieve 95 percent confidence in makeup of anomaly population along transects in area using the Estimating a Proportion statistical technique described in the RI/FS Work Plan (CH2M, 2016) plus anomalies that had their sources removed during intrusive investigation, to determine TOTAL real anomalies in the area for statistical calculations. (174)
4. Subtract quantity determined in #1 (real anomalies investigated in initial investigation effort) from #3 to determine quantity of additional (randomly selected) anomalies needing investigation. (0)

5.2.2.4 Although no additional intrusive investigation was required for Subareas 6 and 6A and DSA 1, an additional 29 anomalies were investigated in May and June 2014. Of these items, two were QC seeds, three were underwater, six were “other” (fence and backfill area), and the remaining were miscellaneous non-munitions items.

5.2.3 Investigation Results Summary

5.2.3.1 A total of 318 point-source anomalies with unknown metallic sources that could potentially be MEC or MPPEH in the subsurface were identified along the DGM transects. Of these, a total of 205 locations were intrusively investigated comprised of 187 anomaly locations initially investigated plus 18 locations investigated in May and June 2014 (not including the 3 underwater, 2 QC seeds, and 6 fence/backfill locations) (Figure 5-1). MD was recovered from 6 anomaly locations (Figure 5-3), consisting of frag items and an empty grenade fuze. All items were certified as MDAS. The remainder of the anomaly sources at DSA 1 were non-munitions-related items (scrap metal and miscellaneous debris). Based on these results, the population of anomalies represented on the transects consists of 2.9 percent MD items and 97.1 percent non-munitions-related items. Results from the RI are consistent with previous work, such as the 1992 Phase I RI and the 1993 investigation, where only inert munitions related items were identified.

5.3 MC Characterization

5.3.1 Phase 3 of the investigation approach was intended to perform MC sampling to determine the nature and extent of potential releases that may be associated with MEC finds, if warranted, based on the Phase 2 results. Because MEC was not found during Phase 2 at Subareas 6 and 6A or DSA 1, there is not a source of MC and, therefore, MC characterization is not warranted. Background sampling of DSA 1 for the DSA background investigation is detailed in Appendix A.

Human Health Risk Assessment

6.0.1 An HHRA was conducted for Areas 6, 6A, 6B and DSA 1 at the former Arsenal. The purpose of the HHRA was to estimate the potential risks to human receptors associated with exposures to constituents detected in surface soil, subsurface soil, surface water, and sediment within Areas 6, 6A, 6B and DSA 1. The HHRA was conducted in accordance with guidance from the EPA, NJDEP, and USACE. The approach and methodology used to conduct the HHRA was provided in the RI/FS Work Plan (CH2M, 2016) and is presented in Appendix H. The results of the HHRA will be used in the site management decision-making process for Areas 6, 6A, 6B and DSA 1.

6.0.2 Chemicals that are likely naturally occurring and/or related to anthropogenic background sources were evaluated by comparing site concentrations to background levels, as well as using other lines of evidence, to determine if they were related to former operations at Areas 6, 6A, 6B and DSA 1. Future site management decisions will address only the chemicals related to the former site munitions storage and disposal operations. Coincidental chemicals present in site media that are related to background levels due to natural mineralogy, pesticide applications from facility maintenance, or non-point anthropogenic sources (e.g., PAHs from vehicular traffic or asphalt pavements) are not identified as releases related to DoD activities at Areas 6, 6A, 6B and DSA 1.

6.0.3 The site-specific data evaluation, selection of COPCs, exposure assessment, toxicity assessment, risk characterization (risk estimates), and uncertainty analysis for Areas 6, 6A, 6B and DSA 1 are discussed in the following sections. The risk assessment results are presented in Tables 6-1 through 6-5. Additional tables for the HHRA are provided in Appendix H, Attachments H-1 through H-6. The text describing the methodology and approach used to conduct the HHRA is also provided in Appendix H.

6.1 Data Evaluation and Identification of COPCs

6.1.1 This section summarizes the data evaluated in the HHRA for Areas 6, 6A, 6B and DSA 1 and presents the COPCs selected for further evaluation.

6.1.1 Summary of Data Evaluated in Risk Assessment

6.1.1.1 Analytical data for surface soil (0 to 2 feet bgs), subsurface soil (2 feet bgs to the depth of the water table), surface water, and sediment samples collected at Areas 6, 6A, 6B and DSA 1 were evaluated in the HHRA. Soil, sediment, and surface water data collected from August 1994 through September 2005 were evaluated in the HHRA. The soil, sediment, and surface water samples were analyzed for SVOCs, VOCs, pesticides/PCBs, dioxins and furans, explosives, and metals. A total of 55 surface soil, 11 subsurface soil, 29 surface water, and 34 sediment samples were used in the HHRA. The samples used in the HHRA are listed in Attachment H-2 of Appendix H. The analytical data associated with these samples are described in Section 3.3 and are provided in Appendix B.

6.1.1.2 As discussed in Appendix H, the carcinogenic PAHs (cPAHs) were evaluated by summing doses of component PAHs after scaling the doses relative to the potency of an index PAH (i.e., benzo[a]pyrene). Relative potency factors (RPFs) were applied to the concentrations of the component PAHs and the concentrations were summed to derive the benzo(a)pyrene equivalent (BEQ) concentration (EPA, 1993). Similarly, the dioxins and furans were evaluated as 2,3,7,8-TCDD TEQ concentrations using the TEF methodology (EPA, 2010), as discussed in Appendix H.

6.1.2 Screening Criteria

6.1.2.1 The COPC selection process included comparison of the maximum detected concentration of each constituent against EPA's *RSLs for Chemical Contaminants at Superfund Sites* (EPA, 2018), as discussed in detail in Section 2.2 in Appendix H. If the maximum detected concentration of a chemical exceeded the RSL, it was identified as a COPC. Chemicals that were not detected in any of the samples within an environmental medium were not included in the COPC selection process. Additionally, commonly occurring essential nutrients, including calcium, magnesium, potassium, and sodium, were not selected as COPCs.

6.1.2.2 Detected inorganic chemicals in site soil were also compared to BTVs. The BTVs are the 95 percent UTL of the 95th percentile (95/95 UTL) for the background soil samples collected from DSAs 1, 2, 3, and 5. The background sampling approach and derivation of the BTVs for the DSAs is provided in Appendix A; the BTVs are summarized in Table 6-1. As recommended in the *Defense Environmental Restoration Program (DERP) Management Manual* (DoD, 2012) and the *Tri-Service Position Paper on Background Levels in Risk Assessment* (USACE, 2011) chemicals that are consistent with background levels should not be identified as site-related COPCs and should not be quantitatively evaluated in the exposure assessment and risk characterization. However, EPA risk assessment guidance recommends carrying forward all inorganic chemicals above risk-based threshold levels as COPCs, regardless of their occurrence in background soils (EPA, 2002a). For a conservative evaluation, the EPA guidance was followed for selection of COPCs in the HHRA. The uncertainty associated with the COPCs occurring both in site soils and background soils at similar concentrations is discussed further in Section 6.5.4.

6.1.2.3 As recommended by NJDEP, the analytical data were also screened against NJDEP SRS values; however, the NJDEP criteria were not used in the COPC selection process. The results of this screening were used for informational purposes and are discussed in Section 6.5.3.

6.1.3 Constituents of Potential Concern

6.1.3.1 The COPC screening for Areas 6, 6A, 6B and DSA 1 is provided in Tables 2.1 through 2.4 of Attachment H-1 in Appendix H for surface soil, subsurface soil, surface water, and sediment. The COPCs identified for Areas 6, 6A, 6B and DSA 1 are summarized in Table 6-2 and listed below:

- **Surface Soil (0 to 2 feet bgs)** – Ten inorganic chemicals (aluminum, antimony, arsenic, cadmium, cobalt, iron, manganese, mercury, thallium, and vanadium), 2,3,7,8-TCDD TEQ, and BEQ were identified as COPCs in surface soil.
- **Subsurface Soil (2 to 7.7 feet bgs)** – Five inorganic chemicals (antimony, arsenic, cobalt, iron, and vanadium), one pesticide (heptachlor epoxide), 2,3,7,8-TCDD TEQ, and BEQ were identified as COPCs in subsurface soil.
- **Surface Water** – Sixteen inorganic chemicals (aluminum, antimony, arsenic, beryllium, cadmium, cobalt, copper, iron, lead, manganese, nickel, selenium, silver, thallium, vanadium, and zinc), one SVOC (bis[2-ethylhexyl]phthalate) and one VOC (trichloroethene [TCE]) were identified as COPCs in surface water.
- **Sediment** – Eleven inorganic chemicals (aluminum, antimony, arsenic, cadmium, cobalt, iron, manganese, mercury, nickel, thallium, and vanadium), one PCB (Aroclor-1260), one pesticide (4,4-DDD), 2,3,7,8-TCDD, and BEQ were identified as COPCs in sediment.

6.1.3.2 The COPCs identified for surface and subsurface soil were combined to identify the COPCs for the soil samples collected from the 0- to 7.7-foot depth interval, referred to as total soil.

6.2 Exposure Assessment

6.2.1 A CSM for Areas 6, 6A, 6B and DSA 1 is presented in Section 4. A general discussion of the role of exposure assessment and the exposure assessment methodology is included in Section 3 in Appendix H. The three components of the exposure assessment for Areas 6, 6A, 6B and DSA 1 are as follows:

- Characterization of exposure setting
- Identification of potential exposure pathways
- Quantification of exposure

6.2.2 Each of these steps is discussed below.

6.2.1 Characterization of Exposure Setting

6.2.1.1 The first step of the exposure assessment was to evaluate Areas 6, 6A, 6B and DSA 1 with respect to the physical characteristics and potential receptor populations under current and assumed future site conditions. The former Arsenal site is located on the north bank of the Raritan River and encompasses approximately 3,200 acres. The former Arsenal is bordered to the north and northwest by Woodbridge Avenue, to the southwest by Mill Road and the Industrial Land Reclamation Landfill, and to the south and east by the Raritan River.

6.2.1.2 Areas 6, 6A, 6B are in the eastern portion of the former Arsenal adjacent to the Raritan River, as shown on Figure 1-2. Areas 6, 6A, 6B encompass approximately 130 acres and DSA 1 encompasses approximately 89 acres.

6.2.1.3 Areas 6, 6A, 6B are mostly undeveloped wetland that is owned by FBC. The only development is the demolished remnants of the LaPlace, Inc. sulfuric acid manufacturing plant in Area 6A, which is currently a shipping facility parking lot. An occasional maintenance worker could visit the site while performing landscaping and maintenance activities. If future development occurs at the site, industrial/commercial workers and construction workers could be potential receptors. The wetland areas adjacent to the river may also be accessible to offsite public visitors, so future recreational users/trespassers are also considered potential receptors at the site.

6.2.1.4 Based on the current and possible future land use for Areas 6, 6A, 6B and DSA 1, the following receptors were quantitatively evaluated in the HHRA: current and future maintenance workers, future industrial/ commercial workers, future recreational users/trespassers, future construction/utility workers, and future hypothetical residents. Residential development at Areas 6, 6A, 6B and DSA 1 is unlikely; however, a hypothetical future residential scenario was included in the HHRA to evaluate the potential for unrestricted land use as an option during site management decisions.

6.2.2 Identification of Exposure Pathways

6.2.2.1 An exposure pathway can be described as the physical course that a COPC takes from the point of release (or source) to a receptor. The CSMs for Areas 6, 6A, 6B and DSA 1 are presented on Figures 4-1 and 4-2. The potential exposure pathways for Areas 6, 6A, 6B and DSA 1 are also identified in a tabular format in Table 1 in Attachment H-1 of Appendix H. Potential exposures to site surface soil (0 to 2 feet bgs), combined surface and subsurface soil (0 to 7.7 feet bgs), sediment, and surface water were evaluated in the HHRA. The depth interval of 0 to 2 feet bgs for surface soil is based on the assumption that soil up to 2 feet bgs could be disturbed and available for direct contact as a result of landscaping, outdoor play activities, and outdoor maintenance activities, such as digging, planting, and/or removal of vegetation.

6.2.2.2 The following text describes the exposure pathways that were quantitatively evaluated for the HHRA:

- **Maintenance Worker (Current/Future)** – Maintenance workers are assumed to be involved with landscaping activities and building maintenance. Ingestion, dermal contact, and inhalation exposures to COPCs in surface soil (0 to 2 feet bgs) at Areas 6, 6A, 6B and DSA 1 were quantified for maintenance workers.
- **Adult, Adolescent, and Child Recreational User/Trespasser (Future)** – It is possible that a recreational user/trespasser may access the site from the adjacent Raritan River. Therefore, a recreational/trespasser scenario was evaluated for Areas 6, 6A, 6B and DSA 1. Ingestion, dermal contact, and inhalation exposures to COPCs in surface soil (0 to 2 feet bgs) were quantified for recreational users/trespassers. Ingestion and dermal contact exposures to COPCs in surface water and sediment were also quantified for recreational users/trespassers assumed to be wading through the streams located within Areas 6, 6A, 6B and DSA 1.
- **Industrial/Commercial Worker (Future)** – A future industrial worker is assumed to have a higher frequency and duration of exposure to site soil compared to other workers (e.g., maintenance workers). Ingestion, dermal contact, and inhalation exposures to COPCs in surface soil (0 to 2 feet bgs) were quantified for industrial/commercial workers.
- **Construction/Utility Worker (Future)** – If the site is developed in the future, it is possible that construction activities or utility installation and maintenance activities could occur that result in exposures to site surface and subsurface soils. Therefore, a construction/utility worker scenario was evaluated for Areas 6, 6A, 6B and DSA 1. Ingestion, dermal contact, and inhalation exposures to COPCs in combined surface and subsurface soils, identified as total soil (0 to 7.7 feet bgs), were quantified for construction/utility workers.
- **Hypothetical Adult and Child Residents (Future)** – As previously stated, it is unlikely Areas 6, 6A, 6B and DSA 1 will be developed for residential use; however, the potential for future unrestricted land use was evaluated by including a hypothetical residential scenario. Ingestion, dermal contact, and inhalation exposures to COPCs in surface soil (0 to 2 feet bgs) and total soil (0 to 7.7 feet bgs) were quantified for hypothetical residents. Surface water and sediment were not quantitatively evaluated for a hypothetical resident because these media are evaluated under the recreational user/trespasser scenario. The recreational user/ trespasser receptors could be considered the future residents living near the areas with surface water.

6.2.2.3 The potentially complete pathways for Areas 6, 6A, 6B and DSA 1 are summarized in Table 6-3.

6.2.3 Quantification of Exposure

6.2.3.1 To evaluate the potentially complete exposure pathways further, the magnitude, frequency, and duration of exposures were estimated and quantified. Exposure point concentrations (EPCs) were identified and pathway-specific intakes were estimated based on an RME scenario.

6.2.3.2 The EPC is the concentration of a COPC at the point of contact to a human receptor. EPCs were estimated for each COPC identified in surface soil, subsurface soil, surface water, and sediment at Areas 6, 6A, 6B and DSA 1. The approach used to calculate EPCs is presented in Section 3.3 of Appendix H. The EPCs for each medium are included in Tables 3.1 through 3.4 of Attachment H-1 in Appendix H, and the ProUCL output is provided in Attachment H-3 of Appendix H.

6.2.3.3 The EPCs and exposure factors were used to calculate pathway-specific intakes for COPCs in soil, surface water, and sediment for potential receptors at Areas 6, 6A, 6B and DSA 1. The exposure factors used for each receptor are presented in Tables 4.1 through 4.8 of Attachment H-1 in Appendix H. Additionally, the chemical-specific dermal absorption factors for each COPC identified in soil and

sediment are presented in Table 4.1 Supplement of Attachment H-1 in Appendix H. The exposure factors used to quantify exposures for COPCs that act through a mutagenic mode of action, are provided in Attachment H-1 of Appendix H, Tables 4.3 Supplement and 4.4 Supplement for surface soil, Table 4.5 Supplement for surface water, Table 4.6 Supplement for sediment, and Tables 4.7 Supplement and 4.8 Supplement A for total soil. A site-specific particulate emission factor (PEF) was estimated for maintenance workers, recreational users/ trespassers, industrial/commercial workers, and hypothetical future residents using an exposure area of 1 acre, a wind speed of 5.36 meters per second, and default assumptions from EPA (2002b) guidance (Table 4.2 Supplement of Attachment H-1 in Appendix H). Another PEF was estimated for a construction/ utility worker using an exposure area of 1 acre and default assumptions from EPA (2002b) guidance (Table 4.8 Supplement B of Attachment H-1 in Appendix H).

6.3 Toxicity Assessment

6.3.1 The toxicity assessment identifies the toxicity values for the COPCs used to estimate potential health effects from exposures to site media. The cancer slope factors, reference doses, inhalation unit risk factors, and reference concentrations used in the HHRA were obtained from the EPA-recommended hierarchy of sources for toxicity factors (EPA, 2003), as follows:

- **Tier 1** – EPA’s Integrated Risk Information System database (EPA, 2019)
- **Tier 2** – Provisional Peer Reviewed Toxicity Value database maintained by the EPA’s National Center for Environmental Assessment and the Superfund Health Risk Technical Support Center
- **Tier 3** – Other EPA and non-EPA sources including the Agency for Toxic Substances and Disease Registry (ATSDR) Minimal Risk Levels (ATSDR, 2018), Health Effects Summary Tables (EPA, 1997a), and California Environmental Protection Agency Toxicity Criteria Database (2019)

6.3.2 A detailed discussion of the toxicity assessment is provided in Section 4 of Appendix H. The non-carcinogenic toxicity values used in the HHRA are provided in Tables 5.1 and 5.2 of Attachment H-1 in Appendix H, and the carcinogenic toxicity values are provided in Tables 6.1 and 6.2 of Attachment H-1 in Appendix H.

6.4 Risk Characterization

6.4.1 Potential carcinogenic risks and noncarcinogenic hazards were estimated for the COPCs for various receptors. The estimated risks and HIs were compared to EPA’s acceptable cancer risk management range and HI values. EPA generally considers an acceptable excess lifetime cancer risk (ELCR) range for a site to be within 1 to 100 in a million (1×10^{-6} to 1×10^{-4}) and an acceptable noncarcinogenic HI to be 1 or less (EPA, 1989). A risk level of 1×10^{-4} corresponds to the upper-end of EPA’s acceptable risk range, as discussed in the National Contingency Plan, 40 *Code of Federal Regulations* (CFR) Section 300.430. The upper boundary of the risk range is not a discrete line at 1×10^{-4} ; however, EPA generally uses 1×10^{-4} in making risk management decisions (EPA, 1991). Therefore, when a cumulative ELCR for a receptor group is less than 10^{-4} and the non-carcinogenic hazard quotient is less than 1 based on RME conditions, action generally is not warranted unless there are adverse environmental impacts (EPA, 1991). A discussion of the risk characterization methodology is provided in Section 5 of Appendix H.

6.4.1 Summary of Risk Estimates

6.4.1.1 The estimated ELCRs and HIs are based on potential exposures to the COPCs in surface soil, total soil, surface water, and sediment for the potential receptors discussed in the exposure assessment section for Area 6, 6A, 6B and DSA 1. The ELCR and HI calculations are provided in Tables 7.1 through 7.12 and are summarized in Tables 9.1 through 9.12 of Attachment H-1 in Appendix H.

6.4.1.2 Background ELCR and HI estimates were calculated for the soil inorganic COPCs to determine the background-related risks at the site. The background ELCR and HI calculations for soil are provided in Tables 7.1 through 7.12 and are summarized in Tables 9.1 through 9.12 of Attachment H-4 in Appendix H.

6.4.1.3 Table 6-4 summarizes the ELCRs and HIs estimated by receptor and exposure route. A comparison of the estimated site risks and background-related risks for the COPCs is provided in Table 6-5. Figures 6-1 and 6-2 present the graphic bar charts of the estimated site soil risks and background risks for each receptor group. The cumulative ELCRs and non-cancer HIs estimated for Areas 6, 6A, 6B and DSA 1 are discussed below for each exposure scenario:

- **Maintenance Worker – Current/Future Scenario**

- Potential exposures to surface soil through ingestion, dermal contact, and inhalation were estimated for a maintenance worker.
- The estimated site ELCR and HI were 3×10^{-5} and 0.4, respectively (Tables 7.1 and 9.1 in Attachment H-1 of Appendix H).
- The estimated background-related ELCR and HI were 3×10^{-5} and 0.3, respectively (Tables 7.1 and 9.1 in Attachment H-4 of Appendix H).
- The estimated site ELCR is less than the upper-end (1×10^{-4}) of EPA's acceptable risk range and the estimated site HI is less than the EPA threshold of 1.

- **Recreational User/Trespasser – Future Scenario**

- Potential exposures to surface soil through ingestion, dermal contact, and inhalation were estimated for recreational users/trespassers (adult, adolescent, and child). Additionally, potential exposures to surface water and sediment through ingestion and dermal contact were also estimated. The estimated ELCRs and HIs are summarized below:
 - Adult: Cumulative ELCR of 3×10^{-5} and HI of 0.5 (Tables 7.2 and 9.2 in Attachment H-1 of Appendix H).
 - Adolescent: Cumulative ELCR of 2×10^{-5} and HI of 0.7 (Tables 7.3 and 9.3 in Attachment H-1 of Appendix H).
 - Child: Cumulative ELCR of 4×10^{-5} and HI of 2 (Tables 7.4 and 9.4 in Attachment H-1 of Appendix H).
 - The estimated site ELCRs for adult, adolescent, and child recreational users/trespassers are less than the upper-end (1×10^{-4}) of EPA's acceptable risk range. The HI for a child recreational user/trespasser is greater than the EPA threshold value of 1; however, none of the target-organ-specific HIs exceed 1.
- Background-related risks were estimated for surface soil. The estimated background-related ELCRs and HIs are summarized below:
 - Adult: Cumulative ELCR of 6×10^{-6} and HI of 0.08 (Tables 7.2 and 9.2 in Attachment H-4 of Appendix H).
 - Adolescent: Cumulative ELCR of 5×10^{-6} and HI of 0.1 (Tables 7.3 and 9.3 in Attachment H-4 of Appendix H).
 - Child: Cumulative ELCR of 2×10^{-5} and HI of 0.8 (Tables 7.4 and 9.4 in Attachment H-4 of Appendix H).

- **Industrial/Commercial Worker – Future Scenario**
 - Potential exposures to surface soil through ingestion, dermal contact, and inhalation were estimated for an industrial/commercial worker.
 - The estimated site ELCR and HI were 4×10^{-5} and 0.4, respectively (Tables 7.5 and 9.5 in Attachment H-1 of Appendix H).
 - The estimated background-related ELCR and HI were 3×10^{-5} and 0.4, respectively (Tables 7.5 and 9.5 in Attachment H-4 of Appendix H).
 - The estimated site ELCR is less than the upper-end (1×10^{-4}) of EPA's acceptable risk range and the estimated site HI is less than the EPA threshold of 1.
- **Construction/Utility Worker – Future Scenario**
 - Potential exposures during construction/excavation activities to combined surface and subsurface soil (total soil) through ingestion, dermal contact, and inhalation were estimated for a construction/utility worker.
 - The estimated site ELCR and HI were 4×10^{-6} and 1, respectively (Tables 7.6 and 9.6 in Attachment H-1 of Appendix H).
 - The estimated background-related ELCR and HI were 4×10^{-6} and 1, respectively (Tables 7.6 and 9.6 in Attachment H-4 of Appendix H).
 - The estimated site ELCR is less than the upper-end (1×10^{-4}) of EPA's acceptable risk range and the estimated site HI is equal to the EPA threshold of 1.
- **Hypothetical Resident – Future Scenario**
 - Future residential receptors (adult and child) were evaluated for direct exposure to surface soil and combined surface and subsurface soil (total soil) through ingestion, dermal contact, and inhalation. The estimated ELCRs and HIs are summarized below:
 - Surface Soil Results:
 - Adult: Cumulative site HI of 0.6 (Tables 7.7 and 9.7 in Attachment H-1 of Appendix H).
 - Child: Cumulative site HI of 6 (Tables 7.8 and 9.8 in Attachment H-1 of Appendix H).
 - Aggregate (adult and child): Cumulative site ELCR of 2×10^{-4} (Tables 7.9 and 9.9 in Attachment H-1 of Appendix H).
 - The estimated site ELCR is greater than the upper-end (1×10^{-4}) of EPA's acceptable risk range due to arsenic, BEQ, and 2,3,7,8-TCDD TEQ. The estimated site HI is greater than the EPA threshold of 1 for a child resident due to arsenic and vanadium.
 - The estimated background HIs for future adult and child residents were 0.6 and 6, respectively, and the estimated background ELCR for future residents was 2×10^{-4} (Tables 7.7 through 7.9 and Tables 9.7 through 9.9 in Attachment H-4 of Appendix H).
 - Combined Surface and Subsurface Soil (Total Soil) Results:
 - Adult: Cumulative site HI of 0.6 (Tables 7.10 and 9.10 in Attachment H-1 of Appendix H).
 - Child: Cumulative site HI of 6 (Tables 7.11 and 9.11 in Attachment H-1 of Appendix H).
 - Aggregate (adult and child): Cumulative site ELCR of 1×10^{-4} (Tables 7.12 and 9.12 in Attachment H-1 of Appendix H).

- The estimated site ELCR is equal to the upper-end (1×10^{-4}) of EPA's acceptable risk range. The estimated site HI is greater than the EPA threshold of 1 for a child resident due to arsenic and vanadium.
- The estimated background HIs for future adult and child residents were 0.6 and 6, respectively, and the estimated background ELCR for future residents was 2×10^{-4} (Tables 7.10 through 7.12 and Tables 9.10 through 9.12 in Attachment H-4 of Appendix H).

6.4.1.4 Overall, the estimated site ELCRs were less than the upper-end (1×10^{-4}) of EPA's acceptable risk range and the estimated site HIs for each target organ were less than or equal to EPA's threshold of 1 for potential maintenance workers, recreational users/trespassers, industrial/commercial workers, and construction/utility workers (Table 6-4). For a residential scenario, the estimated site ELCR for surface soil exceeded the upper-end (1×10^{-4}) of EPA's acceptable risk range and the estimated HIs for surface and total soil exceeded EPA's threshold of 1. The ELCR and HI exceedances were primarily from arsenic in site soil. Arsenic was detected at concentrations attributable to background levels. As discussed in Section 3.5, a two-sample randomization (permutation) test was performed on the site soil and background data, and the results indicated that the arsenic concentrations in site soil were not statistically greater than the background concentrations (Table 3-11). After removing the background contributions for arsenic in soil, the estimated ELCRs and HIs are within acceptable levels for a residential scenario. Therefore, no constituents of concern (COCs) attributable to a DoD release were identified for soil, sediment, or surface water at Areas 6, 6A, 6B and DSA 1.

6.5 Uncertainty Analysis

6.5.1 The general uncertainties associated with the HHRA are discussed in Section 6 of Appendix H. Specific uncertainties for Areas 6, 6A, 6B and DSA 1 are discussed below.

6.5.1 Chemicals without Screening Levels

6.5.1.1 Soil and sediment screening levels were not available for three PAHs (acenaphthylene, benzo[g,h,i]perylene, and phenanthrene), one SVOC (dimethyl phthalate), and two pesticides (alpha-chlordane and gamma-chlordane). Therefore, surrogate chemicals were identified for the COPC screening (Tables 2.1 through 2.4 of Attachment H-1 in Appendix H) based on structural and functional similarities. Using surrogates in the COPC screening process could underestimate or overestimate potential risks for Areas 6, 6A, 6B and DSA 1; however, surrogate chemicals were conservatively selected for the chemicals that did not have screening levels. A screening level was not available for carbazole detected in site sediment and a surrogate chemical was not identified; however, carbazole was only detected in 1 of 27 sediment samples.

6.5.2 Screening of Non-detected Chemicals

6.5.2.1 For chemicals that were 100 percent non-detected in each environmental matrix (exposure domain), the maximum non-detected values were compared to their respective EPA RSLs. The results of the comparison are presented in Tables 1 through 4 of Attachment H-5 of Appendix H. Twenty-three analytes in surface soil had maximum non-detected concentrations greater than their respective residential soil RSLs, including explosives, PCBs, pesticides, VOCs, and SVOCs. In subsurface soil, 23 analytes had maximum non-detected concentrations exceeding their respective residential soil RSLs, including explosives, metals, PCBs, pesticides, VOCs, and SVOCs. Twenty-five and 81 non-detected analytes exceeded their respective RSLs in sediment and surface water, respectively. The elevated detection limits above criteria could be due to multiple reasons such as: analytical data were collected over time and analyzed by different laboratories; analytical detections have been refined/ lowered in more recent times; and toxicity criteria for some of the chemicals may have also become more conservative over time. Additionally, the tap water RSLs were used to screen the non-detect

concentrations in surface water, which is a conservative evaluation because it is unlikely surface water would be used as a potable water source.

6.5.3 Data Screening Using New Jersey Soil Remediation Standards

6.5.3.1 A separate screening evaluation was included in the HHRA that compared the maximum detected concentrations against the residential NJDEP SRS values (see Attachment H-6 of Appendix H). The results of the screening are provided below for each medium:

- **Surface Soil** – Arsenic, BEQ, and vanadium exceeded the NJDEP residential SRS. These chemicals also exceeded the EPA's RSLs.
- **Subsurface Soil** – Antimony, arsenic, BEQ, and heptachlor epoxide exceeded the NJDEP residential SRS and also exceeded the EPA's RSL.
- **Sediment** – Aroclor-1260, Arsenic, BEQ, and vanadium exceeded the NJDEP residential SRS. These chemicals also exceeded the EPA's RSLs.

6.5.3.2 Overall, fewer chemicals exceeded the NJDEP SRS values than the EPA's RSLs. All the chemicals that exceeded the NJDEP values also exceeded the EPA's RSLs, and therefore were included in the quantitative risk estimates in the HHRA. Therefore, there are no significant uncertainties associated with not including the NJDEP SRS in the COPC selection process for the HHRA.

6.5.4 COPCs Attributable to Background Levels

6.5.4.1 The inorganic chemicals detected at concentrations less than BTVs were included as COPCs for surface soil and subsurface soil. Five metals (cobalt, iron, manganese, mercury, and vanadium) were identified as COPCs in surface soil but were detected at concentrations less than their respective BTVs. Four metals (arsenic, cobalt, iron, and vanadium) were identified as COPCs in subsurface soil but were detected at concentrations less than their respective BTVs. Five COPCs (aluminum, antimony, arsenic, cadmium, and thallium) were detected in surface soil at concentrations greater than their respective BTVs; however, less than 5 percent of the detected site concentrations for antimony and arsenic exceeded the BTVs (i.e., over 95 percent of the site concentrations were less than the BTVs), suggesting their presence in site surface soil is related to background levels associated with the dredge spoils. Aluminum, cadmium, and thallium exceeded their respective BTVs in more than 5 percent of the site surface soil samples:

- Aluminum exceeded the BTV in 13 percent of the site surface soil samples. Aluminum was detected in site surface soil at concentrations ranging from 1,790 mg/kg to 28,700 mg/kg, compared to a BTV of 25,325 mg/kg.
- Cadmium exceeded the BTV in 6 percent of the site surface soil samples. Cadmium was detected in site surface soil at concentrations ranging from 0.049 mg/kg to 16.2 mg/kg, compared to a BTV of 3.4 mg/kg.
- Thallium exceeded the BTV in 15 percent of the site surface soil samples. Thallium was detected in site surface soil at concentrations ranging from 0.99 mg/kg to 3.4 mg/kg, compared to a BTV of 1.04 mg/kg.
- Neither aluminum, cadmium, nor thallium were identified as risk drivers in site surface soil; the estimated ELCR for cadmium and the HIs for all three constituents under a residential scenario were within the acceptable risk criteria (Tables 7.8 and 9.8 and Tables 7.9 and 9.9 of Attachment H-1 in Appendix H).
- One inorganic COPC (antimony) exceeded the BTV in subsurface soil. Antimony was detected in subsurface soil at concentrations ranging from 21.8 mg/kg to 33.8 mg/kg, compared to a BTV of

5.4 mg/kg. Antimony was not a risk driver in subsurface soil; the estimated HI for antimony was 0.1 for a hypothetical child resident potentially exposed to total soil (Tables 7.11 and 9.11 of Attachment H-1 in Appendix H).

6.5.4.2 Overall, based on the comparisons of site concentrations to the BTVs, it can be concluded that the majority of inorganic COPCs identified in site soil are likely related to the background levels associated with the dredge spoils deposited at Areas 6, 6A, 6B and DSA 1. Of the inorganic COPCs that were detected in more than 5 percent of site soil samples at concentrations greater than their respective BTVs, none were identified as risk drivers in site soil.

6.5.5 Exposure Point Concentrations

The site data collected from Areas 6, 6A, 6B and DSA 1 were combined as one dataset to estimate the EPCs (i.e., typically the upper confidence level [UCL] on the mean) in the HHRA. For comparison purposes, an area-weighted approach was also evaluated to determine if area-weighted UCLs would differ from the UCLs used in the HHRA. In the area-weighted approach, the estimated UCLs were weighted together to account for the relative portions of the area over which they are located. The soil data (0-7.7 feet bgs) were grouped by the three subareas (Area 6, Area 6A, and Area 6B), as shown in Figure 3-1, to estimate the weighted UCLs. The acreage used in the weighted UCL calculations was based on the area from which the soil samples were collected at each subarea. The weighted UCLs were calculated using the Interstate Technology and Regulatory Council's calculation spreadsheet, "Calculation of Weighted 95% UCLs for a Combined Decision Unit from Several Smaller Decision Units," as provided in Attachment H-7 of Appendix H. Only COPCs with more than one analytical result at each of the subareas were included in the weighted UCL calculations.

The area-weighted UCLs were slightly greater than the unweighted UCLs for three COPCs (arsenic, mercury, and thallium), as provided on Table 6-6. Arsenic and mercury were detected in site soil at concentrations less than background levels, as discussed in Section 6.5.4. Additionally, the area-weighted UCL for thallium would still result in acceptable hazards for potential receptors. Therefore, there would be no changes to the overall HHRA conclusions (i.e., no unacceptable risks or hazards for site-related COPCs) if the area-weighted UCLs were used to estimate potential risks for these COPCs in the HHRA.

6.5.6 Toxicity Values

6.5.5.1 Provisional toxicity factors are provided by EPA prior to a complete peer review and finalization of the toxicity factors. Therefore, the use of provisional toxicity factors is associated with a degree of uncertainty in the estimated risks in the risk assessment. Provisional toxicity values were used in the HHRA for several COPCs to quantify risks, as indicated in Tables 5.1, 5.2, 6.1, and 6.2 of Attachment H-1 in Appendix H. Therefore, the quantitative estimates of risk for these constituents are associated with greater uncertainty.

6.5.7 Risk Characterization

6.5.6.1 An important additional source of uncertainty is introduced in this phase of the HHRA—the combination of upper-bound intake estimates with upper-bound toxicity estimates. Generally, the goal of a baseline risk assessment is to estimate an upper-bound, but reasonable, potential risk. Most of the assumptions about exposure and toxicity used in this HHRA are representative of statistical upper-bounds for each parameter. The result of combining several such upper-bound assumptions is that the final estimate of potential risk is conservative.

6.5.6.2 There are uncertainties regarding the estimated risks for a future hypothetical residential scenario due to the limited number of soil samples from Areas 6, 6A, 6B and DSA 1. Additionally, it is

unknown how the site would be subdivided if the site was developed for residential use. The EPCs estimated over the entire site may not conservatively represent the EPCs for smaller residential parcels.

6.6 Summary and Conclusions

6.6.1 The HHRA for Areas 6, 6A, 6B and DSA 1 evaluated analytical data for surface soil (0 to 2 feet bgs), subsurface soil (2 to 7.7 feet bgs), sediment, and surface water. The potential receptors evaluated in the HHRA included current/future maintenance workers and future recreational users/trespassers, industrial workers, construction workers, and hypothetical residents. Areas 6, 6A, 6B and DSA 1 will likely remain primarily undeveloped in the foreseeable future. However, a hypothetical residential scenario was included to evaluate the potential for an unrestricted land use scenario. A summary of the risk results for each potential receptor is provided in Table 6-4. The potential exposure pathways and risk results are discussed below:

- Current and future **maintenance workers** were assumed to be exposed to surface soil (0 to 2 feet bgs). The estimated cancer risks and non-cancer HIs were within the acceptable risk criteria; therefore, no COCs attributable to a DoD release were identified for a current/future maintenance worker scenario.
- Future **recreational users/trespassers** (adult, adolescent, and child) were assumed to be exposed to surface soil (0 to 2 feet bgs), surface water, and sediment. The estimated ELCRs and non-cancer HIs were within the acceptable risk criteria; therefore, no COCs attributable to a DoD release were identified for a future recreational user/trespasser.
- Future **industrial/commercial workers** were assumed to be exposed to surface soil (0 to 2 feet bgs). The estimated ELCRs and non-cancer HIs were within the acceptable risk criteria; therefore, no COCs attributable to a DoD release were identified in surface soil for a future industrial/commercial scenario.
- Future **construction/utility workers** were assumed to be exposed to total soil (0 to 7.7 feet bgs). The estimated ELCRs and non-cancer HIs were within the acceptable risk criteria; therefore, no COCs attributable to a DoD release were identified in total soil for a future construction/utility worker scenario.
- Future **residents** (adult and child) were assumed to be exposed to surface soil (0 to 2 feet bgs) and total soil (0 to 7.7 feet bgs). The estimated ELCRs and non-cancer HIs exceeded the acceptable risk criteria for surface soil and/or total soil and the exceedances were primarily from arsenic. Arsenic was detected in site soil at concentrations attributable to background levels. As discussed in Section 3.5, a two-sample randomization (permutation) test was performed on the site soil and background data, and the results indicated that the arsenic concentrations in site soil were not statistically greater than the background concentrations (Table 3-11). After removing the background contributions for arsenic in site soil, the estimated ELCRs and HIs are within acceptable levels for a residential scenario. Therefore, no COCs attributable to a DoD release were identified in surface soil or total soil for a future residential scenario.

6.6.2 Overall, the HHRA indicated that after removing the background contributions for arsenic, potential exposures to site soil, sediment, and surface water at Areas 6, 6A, 6B and DSA 1 would result in estimated ELCRs less than the upper-end (1×10^{-4}) of EPA's acceptable risk range and estimated HIs less than the target organ HI of 1. Therefore, no COCs attributable to a DoD release were identified for Areas 6, 6A, 6B and DSA 1 based on the current and planned future land use for the site.

Ecological Risk Assessment

7.1 Introduction

7.1.1 This section completes a BERA addendum to evaluate the potential for ecological risk from DoD-related activities in Areas 6, 6A, 6B and DSA 1. Consistent with the ERA approach presented in Appendix K of the RI/FS Work Plan (CH2M, 2016), the following text only discusses the risks that could be associated with MC. The evaluation considered the results of the sitewide BERA (Weston, 2008). The sections that follow provide a qualitative evaluation of ecological risk associated with historical DoD-related activities in Areas 6, 6A, 6B and DSA 1.

7.2 Site/Habitat Description

7.2.1 The majority of Areas 6, 6A, 6B and DSA 1 consists of emergent wetland (*Phragmites*), with old field habitat occurring along the northeastern border of Area 6. Old field habitat is the dominant habitat in Subarea 6A, with estuarine emergent wetland (*Phragmites*) occurring along the southwestern corner of this area. Areas 6, 6A, and 6B wetlands are dominated by common reed (*Phragmites australis*), with small stands of saltmarsh cordgrass (*Spartina alterniflora*). The disturbed old field areas are dominated by grasses such as little bluestem (*Andropogon scoparius*), India grass (*Sorghastrum nutans*), and common reed (*Phragmites australis*), with some of the areas supporting woody vegetation, such as young gray birch (*Betula populifolia*) and staghorn sumac (*Rhus typhina*). The areas provide habitat for a variety of potential ecological receptors, including white-footed mouse (*Peromyscus leucopus*), short-tail shrew (*Blarina brevicauda*), white-tailed deer (*Odocoileus virginianus*), red foxes (*Vulpes fulva*), and possibly Norway rats (*Rattus norvegicus*).

7.2.2 Because the area contains wetlands, the site is considered an environmentally sensitive natural resource pursuant to the NJDEP's *Ecological Evaluation Technical Guidance* (NJDEP, 2015).

7.3 Ecological Risk Assessment and Conclusions

7.3.1 All eight steps of the ERA have been completed for the former Arsenal, consistent with the process described in EPA's *Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments* (1997b). Steps 1, 2, and 3 of the ERA were presented in the following reports:

- *Final Screening-Level Ecological Risk Assessment Report, Former Raritan Arsenal, Edison, New Jersey* (Weston, 2004a)
- *Final Draft Problem Formulation – Baseline Ecological Risk Assessment, Former Raritan Arsenal Edison, New Jersey* (Weston, 2004b)

7.3.2 The ERA focused on the sitewide evaluation of ecological risks based on the evaluation of drainage areas, with a total of eight drainage areas identified for evaluation. The results of the screening-level ERA indicated the potential for ecological risk from chemicals in soil, sediment, and surface water within the eight drainage areas. The problem formulation statement (Weston, 2004b) then established the goals, breadth, and focus of the BERA, and presented a CSM that identified the potential chemical transport pathways, receptors, and areas of primary concern. It also presented a series of testable hypotheses and predictions for testing them, using a variety of measurement endpoints to evaluate ecological risks at the former Arsenal.

7.3.3 Step 4 (Study Design and DQO process) and the approach to Step 5 (Verification of Field Sampling Design), which were included as part of the BERA study design, were presented in the *Draft Final Baseline Ecological Risk Assessment Work Plan, Former Raritan Arsenal, Edison, New Jersey* (Weston, 2005a) and subsequently implemented during the BERA site investigation (first part of Step 6).

The sitewide BERA investigation included the following site-specific analyses:

- Chemical analysis of soil, sediment, and surface water
- Chronic soil bioassays with the earthworm *Lumbricus terrestris* (tissue data were not available for Areas 6, 6A, and 6B because no earthworms were present (due to sandy site conditions that do not provide adequate habit for earthworms to survive))
- Chronic sediment bioassays with the freshwater amphipod *Hyalella Azteca* and *Chironomus dilutus* (formerly called *Chironomus tentans*) and the estuarine amphipod *Leptocheirus plumulosus*
- Benthic macroinvertebrate community analysis
- Tissue residue chemical analysis of plant, earthworm (where present), small mammal, frog, fiddler crab, and fish

7.3.4 The BERA report incorporated the evaluation of these data (second part of Step 6, Data Analysis, and Step 7, Risk Characterization) and initiated Step 8 (Risk Management) of the ERA process. The *Ecological Risk Management Report, Former Raritan Arsenal, New Jersey* (Weston, 2011) was completed as a preliminary draft in July 2011, and presented risk management conclusions about the potential for adverse effects on ecological receptors at the former Arsenal.

7.3.5 Within the BERA, Areas 6, 6A, 6B and DSA 1 were evaluated as part of the Red Root Creek and Black Ditch drainage systems. Groundwater area of concern (AOC) AOC 19 is located within the Area 6, 6A, 6B and DSA 1 footprint. The AOC was further investigated as reported in the *Draft Supplemental Groundwater Data Report* (Weston 2005b).

7.3.6 The BERA concluded that, with few exceptions, there were no significant impacts to ecological receptors evaluated within estuarine environments located on the former Arsenal. Because conditions identified during this RI did not differ significantly from those identified during previous investigation work, additional ecological risk evaluation is not warranted for Areas 6, 6A, or 6B.

MEC Evaluation

8.0.1 The results of evaluations of Areas 6, 6A, 6B and DSA 1 using the *Risk Management Methodology at FUDS MMRP Projects* (USACE, 2017a) are presented below, along with the revised CSM. For ease of review, the corresponding tables are provided within this section.

8.1 MEC Risk Management Methodology

8.1.1 In accordance with the USACE Technical Memorandum *Trial Period for Risk Management Methodology at FUDS MMRP Projects* (USACE, 2017b), a risk assessment was performed to evaluate if there are acceptable or unacceptable human health risks due to potential MEC presence at Areas 6, 6A, 6B and DSA 1. The risk assessment was performed to satisfy the requirements of 40 CFR Section 300.175(d)(4).

8.1.2 The MEC Risk Management Methodology was applied to differentiate acceptable versus unacceptable site conditions. Using the site-specific CSM data, the risk assessment evaluated the likelihood of encounter, severity of encounter, and likelihood of detonation. This information was used to support the acceptable/unacceptable risk determination for a site. The risk assessment consists of four matrices:

- **Matrix 1** – Evaluates the likelihood of an MEC encounter based on access conditions and the amount of MEC.
- **Matrix 2** – Evaluates the severity of an incident based on the likelihood of encounter (determined in Matrix 1) and severity associated with unintentional detonation of the MEC items at the Site.
- **Matrix 3** – Evaluates the likelihood of detonation based on MEC sensitivity and the likelihood to impart energy on an item.
- **Matrix 4** – Identifies acceptable or unacceptable site conditions, based on the results from Matrix 2 and 3.

8.1.3 The MEC Risk Management Methodology considered site-specific current or reasonably anticipated future land use scenarios.

8.1.1 Likelihood of Encounter

8.1.1.1 Matrix 1, the likelihood of a MEC encounter (see Table 8-1), is based on the access conditions and amount of MEC present.

Table 8-1. Matrix 1 – Likelihood of Encounter*Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey*

	Access Conditions (frequency of use)			
	Regular (e.g., daily use, open access)	Often (e.g., less regular or periodic use, some access)	Intermittent (e.g., some irregular use, or access limited)	Rare (e.g., very limited use, access prevented)
Likelihood of Encounter, Matrix 1: Amount of MEC vs. Access Conditions				
<ul style="list-style-type: none"> MEC is visible on the surface and detected in the subsurface. 	Frequent	Frequent	Likely	Occasional
<ul style="list-style-type: none"> The area is identified as a Concentrated Munitions Use Area (CMUA) where MEC is known or suspected (e.g., munitions debris [MD] indicative of MEC is identified) to be present in surface and subsurface. 	Frequent	Likely	Occasional	Seldom
<ul style="list-style-type: none"> MEC presence based on physical evidence (e.g., MD indicative of MEC), although the area is not a CMUA, or The MEC concentration is below a project-specific threshold to support this selection (e.g., less than 1.0/acre at 95 percent confidence). 	Likely	Occasional	Seldom	Unlikely
Amount of MEC <ul style="list-style-type: none"> MEC presence is based on isolated historical discoveries (e.g., explosive ordnance disposal [EOD] report) prior to investigation, or A Defense Environmental Restoration Program (DERP) response action has been conducted to physically remove MEC and known or suspected hazard remains to support this selection (e.g., surface removal where subsurface not addressed), or The MEC concentration is below a project-specific threshold to support this selection (e.g., less than 0.5/acre at 95 percent confidence). 	Occasional	Seldom	Unlikely	Unlikely
<ul style="list-style-type: none"> MEC presence is suspected based on historical evidence of munitions use only, or A DERP response action has been conducted to physically remove surface and subsurface MEC (evidence that some residual hazard remains to support this selection), or The MEC concentration is below a project-specific threshold to support this selection (e.g., less than 0.25/acre at 95 percent confidence). 	Seldom	Seldom	Unlikely	Unlikely
<ul style="list-style-type: none"> Investigation of the site did not identify evidence of MEC presence, or A DERP response action has been conducted that will achieve unlimited use and unrestricted exposure. 	Unlikely	Unlikely	Unlikely	Unlikely

8.1.1.1 Access Conditions

8.1.1.1.1 Access conditions are selected based on considerations of the access and frequency of use for the site. Areas 6, 6A, 6B and DSA 1 is owned by FBC, is currently undeveloped, and the majority of the site is densely vegetated wetland. Almost all of the land in Areas 6, 6A, and 6B is undeveloped marsh, with the exception of the demolished remnants of a sulfuric acid plant formerly located in Subarea 6A, currently a shipping facility parking lot. The property owner maintains several gates along the boundary, including a gate and a No Trespassing sign at the intersection of Riverside Drive and Cattail Way near the western end of Area 6B; a gate near the southeastern corner of Area 6; and gates near the southwestern corner of Area 6 (Figure 1-2). The property owner also maintains a chain link fence along the northern boundary of Area 6B and the DSA 2 surrounding areas, an No Trespassing Signs on all undeveloped properties, and a professional roving safety patrol that drives around the properties, main roads and undeveloped properties between 4 pm and 8 am Monday through Friday and weekend coverage from Friday at 4 pm to Monday at 8 am, 365 days a year. As shown in the graphical CSM (Figure 8-1), current potential receptors include maintenance and industrial/commercial workers as well as recreational users/trespassers. Future land use is not anticipated to change. However, if adjacent areas are developed in the future, Areas 6, 6A, 6B and DSA 1 could become more accessible than they currently are. Though not anticipated, future receptors were conservatively assumed to include construction/utility workers and residents. Based on the current and anticipated future land use and access conditions, the MEC risk assessment assumed “Rare” access (e.g., very limited use, access prevented) for all Areas 6, 6A, 6B and DSA 1.

8.1.1.2 Amount of MEC

8.1.1.2.1 Amount of MEC was determined using the previous investigation reports and RI characterization data. As discussed in Section 3, Site Characterization, multiple investigations have been conducted across Areas 6, 6A, 6B and DSA 1, and no MEC items have been discovered. Because historical data were not sufficient to evaluate the potential risk of MEC exposure within Areas 6, 6A, and DSA 1, DGM and intrusive investigation was performed in 2013/2014, and confirmed the absence of MEC at depth. A total of 318 point-source anomalies with unknown metallic sources that could potentially be MEC or MPPEH in the subsurface were identified along the DGM transects. Of these, a total of 205 locations were intrusively investigated comprised of 187 anomaly locations initially investigated plus 18 locations (not including the 3 underwater, 2 QC seeds, and 6 fence/backfill locations) investigated in May and June 2014 (Figure 5-1). MD was recovered from 6 anomaly locations (Figure 5-3), consisting of frag items and an empty grenade fuze. All items were certified as MDAS. The remainder of the anomaly sources at DSA 1 were non-munitions-related items (scrap metal and miscellaneous debris). Based on these results, the population of anomalies represented on the transects consists of 2.9 percent MD items and 97.1 percent non-munitions-related items. Results from the RI are consistent with previous work, such as the 1992 Phase I RI and the 1993 investigation, where only inert munitions related items were identified.

8.1.1.2.2 No MEC were identified during the intrusive investigation completed as part of this RI, and no constituents were identified in soil, sediment, or surface water that pose an unacceptable risk to human health or the environment. The likelihood of encountering MEC in Areas 6, 6A, 6B and DSA 1 is considered “Unlikely” (see Table 8-1).

8.1.2 Severity of Incident

8.1.2.1 Matrix 2, the severity of an unintentional MEC detonation (see Table 8-2), is based on the likelihood of encounter (discussed above) and the severity associated with specific munitions items.

Table 8-2. Matrix 2 – Severity of Incident*Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey*

Severity of Explosive Incident, Matrix 2: Severity vs. Likelihood of Encounter		Likelihood of Encounter				
		Frequent (regular, or inevitable occurrences)	Likely (several or numerous occurrences)	Occasional (sporadic or intermittent occurrences)	Seldom (infrequent, rare occurrences)	Unlikely (not probable)
Severity Associated with Specific Munitions Items	Catastrophic/Critical: <i>May result in 1 or more deaths, permanent total or partial disability, or hospitalization</i>	A	A	B	B	D
	Modest: May result in 1 (or more) injury resulting in emergency medical treatment, without hospitalization	B	B	B	C	D
	Minor: May result in 1 or more injuries requiring first aid or medical treatment	B	C	C	C	D
	Improbable: No injury is anticipated	D	D	D	D	D

“A” indicates conditions most likely to result in determination of an unacceptable risk.

“D” indicates conditions most likely to result in determination of an acceptable risk.

8.1.2.1 Severity Associated with Specific Munitions Items

8.1.2.1.1 As identified in Section 4.1, Potential Source Areas, no MEC items have been identified at Areas 6, 6A, 6B and DSA 1 and explosives were not detected at elevated concentrations in soil, surface water, and sediment samples. However, based on the type of MD, the risk assessment assumed “catastrophic/critical (may result in 1 or more deaths, permanent total or partial disability, or hospitalization)” severity.

8.1.2.1.2 Given the Likelihood of Encounter (i.e., “Unlikely”) and Severity Associated with Specific Munitions Items (i.e., “catastrophic/critical”) factors, the Severity of Incident for Areas 6, 6A, 6B and DSA 1 is considered a “D.”

8.1.3 Likelihood of Detonation

8.1.3.1 Matrix 3, the likelihood of detonation (see Table 8-3), is based on the sensitivity of munitions items and the likelihood for energy to be imparted on an item.

Table 8-3. Matrix 3 – Likelihood of Detonation

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

		Likelihood to Impart Energy on an Item		
		High (e.g., areas planned for development, or seasonally tilled)	Modest (e.g., undeveloped, wildlife refuge, parks)	Inconsequential (e.g., not anticipated, prevented, mitigated)
Sensitivity Susceptibility to Detonation	Likelihood of Detonation, Matrix 3: Munitions Sensitivity vs. Likelihood of Energy to be Imparted			
	High (e.g., classified as sensitive)	1	1	3
	Moderate (e.g., high explosive or pyrotechnics)	1	2	3
	Low (e.g., propellant or bulk secondary explosives)	1	3	3
	Not Sensitive	2	3	3

8.1.3.1 Sensitivity

8.1.3.1.1 As discussed in Section 3, Site Characterization, no MEC items were identified at Areas 6, 6A, 6B, and explosives were not detected at elevated concentrations in soil, surface water, and sediment samples. However, based on the type of MD recovered, the sensitivity of MEC was selected as “High (e.g., classified as sensitive).”

8.1.3.2 Likelihood to Impart Energy

8.1.3.2.1 This factor takes into consideration the known activities at the site that may cause an interaction that results in energy being imparted on a munitions item by human activity. The current land use of Areas 6, 6A, 6B and DSA 1 is undeveloped. Future land use is anticipated to remain similar. Though development of nearby properties may occur in the future, the majority of the site is densely vegetated wetland. As such, and because no items have been previously encountered, the likelihood to impart energy on an item in Areas 6, 6A, 6B and DSA 1 was characterized as “Modest.”

8.1.3.2.2 Based on the selected Sensitivity and Likelihood to Impart Energy factors, the Likelihood of Detonation is considered a “1.”

8.1.4 Acceptable and Unacceptable Site Conditions

8.1.4.1 Matrix 4 (see Table 8-4) provides the overall risk for the site and differentiates “Acceptable” from “Unacceptable” conditions. The results from Matrices 2 and 3 are used to determine acceptable or unacceptable site conditions.

8.1.4.2 As discussed above, Matrix 2 (Severity of Incident) scored a “D” and Matrix 3 (Likelihood of Detonation) scored a “3.” As such, the risk assessment for Areas 6, 6A, 6B and DSA 1 is identified as “Acceptable” site conditions.

Table 8-4. Matrix 4 – Acceptable and Unacceptable Site Conditions*Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey*

Acceptable and Unacceptable Site Conditions		Result from Matrix 2			
		A	B	C	D
Result from Matrix 3	1	Unacceptable	Unacceptable	Unacceptable	<u>Acceptable</u>
	2	Unacceptable	Unacceptable	Acceptable	Acceptable
	3	Unacceptable	Acceptable	Acceptable	Acceptable

Note: Multiple conditions may exist within a site, such that unique baselines risks can be established for the multiple explosive hazards that are present within the same property. Acceptable conditions indicate input factors are collectively determined to support a negligible risk. Project teams shall consider the nature of the specific item within the site and the probability to encounter to support the selection on the scale.

8.2 Risk Assessment Findings

8.2.1 As summarized in Table 8-5, the human health risk due to the possible presence of MEC for Areas 6, 6A, 6B and DSA 1 is determined to be “Acceptable,” and is recommended for NFA.

Table 8-5. MEC Risk Management Methodology Summary*Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey*

Risk Management Matrix	Areas 6, 6A, 6B and DSA 1
Matrix 1	Unlikely
Matrix 2	D
Matrix 3	1
Matrix 4	D-1
Risk Determination	Acceptable

8.3 Revised Conceptual Site Model

8.3.1 A CSM describes the site and its environment, both natural and man-made, that is based on existing knowledge. It describes sources of MEC known or suspected to be present on the site, potential receptors, and the interactions that link them. The CSM illustrates the current and potential future exposure pathways based on the information provided in this RI. The components of the CSM are presented below.

8.3.2 The revised CSM for Area 6, 6A, 6B and DSA 1, based on review of historical documents and this RI is provided as Figure 8-1.

8.3.1 Nature and Extent of MEC (MEC Source)

8.3.1.1 Multiple investigations have been conducted across Areas 6, 6A, and 6B, and no MEC items have been discovered. No MEC were identified during the intrusive investigation completed as part of this RI, and no explosives or other munition constituents were identified in soil, sediment, or surface water that pose an unacceptable risk to human health or the environment. These findings indicate that Areas 6, 6A, and 6B and DSA 1 have a low likelihood of MEC, supported by the weight-of evidence evaluation detailed in Section 8.1.

8.3.2 Media of Concern (MEC Interaction)

8.3.2.1 No MEC were identified during previous investigations or the intrusive investigation completed as part of this RI. Based on the findings of the RI, MEC is no longer suspected to be present in site soils (surface or subsurface).

8.3.3 Potential Receptors

8.3.3.1 Potential receptors at Areas 6, 6A, 6B and DSA 1 include the following:

- **Maintenance Workers** – may be exposed to potential surface MEC (exposed to the surface via frost heave or erosion) when involved in building maintenance and to subsurface MEC while involved in landscaping
- **Industrial/Commercial Workers** – work primarily indoors and do not participate in intrusive activities but may have limited exposure to surface MEC (that is exposed to the surface via frost heave or erosion)
- **Recreational User/Trespasser** – may be exposed to surface MEC (exposed to the surface via frost heave or erosion) when recreating

8.3.3.2 Though not anticipated, future receptors are conservatively assumed to also include:

- **Construction/Utility Workers** – may be exposed to potential surface (exposed to the surface via frost heave or erosion) and subsurface MEC when performing construction or utility work that involves soil removal/excavation activities
- **Resident** – are assumed to have unlimited site access and therefore may be exposed to surface MEC (exposed to the surface via frost heave or erosion) and subsurface MEC

8.3.4 Summary of MEC Exposure Routes

8.3.4.1 Multiple investigations have been conducted across Areas 6, 6A, 6B and DSA 1, and no MEC items have been discovered. No MEC were identified during the intrusive investigation completed as part of this RI. Based on the results of the RMM, the human health risk due to the possible presence of MEC for Areas 6, 6A, 6B and DSA 1 is determined to be “Acceptable”. Consequently, the CSM (Figure 8-1) reflects incomplete MEC exposure pathways for all current and future receptors.

8.4 Remedial Investigation Findings

8.4.1 Based on the results of the MEC Risk Management Methodology and the revised CSM, the RI findings are as summarized in Table 8-6.

Table 8-6. Areas 6, 6A, 6B and DSA 1 Remedial Investigation Findings

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Site	Findings	Acreage
Areas 6, 6A, 6B and DSA 1	NFA FS not warranted	170

Summary and Conclusions

9.0.1 This RI focused on Areas 6, 6A, 6B and DSA 1 located along the east side of the former Arsenal. Subareas 6A and 6B were used as burning grounds for various ammunition components up to and including the former Arsenal closeout in 1963. DSA 1, which extends beneath the eastern side of Subarea 6 and all of Subarea 6A, was filled with dredge material from the Raritan River channel between approximately 1940 and 1956. The area is currently undeveloped marsh, with the exception of a shipping facility parking lot within Subarea 6A. Fieldwork presented in this RI includes an intrusive investigation of geophysical anomalies across previously unmapped portions of Subareas 6 and 6A and DSA 1. While no additional MC samples were collected as part of this RI, historical soil, sediment, and surface water samples were evaluated, and soil samples were collected from DSA 1 as part of a background study of the former Arsenal DSAs. No MEC were identified during the intrusive investigations. MD items were recovered from within the south-central side of DSA 1 and the southeastern side of Subarea 6. NFA is recommended for MEC, MC and HTW associated with Areas 6, 6A, 6B and DSA 1, based on an evaluation of the data previously collected and as presented in this RI and summarized below.

9.1 MEC Investigation Summary and Conclusions

9.1.1 The primary source of potential contamination at Areas 6, 6A, 6B and DSA 1 is MEC remaining from use of the former burning grounds and MEC munitions items contained in material dredged from the Raritan River and placed in DSA 1. MEC from the burning grounds would be distributed on the surface within Subareas 6A and 6B, and in the DSA would be randomly distributed throughout the land area at various depths within the subsurface or clustered within the subsurface. Areas 6, 6A, 6B and DSA 1 consist of predominantly undeveloped wetlands. The former burning grounds areas were cleared during closure of the former Arsenal and no MEC items have been discovered during historical investigations of the former burning grounds (Subareas 6A and 6B), former impoundments (Subarea 6) or resulting from placement of dredged spoils from the Raritan River (DSA 1). No MEC were identified during the historical intrusive investigations or during the more recent intrusive investigation completed as part of this RI. Results from the RI are consistent with previous work, such as the 1992 Phase I RI and the 1993 investigation, where only inert munitions related items were identified.

9.1.2 Potential exposure to explosive hazards due to the possible presence of MEC at Areas 6, 6A, 6B and DSA 1 was evaluated using the MEC Risk Management Methodology at Formerly Used Defense Sites. Using this methodology, the overall risk for the site was deemed acceptable, based on a combination of low likelihood of encountering MEC, low severity of unintentional MEC detonation, and modest likelihood to impart energy. The modified MEC CSM reflects incomplete MEC exposure pathways for all current and future receptors, and a recommendation of NFA for Areas 6, 6A, 6B and DSA 1 is proposed based on historical removal actions and the MEC Risk Management Methodology finding.

9.2 HTW Summary and Conclusions

9.2.1 Previous investigations at Areas 6, 6A, and 6B include a Contamination Evaluation, Phase I RI, Phase II RI, and BERA, and included sampling of surface and subsurface soil, sediment, and surface water. Evaluation of previous data indicate that levels of select PAHs and metals exceed RSLs and/or background concentrations in soil and sediment samples collected from Areas 6, 6A, and 6B; however, these constituents are generally widespread across these areas at similar concentrations and cannot be directly attributed to DoD-related activities or MEC source areas. No DoD-related COCs were identified

for soil, sediment, or surface water as part of this RI, and no risks were identified for ecological receptors.

9.2.2 The baseline HHRA conducted as part of this RI estimated the potential risks to human receptors associated with exposures to constituents detected in surface soil (0 to 2 feet bgs), subsurface soil (2 to 7.7 feet bgs), surface water, and sediment within Areas 6, 6A, 6B and DSA 1. The potential receptors evaluated in the HHRA included current/future maintenance workers and future recreational users/trespassers, industrial workers, construction workers, and hypothetical residents. Areas 6, 6A, 6B and DSA 1 will likely remain primarily undeveloped in the foreseeable future. However, a hypothetical residential scenario was included to evaluate the potential for an unrestricted land use scenario. A summary of the risk results for each potential receptor is provided in Table 6-4. The potential exposure pathways and risk results are discussed below:

- Current and future **maintenance workers** were assumed to be exposed to surface soil (0 to 2 feet bgs). The estimated cancer risks and non-cancer HIs were within the acceptable risk criteria; therefore, no COCs attributable to a DoD release were identified for a current/future maintenance worker scenario.
- Future **recreational users/trespassers** (adult, adolescent, and child) were assumed to be exposed to surface soil (0 to 2 feet bgs), surface water, and sediment. The estimated ELCRs and non-cancer HIs were within the acceptable risk criteria; therefore, no COCs attributable to a DoD release were identified for a future recreational user/trespasser.
- Future **industrial/commercial workers** were assumed to be exposed to surface soil (0 to 2 feet bgs). The estimated ELCRs and non-cancer HIs were within the acceptable risk criteria; therefore, no COCs attributable to a DoD release were identified in surface soil for a future industrial/commercial scenario.
- Future **construction/utility workers** were assumed to be exposed to total soil (0 to 7.7 feet bgs). The estimated ELCRs and non-cancer HIs were within the acceptable risk criteria; therefore, no COCs attributable to a DoD release were identified in total soil for a future construction/utility worker scenario.
- Future **residents** (adult and child) were assumed to be exposed to surface soil (0 to 2 feet bgs) and total soil (0 to 7.7 feet bgs). The estimated ELCRs and non-cancer HIs exceeded the acceptable risk criteria for surface soil and/or total soil due primarily to arsenic. Arsenic was detected in site soil at concentrations attributable to background levels. As discussed in Section 3.5, a two-sample randomization (permutation) test was performed on the site soil and background data, and the results indicated that the arsenic concentrations in site soil were not statistically greater than the background concentrations (Table 3-11). After removing the background contributions for arsenic in site soil, the estimated ELCRs and HIs are within acceptable levels for a residential scenario. Therefore, no COCs attributable to a DoD release were identified in surface soil or total soil for a future residential scenario.

9.2.3 Overall, the HHRA indicated that after removing the background contributions for arsenic, potential exposures to site soil, sediment, and surface water at Areas 6, 6A, 6B and DSA 1 would result in estimated ELCRs less than the upper-end (1×10^{-4}) of EPA's acceptable risk range and estimated HIs less than the target organ HI of 1. Therefore, no COCs attributable to a DoD release were identified for Areas 6, 6A, 6B and DSA 1 based on the current and planned future land use for the site.

9.3 Conclusions

9.3.1 No MEC were identified during the historical intrusive investigations or during the intrusive investigation completed as part of this RI, and no DoD-related constituents were identified in soil,

sediment, or surface water that pose an unacceptable risk to current/future receptors. NFA is recommended for MEC, MC and HTW associated with Areas 6, 6A, 6B and DSA 1 based on an evaluation of the data previously collected and as presented in this RI.

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Tables

Table 1-1. Areas of Investigation at the Former Raritan Arsenal*Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey*

Area Name	Approximate Acreage	Description
Area 5	10 acres	Located in the central-eastern portion of the former Arsenal, this area consists of the Former Chemical/Mustard Disposal Area.
Areas 6, 6A, 6B, DSA 1, and Surrounding Areas	236 acres	Located in the southeastern portion of the former Arsenal, this area comprises the Former Burning Ground and Impoundment Areas, as well as an area of additional dredge deposits/spoils referred to as DSA 1.
Areas 9 and 19	350 acres	Located in the central-western portion of the former Arsenal, this area comprises Area 9 (Former Magazine H-65 Explosion Area) and Area 19 (Former Magazine Area).
Area 10	143 acres	Located on the western side of the former Arsenal, this area comprises the Former Wastewater Treatment and Magazine Area.
Area 11, DSA 2, and Surrounding Areas	130 acres	Located in the south-central portion of the former Arsenal, this area comprises the Former Dredged Material and Explosives Disposal Area, as well as an area of additional dredge deposits/spoils referred to as DSA 2.
Area 12, OB/OD, DSA 3, and Surrounding Areas	235 acres	Located in the southeastern portion of the former Arsenal, this area comprises the Former Dredged Material and Explosives Detonation Area, an area referred to as OB/OD, which presents the maximum “kickout” distances of munitions from former explosive detonation operations, and an area of additional dredge deposits/spoils beyond the boundary of Area 12 referred to as DSA 3.
Area 13	23 acres	Located in the south-central portion of the former Arsenal, this area comprises a thin strip of land alongside the dock, the Submerged Dock Area and approximately 17 acres of the Raritan River adjacent to the dock.
Areas 16 and 16A and Surrounding Areas	352 acres	Located in the southwestern portion of the former Arsenal, this area comprises the Former Magazine Area.
Area 18D, Middlesex Interfaith Partners and Beechwood Development	104 acres	Located in the northwestern portion of the former Arsenal, between Middlesex County College and the EPA/GSA Property, this area comprises the Trench of Shell Casings and the Beechwood Trench, a condominium complex referred to as Beechwood Development, and homeless shelter referred to as Middlesex Interfaith Partners.
DSAs 4 and 6	94 acres	DSAs 4 and 6 are located within the center of the Raritan River, south of the former Arsenal. These areas comprise discontinuous islands where it was speculated that dredge deposits/spoils were placed.
DSA 5	228 acres	DSA 5 is also located to the south of the former Arsenal, and comprises the maximum extent of area permissible to dispose of dredge deposits/spoils on the southern shore of the Raritan River, and comprises the “Spoils Area,” an 8-acre parcel of spoils.
EPA/GSA Property	178 acres	Located in the north-central portion of the former Arsenal, this area comprises Areas 1, 18A, 18B, 18C, 18E, 18F, and 18G.
Commercial/Industrial Area	1,233 acres	Located in the center of the former Arsenal, this area comprises Areas 2, 3, 4, 7, 8, 15, and 20, in addition to the Owens Illinois Area, Building 151, the Inland Container Corporation, and the area in the far north of the former Arsenal referred to as the Exclusion Area.

Table 1-1. Areas of Investigation at the Former Raritan Arsenal

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Area Name	Approximate Acreage	Description
Middlesex County College	169 acres	Located in the northwest corner of the former Arsenal, this area contains Areas 17, 17A, X, H, W, Building 118, and additional areas such as the High Traffic Area, UST removal areas, and the PCB Transformer Areas.
Total Area	3,485 acres	

Notes:

DSA = dredge spoil area

EPA = U.S. Environmental Protection Agency

GSA = General Services Administration

OB/OD = open burn/open detonation

PCB = polychlorinated biphenyl

UST = underground storage area

Table 1-2. Other Areas at the Former Raritan Arsenal

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Area Name	Approximate Acreage	Description
Capped Area 14 (Ineligible)	189 acres	Located in the eastern portion of the former Arsenal, this was former marshland and used for deposition of dredged material from the Raritan River. The land owner (FBC) obtained NJDEP approval to construct a large package distribution complex on this site, with the backfilling, building, pavement, and landscaping serving to cap soil contamination.
Army Reserve Center (Ineligible)	9 acres	Located to the west of the former Arsenal, these two non-contiguous areas are an active Army Reserve Center.
Total Area	198 acres	

Note:

NJDEP = New Jersey Department of Environmental Protection

Table 1-3. Investigations and Actions Completed for Areas 6, 6A, and 6B

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Date	Name of Investigation
1963	Surface Clearance and Disking to 6 Inches by LEAD (Dames & Moore, 1993b)
1988	Contamination Evaluation (O'Brien & Gere, 1989)
1992	Phase I RI (Dames & Moore, 1993a)
1993	Archival Search Report (Dames & Moore, 1993b)
1993	Geophysical Mapping and Sampling (EODT, 1993)
1994	Phase II RI (Weston, 1997)
2008	Baseline Ecological Risk Assessment

Notes:

LEAD = Letterkenny Army Depot

RI = remedial investigation

EODT = EOD Technology

Report Citations:

Dames & Moore, Inc. 1993a. *Final Report. Phase I Remedial Investigation of Selected Areas of Former Raritan Arsenal*. April.

Dames & Moore, Inc. 1993b. *Archival Search Report, Former Raritan Arsenal*. July.

EOD Technology, Inc. (EODT). 1993. *Final Report for the Geophysical Mapping and Sampling of Areas 2, 3, 4, 6, 8, 9, 10, 11, 13, 14, 15, 16, 16A, 18B, 18C, 18D, 19, and MCC at the Former Raritan Arsenal, Edison, Edison, New Jersey*. November.

O'Brien & Gere Engineers, Inc. 1989. *Final Engineering Report, Former Raritan Arsenal, Contamination Evaluation, Edison, NJ*. August.

Roy F. Weston, Inc. 1997. *Final Report of Investigation, Former Raritan Arsenal, Area 6 Investigation*. March.

Weston Solutions, Inc. (Weston). 2008. *Baseline Ecological Risk Assessment Report, Former Raritan Arsenal, Edison, New Jersey*. March.

Table 3-1. Areas 6, 6A, and 6B Surface Soil Sample Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Area Name	Station ID	Sample ID	Date Collected	Matrix	Depth Interval	VOC	SVOC	Dioxins/ Furans	PESTICIDE/ PCBS	METALS	EXPLOSIVES	TNT (JENKINS)	INORGANIC (Moisture, pH)	ORGANIC (TOC)
Area 6	0601	SS-0601A	8/31/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0601	SS-0601B	8/31/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0602	SS-0602A	8/31/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0602	SS-0602B	8/31/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0603	SS-0603A	8/31/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0603	SS-0603B	8/31/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0604	SS-0604A	8/31/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0604	SS-0604B	8/31/1994	SS	1-1.5	X	X		X	X		X	X	
Area 6	0605	SS-0605A	9/1/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0605	SS-0605B	9/1/1994	SS	1.5-2	X	X		X	X		X	X	
Area 6	0606	SS-0606A	8/31/1994	SS	0 - 0.5	X	X		X	X	X	X	X	
Area 6	0606	SS-0606B	8/31/1994	SS	1.5-2	X	X		X	X		X	X	
Area 6	0607	SS-0607A	9/1/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0607	SS-0607B	9/1/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0608	SS-0608A	9/1/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0608	SS-0608B	9/1/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0609	SS-0609A	9/1/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0609	SS-0609B	9/1/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0610	SS-0610A	9/1/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0610	SS-0610B	9/1/1994	SS	1-1.5	X	X		X	X	X	X	X	
Area 6	0611	SS-0611A	9/1/1994	SS	0 - 0.5	X	X		X	X	X	X	X	X
Area 6	0611	SS-0611B	9/1/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0612	SS-0612A	9/1/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0612	SS-0612B	9/1/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0613	SS-0613A	9/2/1994	SS	0 - 0.5	X	X		X	X	X	X	X	
Area 6	0613	SS-0613B	9/2/1994	SS	0.5-1	X	X		X	X		X	X	X
Area 6	0614	SS-0614A	9/2/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0614	SS-0614B	9/2/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0615	SS-0615A	9/2/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0615	SS-0615B	9/2/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0616	SS-0616A	9/2/1994	SS	0 - 0.5	X	X		X	X	X	X	X	
Area 6	0616	SS-0616B	9/2/1994	SS	0.5-1	X	X		X	X		X	X	
Area 6	0617	SS-0617A	9/6/1994	SS	0 - 0.5	X	X		X	X	X	X	X	
Area 6	0617	SS-0617B	9/6/1994	SS	1.2-1.7	X	X		X	X		X	X	
Area 6	0618	SS-0618A	9/6/1994	SS	0 - 0.5	X	X		X	X		X	X	
Area 6	0618	SS-0618B	9/6/1994	SS	1.5-2	X	X		X	X		X	X	
Area 6	0621	SS-0621A	10/6/1994	SS	0 - 0.5	X	X		X	X		X	X	

Table 3-1. Areas 6, 6A, and 6B Surface Soil Sample Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Area Name	Station ID	Sample ID	Date Collected	Matrix	Depth Interval	VOC	SVOC	Dioxins/ Furans	PESTICIDE/ PCBS	METALS	EXPLOSIVES	TNT (JENKINS)	INORGANIC (Moisture, pH)	ORGANIC (TOC)
Area 6	0621	SS-0621Z	10/6/1994	SS	1.5-2	X	X		X	X	X		X	
Area 6	0622	SS0622	7/22/2005	SS	0					X			X	
Area 6	0623	SS0623	7/22/2005	SS	0					X			X	
Area 6A	0623	SS-06A01A	8/29/1994	SS	0 - 0.5			X		X		X	X	X
Area 6A	0623	SS-06A02A	8/29/1994	SS	0 - 0.5					X		X	X	
Area 6A	0623	SS-06A02B	8/29/1994	SS	0.5-1					X		X	X	
Area 6A	06A03	SS-06A03A	8/29/1994	SS	0.3-2			X		X		X	X	
Area 6A	06A04	SS-06A04A	8/29/1994	SS	0 - 0.5					X		X	X	
Area 6A	06A04	SS-06A04B	8/29/1994	SS	0.5-1			X		X		X	X	
Area 6A	06A05	SS-06A05A	8/29/1994	SS	0 - 0.5					X		X	X	
Area 6A	06A05	SS-06A05B	8/29/1994	SS	0.5-1					X		X	X	
Area 6A	06A06	SS-06A06A	8/29/1994	SS	0 - 0.5					X	X	X	X	
Area 6A	06A06	SS-06A06B	8/29/1994	SS	0.5-1					X		X	X	
Area 6A	06A07	SS-06A07A	8/29/1994	SS	0 - 0.5					X		X	X	
Area 6A	06A07	SS-06A07B	8/29/1994	SS	1.8-2.3					X		X	X	
Area 6A	06A08	SS-06A08A	8/29/1994	SS	0 - 0.5					X		X	X	X
Area 6A	06A08	SS-06A08B	8/29/1994	SS	1.5-2			X		X		X	X	
Area 6B	06B05	SS-06B05A	9/7/1994	SS	1.5-2	X	X		X	X		X	X	

PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

SS = surface soil

SVOC = semivolatile organic compound

TNT = 2,4,6-trinitrotoluene

TOC = total organic carbon

VOC = volatile organic compound

X = indicates the analysis was performed

Table 3-2. Areas 6, 6A, and 6B Surface Soil Analytical Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	Parameter Name	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	Background Value ^a	EPA Residential Soil RSL ^b	NJDEP Residential Direct Contact Soil Remediation Standard ^d	NJDEP Non-residential Direct Contact Soil Remediation Standard ^d	Percentage of Results Exceeding Background (%)	Number of RSL Exceedances	Number of NJDEP Residential SRS Exceedances	Number of NJDEP Non-residential SRS Exceedances
VOC	2-Butanone	0.027	0617	0.063	0601	mg/kg	2 / 39	--	2700	3100	44000	--	0	0	0
VOC	Toluene	0.003	0602	0.003	0602	mg/kg	1 / 39	--	490	6300	91000	--	0	0	0
VOC	Carbon Disulfide	0.008	0615, 0617	0.027	0611	mg/kg	3 / 39	--	77	7800	110000	--	0	0	0
VOC	Methylene Chloride	0.017	0614	0.1	0616	mg/kg	5 / 39	--	35	46	230	--	0	0	0
VOC	Benzene	0.007	0615	0.007	0615	mg/kg	1 / 39	--	1.2	2	5	--	0	0	0
VOC	Acetone	0.13	0617, 0621	0.13	0617, 0621	mg/kg	2 / 39	--	6100	70000	--	--	0	0	--
VOC	Xylenes (Total)	0.009	0621	0.009	0621	mg/kg	1 / 39	--	58	12000	170000	--	0	0	0
SVOC	2-Methylnaphthalene	0.15	0621	0.15	0621	mg/kg	1 / 39	--	24	230	2400	--	0	0	0
SVOC	Acenaphthene	0.17	0621	0.17	0621	mg/kg	1 / 39	--	360	3400	37000	--	0	0	0
SVOC	Anthracene	0.051	0616	0.085	0616	mg/kg	3 / 39	--	1800	17000	30000	--	0	0	0
SVOC	Benzo(a)anthracene	0.044	0617	0.28	0601	mg/kg	27 / 39	--	1.1	5	17	--	0	0	0
SVOC	Benzo(a)pyrene	0.047	0621	0.36	0601	mg/kg	20 / 39	--	0.11	0.5	2	--	16	0	0
SVOC	Benzo(b)fluoranthene	0.068	0617, 0621	0.76	0601	mg/kg	30 / 39	--	1.1	5	17	--	0	0	0
SVOC	Benzo(g,h,i)perylene	0.12	0614	0.26	0611	mg/kg	6 / 39	--	180	380000	30000	--	0	0	0
SVOC	Benzo(k)fluoranthene	0.048	0611	0.23	0601	mg/kg	21 / 39	--	11	45	170	--	0	0	0
SVOC	Bis(2-ethylhexyl) Phthalate	0.067	0612	2.5	0606	mg/kg	18 / 39	--	39	35	140	--	0	0	0
SVOC	Butylbenzylphthalate	0.19	0617	0.19	0617	mg/kg	1 / 39	--	290	1200	14000	--	0	0	0
SVOC	Chrysene	0.043	0617	0.42	0610	mg/kg	27 / 39	--	110	450	1700	--	0	0	0
SVOC	Dibenzofuran	0.072	0621	0.072	0621	mg/kg	1 / 39	--	7.3	--	--	--	0	--	--
SVOC	Fluoranthene	0.068	0617	0.69	0601	mg/kg	33 / 39	--	240	2300	24000	--	0	0	0
SVOC	Fluorene	0.12	0621	0.12	0621	mg/kg	1 / 39	--	240	2300	24000	--	0	0	0
SVOC	Indeno(1,2,3-c,d)pyrene	0.071	0604	0.27	0611	mg/kg	12 / 39	--	1.1	5	17	--	0	0	0
SVOC	Naphthalene	0.071	0613	0.66	0621	mg/kg	2 / 39	--	3.8	6	17	--	0	0	0
SVOC	Phenanthrene	0.057	0618	0.34	0601	mg/kg	19 / 39	--	1800	--	300000	--	0	--	0
SVOC	Pyrene	0.036	0621	0.83	0601	mg/kg	34 / 39	--	180	1700	18000	--	0	0	0
DIOXINS/FURANS	HPCDD (Total)	0.00004	06A08	0.00016	06A01	mg/kg	2 / 4	--	--	--	--	--	--	--	--
DIOXINS/FURANS	2,3,7,8-TCDD TEQ	5.53E-06	06A04	1.13E-05	06A01	mg/kg	4 / 4	--	4.80E-06	--	--	--	4	--	--
PESTICIDE/PCBS	4,4-DDD	0.002	0621	0.076	0611	mg/kg	5 / 39	--	0.19	3	13	--	0	0	0
PESTICIDE/PCBS	4,4-DDE	0.014	0605	0.14	0611	mg/kg	2 / 39	--	2	2	9	--	0	0	0
PESTICIDE/PCBS	4,4-DDT	0.0016	0609	1.2	0611	mg/kg	17 / 39	--	1.9	2	8	--	0	0	0
PESTICIDE/PCBS	Aldrin	0.0016	0621	0.0016	0621	mg/kg	1 / 39	--	0.039	0.04	0.2	--	0	0	0
PESTICIDE/PCBS	Heptachlor Epoxide	0.0012	0621	0.03	0603	mg/kg	2 / 39	--	0.07	0.07	0.3	--	0	0	0
METALS	Aluminum, Total	1790	06A01	28700	0605	mg/kg	15 / 15	25325	7700	78000	--	13	9	0	--
METALS	Antimony, Total	1.2	0612, 0614	5.9	0610	mg/kg	15 / 53	5.401	3.1	31	450	2	5	0	0
METALS	Arsenic, Total	4.2	0618	238	0603	mg/kg	55 / 55	179	0.68	19	19	4	55	37	37
METALS	Barium, Total	9.3	06A07	1480	0615	mg/kg	53 / 53	216.7	1500	16000	59000	4	0	0	0
METALS	Beryllium, Total	0.27	06A07	1.3	0612	mg/kg	34 / 53	1.637	16	16	140	0	0	0	0
METALS	Cadmium, Total	0.049	06A06	16.2	06A05	mg/kg	25 / 50	3.402	7.1	78	78	6	2	0	0
METALS	Calcium, Total	167	06A08	102000	0617	mg/kg	15 / 15	5890	--	--	--	20	--	--	--
METALS	Chromium, Total	9.1	06A07	217	06A02	mg/kg	53 / 53	201.3	12000	--	--	2	0	--	--
METALS	Cobalt, Total	4	06A08	10.6	0605	mg/kg	14 / 15	19.09	2.3	1600	590	0	14	0	0
METALS	Copper, Total	5.5	06A04	289	0601	mg/kg	53 / 53	634	310	3100	45000	0	0	0	0
METALS	Cyanide, Total	0.92	0609	0.92	0609	mg/kg	1 / 12	--	2.3	47	680	--	0	0	0
METALS	Iron, Total	8280	0621	53900	0602	mg/kg	15 / 15	66999	5500	--	--	0	15	--	--
METALS	Lead, Total	10	0621	301	0606	mg/kg	48 / 55	294	400	400	800	2	0	0	0
METALS	Magnesium, Total	264	06A01	6850	0605	mg/kg	15 / 15	11115	--	--	--	0	--	--	--
METALS	Manganese, Total	13.6	06A01	297	0605	mg/kg	15 / 15	596.7	180	11000	5900	0	4	0	0
METALS	Mercury, Total	0.1	0617	2.4	0612	mg/kg	34 / 53	3.569	2.3	23	65	0	1	0	0
METALS	Nickel, Total	2.7	06A01	37.1	0610	mg/kg	53 / 53	51.85	150	1600	23000	0	0	0	0
METALS	Potassium, Total	507	06A01	5620	0602	mg/kg	15 / 15	5690	--	--	--	0	--	--	--
METALS	Selenium, Total	0.19	06A08	19.9	0612	mg/kg	41 / 53	9.536	39	390	5700	13	0	0	0
METALS	Silver, Total	0.2	0618	5.4	0608	mg/kg	32 / 53	6.607	39	390	5700	0	0	0	0
METALS	Sodium, Total	83.87	0621	1570	0602	mg/kg	13 / 15	25710	--	--	--	0	--	--	--
METALS	Thallium, Total	0.99	06A07	3.4	0602	mg/kg	9 / 53	1.036	0.078	--	--	15	9	--	--
METALS	Vanadium, Total	10.6	06A01	86.4	0602	mg/kg	15 / 15	119.2	39	78	1100	0	9	1	0
METALS	Zinc, Total	17	06A01	315	06A06	mg/kg	53 / 53	709	2300	23000	110000	0	0	0	0
TNT (JENKINS)	2,4,6-Trinitrotoluene (Jenkins)	1.2	06A02	37	0610	mg/kg	21 / 52	--	3.6	--	--	--	14	--	--
INORGANIC	% Solids	23.9	0610	94.5	0621	%	55 / 55	--	--	--	--	--	--	--	--
INORGANIC	PH	3.2	0608	8.3	0617	ph units	53 / 53	--	--	--	--	--	--	--	--
ORGANIC	Total Organic Carbon	1820	06A08	45200	06A01	mg/kg	4 / 4	--	--	--	--	--	--	--	--

^a Background soil values are the 95% upper tolerance limit (UTL) with 95% coverage (95/95 UTL) for the dredge spoil areas.^b EPA's Regional Screening Levels (RSLs) for Residential Soil. November 2018. <https://www.epa.gov/risk/regional-screening-levels-rsls>. If an RSL was not available for a constituent, the RSL for a surrogate chemical with structural and functional similarities was used.

Table 3-2. Areas 6, 6A, and 6B Surface Soil Analytical Summary
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	Parameter Name	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	Background Value ^a	EPA Residential Soil RSL ^b	NJDEP Residential Direct Contact Soil Remediation Standard ^c	NJDEP Non-residential Direct Contact Soil Remediation Standard ^c	Percentage of Results Exceeding Background (%)	Number of RSL Exceedances	Number of NJDEP Residential SRS Exceedances	Number of NJDEP Non-residential SRS Exceedances
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^c NJDEP Residential and Non-residential Direct Contact Soil Remediation Standards (SRSs). September 2017. <http://www.state.nj.us/dep/srp/regs/rs/>. If an SRS was not available for a constituent, the SRS for a surrogate chemical with structural and functional similarities was used.

HPCDD = heptachlorodibenzo-p-dioxin
 VOC = volatile organic compound
 SVOC = semivolatile organic compound
 PCB = polychlorinated biphenyl
 2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalence

Table 3-3. Areas 6, 6A, and 6B Subsurface Soil Sample Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Area Name	Station ID	Sample ID	Date Collected	Matrix	Depth Interval	VOC	Dioxins/ Furans	SVOC	PESTICIDE/ PCBS	METALS	EXPLOSIVES	TNT (JENKINS)	INORGANIC (Solids, pH)
Area6	0621	SS-0621B	10/6/1994	SB	5-5.5	X		X	X	X		X	X
Area 6B	06B01	SS-06B01AZ	9/6/1994	SB	3 - 3.5	X	X	X	X	X		X	X
Area 6B	06B02	SS-06B02A	9/7/1994	SB	4-5	X		X	X	X	X	X	X
Area 6B	06B02	SS-06B02AZ	9/7/1994	SB	5-5.5	X		X	X	X	X	X	X
Area 6B	06B03	SS-06B03A	9/7/1994	SB	3-3.5	X		X	X	X		X	X
Area 6B	06B03	SS-06B03AZ	9/7/1994	SB	4-4.5	X		X	X	X		X	X
Area 6B	06B04	SS-06B04A	9/7/1994	SB	2.5-3	X		X	X	X		X	X
Area 6B	06B04	SS-06B04Z	9/7/1994	SB	3-3.5	X		X	X	X		X	X
Area 6B	06B05	SS-06B05Z	9/7/1994	SB	3-3.5	X		X	X	X		X	X
Area 6B	06B06	SS-06B06A	9/6/1994	SB	2-4	X	X	X	X	X		X	X
Area 6B	06B06	SS-06B06Z	9/6/1994	SB	7.2-7.7	X	X	X	X	X		X	X

SB = subsurface soil

VOC = volatile organic compound

SVOC = semivolatile organic compound

PCB = polychlorinated biphenyl

TNT = 2,4,6-trinitrotoluene

X = indicates the analysis was performed

Table 3-4. Areas 6, 6A, and 6B Subsurface Soil Analytical Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	Parameter Name	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	Background Value ^a	EPA Residential Soil RSL ^b	NJDEP Residential Direct Contact Soil Remediation Standard ^c	NJDEP Non-residential Direct Contact Soil Remediation Standard ^c	Percentage of Results Exceeding Background (%)	Number of RSL Exceedances	Number of NJDEP Residential SRS Exceedances	Number of NJDEP Non-residential SRS Exceedances
VOC	2-Butanone	0.011	06B04	0.027	06B03	mg/kg	4 / 11	--	2700	3100	44000	--	0	0	0
VOC	Acetone	0.12	06B06	0.27	06B03	mg/kg	2 / 11	--	6100	70000	--	--	0	0	--
VOC	Carbon Disulfide	0.006	06B03	0.006	06B03	mg/kg	1 / 11	--	77	7800	110000	--	0	0	0
VOC	Anthracene	0.038	0621	0.056	06B05	mg/kg	2 / 11	--	1800	17000	30000	--	0	0	0
SVOC	Benzo(a)anthracene	0.07	06B06	0.23	06B05	mg/kg	8 / 11	--	1.1	5	17	--	0	0	0
SVOC	Benzo(a)pyrene	0.049	06B06	0.23	06B05	mg/kg	8 / 11	--	0.11	0.5	2	--	7	0	0
SVOC	Benzo(b)fluoranthene	0.064	06B06	0.35	06B02, 06B05	mg/kg	8 / 11	--	1.1	5	17	--	0	0	0
SVOC	Benzo(g,h,i)perylene	0.061	0621	0.18	06B05	mg/kg	6 / 11	--	180	380000	30000	--	0	0	0
SVOC	Benzo(k)fluoranthene	0.059	06B02	0.12	06B05	mg/kg	6 / 11	--	11	45	170	--	0	0	0
SVOC	Bis(2-ethylhexyl) Phthalate	0.32	06B06	1	06B02	mg/kg	2 / 11	--	39	35	140	--	0	0	0
SVOC	Chrysene	0.083	06B06	0.36	06B05	mg/kg	8 / 11	--	110	450	1700	--	0	0	0
SVOC	Fluoranthene	0.054	06B01	8.1	06B06	mg/kg	10 / 11	--	240	2300	24000	--	0	0	0
SVOC	Indeno(1,2,3-c,d)pyrene	0.082	0621	0.14	06B05	mg/kg	6 / 11	--	1.1	5	17	--	0	0	0
SVOC	Phenanthrene	0.13	0621	0.31	06B05	mg/kg	8 / 11	--	1800	NA	300000	--	0	--	0
SVOC	Pyrene	0.05	06B01	7.7	06B06	mg/kg	10 / 11	--	180	1700	18000	--	0	0	0
DIOXINS/FURANS	Hpcdd (Total)	0.00003	06B06	0.00011	06B06	mg/kg	2 / 3	--	--	--	--	--	--	--	--
DIOXINS/FURANS	2,3,7,8-TCDD TEQ	5.68E-06	06B01	2.71E-05	06B06	mg/kg	3 / 3	--	4.80E-06	--	--	--	3	--	--
PESTICIDE/PCBS	4,4-DDD	0.012	0621	0.092	06B05	mg/kg	7 / 11	--	0.19	3	13	--	0	0	0
PESTICIDE/PCBS	4,4-DDE	0.0026	0621	0.075	06B05	mg/kg	5 / 11	--	2	2	9	--	0	0	0
PESTICIDE/PCBS	4,4-DDT	0.0022	0621	0.083	06B05	mg/kg	5 / 11	--	1.9	2	8	--	0	0	0
PESTICIDE/PCBS	Aldrin	0.0011	0621	0.018	06B02	mg/kg	3 / 11	--	0.039	0.04	0.2	--	0	0	0
PESTICIDE/PCBS	Heptachlor Epoxide	0.0011	0621	0.11	06B06	mg/kg	5 / 11	--	0.07	0.07	0.3	--	1	1	0
METALS	Aluminum, Total	4720	06B01	7120	0621	mg/kg	2 / 2	25325	7700	78000	--	0	0	0	--
METALS	Antimony, Total	21.8	06B05	33.8	06B02	mg/kg	2 / 11	5.401	3.1	31	450	18	2	1	0
METALS	Arsenic, Total	1.9	0621	49.4	06B05	mg/kg	11 / 11	179	0.68	19	19	0	11	3	3
METALS	Barium, Total	12.3	06B04	98.2	06B05	mg/kg	11 / 11	216.7	1500	16000	59000	0	0	0	0
METALS	Beryllium, Total	0.28	06B04	0.93	06B06	mg/kg	10 / 11	1.637	16	16	140	0	0	0	0
METALS	Cadmium, Total	0.06	06B01, 06B03	0.55	06B06	mg/kg	10 / 11	3.402	7.1	78	78	0	0	0	0
METALS	Calcium, Total	284	0621	284	0621	mg/kg	1 / 2	5890	--	--	--	0	--	--	--
METALS	Chromium, Total	10.3	0621	63.6	06B05	mg/kg	11 / 11	201.3	12000	--	--	0	0	--	--
METALS	Cobalt, Total	2.5	06B01	3.3	0621	mg/kg	2 / 2	19.09	2.3	1600	590	0	2	0	0
METALS	Copper, Total	8.1	0621	73.5	06B05	mg/kg	11 / 11	634	310	3100	45000	0	0	0	0
METALS	Iron, Total	9380	0621	15200	06B01	mg/kg	2 / 2	66999	5500	--	--	0	2	--	--
METALS	Lead, Total	10.4	0621	102	06B05	mg/kg	10 / 11	294	400	400	800	0	0	0	0
METALS	Magnesium, Total	315	06B01	481	0621	mg/kg	2 / 2	11115	--	--	--	0	--	--	--
METALS	Manganese, Total	34.5	06B01	95.6	0621	mg/kg	2 / 2	596.7	180	11000	5900	0	0	0	0
METALS	Mercury, Total	0.15	06B02	0.59	06B05	mg/kg	4 / 11	3.569	2.3	23	65	0	0	0	0
METALS	Nickel, Total	3.6	06B01	14.8	06B06	mg/kg	11 / 11	51.85	150	1600	23000	0	0	0	0
METALS	Potassium, Total	470	0621	557	06B01	mg/kg	2 / 2	5690	--	--	--	0	--	--	--
METALS	Selenium, Total	0.85	06B06	3.9	06B05	mg/kg	5 / 11	9.536	39	390	5700	0	0	0	0
METALS	Silver, Total	0.37	06B01	1.3	06B05	mg/kg	5 / 11	6.607	39	390	5700	0	0	0	0
METALS	Sodium, Total	373	0621	373	0621	mg/kg	1 / 2	25710	--	--	--	0	--	--	--
METALS	Vanadium, Total	15.9	0621	40.3	06B01	mg/kg	2 / 2	119.2	39	78	1100	0	1	0	0
METALS	Zinc, Total	15.8	0621	99.1	06B06	mg/kg	11 / 11	709	2300	23000	110000	0	0	0	0
TNT (JENKINS)	2,4,6-Trinitrotoluene (Jenkins)	6.1	06B02	6.1	06B02	mg/kg	1 / 11	--	3.6	--	--	--	1	--	--
INORGANIC	% Solids	64.3	06B05	90.8	06B06	%	14 / 14	--	--	--	--	--	--	--	--
INORGANIC	PH	3.2	06B01	7	0621, 06B06	ph units	11 / 11	--	--	--	--	--	--	--	--

^a Background soil values are the 95% upper tolerance limit (UTL) with 95% coverage (95/95 UTL) for the dredge spoil areas.^b EPA's Regional Screening Levels (RSLs) for Residential Soil. November 2018. <https://www.epa.gov/risk/regional-screening-levels-rsls>. If an RSL was not available for a constituent, the RSL for a surrogate chemical with structural and functional similarities was used.^c NJDEP Residential and Non-residential Direct Contact Soil Remediation Standards (SRs). September 2017. <http://www.state.nj.us/dep/srp/regs/rs/>. If an SRS was not available for a constituent, the SRS for a surrogate chemical with structural and functional similarities was used.

HPCDD = heptachlorodibenzo-p-dioxin

VOC = volatile organic compound

SVOC = semivolatile organic compound

PCB = polychlorinated biphenyl

TNT - 2,4,6-trinitrotoluene

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalence

Table 3-5. Areas 6, 6A, and 6B Surface Water Sample Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

SiteName	StationID	SampleID	DateCollected	Matrix	Depth Interval	VOC	SVOC	Dioxins/ Furans	PESTICIDES/ PCBs	METALS	EXPLOSIVES
Area6_SW	SW0602	SW-0602H	8/9/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0602	SW-0602L	8/9/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0604	SW-0604H	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0604	SW-0604L	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0605	SW-0605H	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0605	SW-0605L	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0606	SW-0606H	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0606	SW-0606L	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0607	SW-0607	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0608	SW-0608H	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0608	SW-0608L	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0609	SW-0609H	8/10/1994	SW	0 - 0	X	X	X	X	X	X
Area6_SW	SW0609	SW-0609L	8/10/1994	SW	0 - 0	X	X	X	X	X	X
Area6_SW	SW0610	SW-0610	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0613	SW-0613	8/10/1994	SW	0 - 0	X	X	X	X	X	X
Area6_SW	SW0614	SW-0614	8/10/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0615	SW-0615	8/10/1994	SW	0 - 0	X	X	X	X	X	X
Area6_SW	SW0616	SW-0616H	8/4/1994	SW	0 - 0	X	X	X	X	X	X
Area6_SW	SW0616	SW-0616L	8/4/1994	SW	0 - 0	X	X	X	X	X	X
Area6_SW	SW0617	SW-0617H	8/4/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0617	SW-0617L	8/4/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0618	SW-0618H	8/4/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0618	SW-0618L	8/4/1994	SW	0 - 0	X	X		X	X	X
Area6_SW	SW0619	SW-0619H	8/4/1994	SW	0 - 0	X	X	X	X	X	X
Area6_SW	SW0619	SW-0619L	8/4/1994	SW	0 - 0	X	X	X	X	X	X
Area6_SW	SW0630	SW0630	9/14/2005	SW	0 - 0					X	X
Area6_SW	SW0631	SW0631	9/14/2005	SW	0 - 0					X	X
Area6_SW	SW0632	SW0632	9/14/2005	SW	0 - 0					X	X
Area6_SW	SW0634	SW0634	9/14/2005	SW	0 - 0					X	X

SW = surface water

VOC = volatile organic compound

SVOC = semivolatile organic compound

PCB = polychlorinated biphenyl

X = indicates the analysis was performed

Table 3-6. Areas 6, 6A, and 6B Surface Water Analytical Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	ParamName	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	EPA Tap Water RSL ^a	Number of RSL Exceedances
VOC	2-Butanone	1	SW0605	4	SW0602	µg/L	4 / 25	560	0
VOC	Acetone	38	SW0615	38	SW0615	µg/L	1 / 25	1400	0
VOC	Carbon Disulfide	2	SW0602	2	SW0602	µg/L	1 / 25	81	0
VOC	Chloroform	0.1	SW0609	0.2	SW0608	µg/L	2 / 25	0.22	0
VOC	Chloromethane	0.3	SW0605	0.3	SW0605	µg/L	1 / 25	19	0
VOC	Toluene	1	SW0602	6	SW0602	µg/L	2 / 25	110	0
VOC	Trichloroethylene	0.3	SW0617, SW0618	0.9	SW0616	µg/L	6 / 25	0.28	6
SVOC	Bis(2-ethylhexyl) Phthalate	4	SW0602	61	SW0614	µg/L	2 / 25	5.6	1
SVOC	4-Methylphenol	20	SW0602	20	SW0602	µg/L	1 / 25	190	0
SVOC	Diethyl Phthalate	1	SW0617	2	SW0616	µg/L	3 / 25	1500	0
SVOC	Phenol	1	SW0614	3	SW0606	µg/L	4 / 25	580	0
EXPLOSIVES	Amino-DNT'S	0.25	SW0618	0.79	SW0616	µg/L	5 / 25	3.9	0
METALS	Aluminum, Total	25.5	SW0632	67300	SW0615	µg/L	8 / 8	2000	1
METALS	Antimony, Total	9	SW0602	9	SW0602	µg/L	1 / 29	0.78	1
METALS	Arsenic, Total	4	SW0616	59	SW0602	µg/L	9 / 29	0.052	9
METALS	Barium, Total	18.9	SW0608	134	SW0602	µg/L	25 / 28	380	0
METALS	Beryllium, Total	0.6	SW0606	12.4	SW0610, SW0614	µg/L	8 / 29	2.5	4
METALS	Cadmium, Total	2.2	SW0602	18.1	SW0615	µg/L	4 / 29	0.92	4
METALS	Calcium, Total	38200	SW0616	205359.4	SW0632	µg/L	8 / 8	--	--
METALS	Chromium, Total	2.6	SW0634	264	SW0615	µg/L	8 / 29	2200	0
METALS	Cobalt, Total	1.1	SW0634	47.5	SW0630	µg/L	5 / 8	0.6	5
METALS	Copper, Total	2.2	SW0607	671	SW0615	µg/L	27 / 29	80	5
METALS	Iron, Total	307	SW0630	55900	SW0615	µg/L	8 / 8	1400	4
METALS	Lead, Total	1.8	SW0630	460	SW0602	µg/L	11 / 29	15	4
METALS	Magnesium, Total	25200	SW0615	661000	SW0607	µg/L	8 / 8	--	--
METALS	Manganese, Total	104.14	SW0632	1390	SW0616	µg/L	8 / 8	43	8
METALS	Mercury, Total	0.11	SW0617, SW0618	0.32	SW0619	µg/L	3 / 29	0.57	0
METALS	Nickel, Total	1.4	SW0632	224	SW0614	µg/L	17 / 29	39	6
METALS	Potassium, Total	3170	SW0615	272000	SW0632	µg/L	8 / 8	--	--
METALS	Selenium, Total	1.9	SW0616	42.1	SW0632	µg/L	11 / 18	10	7
METALS	Silver, Total	0.72	SW0631	9.9	SW0614	µg/L	6 / 29	9.4	1
METALS	Sodium, Total	4870	SW0615	5800000	SW0607	µg/L	8 / 8	--	--
METALS	Thallium, Total	3.9	SW0632	6.4	SW0614	µg/L	2 / 15	0.02	2

Table 3-6. Areas 6, 6A, and 6B Surface Water Analytical Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	ParamName	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	EPA Tap Water RSL^a	Number of RSL Exceedances
METALS	Vanadium, Total	0.65	SW0631	83.2	SW0607	µg/L	7 / 8	8.6	4
METALS	Zinc, Total	20.4	SW0608	6940	SW0615	µg/L	13 / 29	600	5

^a EPA's Regional Screening Levels (RSLs) for tap water. November 2018. <https://www.epa.gov/risk/regional-screening-levels-rsls>. If an RSL was not available for a constituent, the RSL for a surrogate chemical with structural and functional similarities was used.

SVOC = semivolatile organic compound

VOC = volatile organic compound

Table 3-7. Areas 6, 6A, and 6B Sediment Sample Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Area Name	Station ID	Sample ID	Date Collected	Matrix	Depth Interval	VOC	SVOC	Dioxins/ Furans	Pesticide/ PCBs	METALS	EXPLOSIVES	TNT (JENKINS)	General Chemistry (Ammonia)	INORGANIC (Moisture, pH)	ORGANIC (TOC)
Area 6	SW0602	SD-0602L	8/9/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0604	SD-0604L	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0605	SD-0605L	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0606	SD-0606L	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0607	SD-0607	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0608	SD-0608L	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0609	SD-0609L	8/10/1994	SE	0 - 0	X	X	X	X	X		X		X	X
Area 6	SW0610	SD-0610	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0611	SD-0611	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0612	SD-0612	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0613	SD-0613	8/10/1994	SE	0 - 0	X	X	X	X	X		X		X	X
Area 6	SW0614	SD-0614	8/10/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0615	SD-0615	8/10/1994	SE	0 - 0	X	X	X	X	X	X	X		X	X
Area 6	SW0616	SD-0616L	8/4/1994	SE	0 - 0	X	X	X	X	X		X		X	X
Area 6	SW0617	SD-0617L	8/4/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0618	SD-0618L	8/4/1994	SE	0 - 0	X	X		X	X		X		X	X
Area 6	SW0619	SD-0619L	8/4/1994	SE	0 - 0	X	X	X	X	X	X	X		X	X
Area 6	SW0627	SD0627	7/13/2005	SE	0 - 0.5		X		X	X			X	X	X
Area 6	SW0628	SD0628	7/13/2005	SE	0 - 0.5		X		X	X			X	X	X
Area 6	SW0629	SD0629	7/13/2005	SE	0 - 0.5					X					
Area 6	SW0629	SD0629	7/13/2005	SE	0 - 0.5		X		X				X	X	X
Area 6	SW0630	SD0630	7/20/2005	SE	0 - 0.5		X		X	X	X		X	X	X
Area 6	SW0631	SD0631	7/20/2005	SE	0 - 0.5		X		X	X	X		X	X	X
Area 6	SW0632	SD0632	7/21/2005	SE	0 - 0.5		X		X	X			X	X	X
Area 6	SW0632	SD0632	7/21/2005	SE	0 - 0.5		X		X					X	X
Area 6	SW0634	SD0634	7/21/2005	SE	0 - 0.5		X		X	X			X	X	X
Area 6	SW0635	SD0635	7/21/2005	SE	0 - 0.5		X		X	X			X	X	X
Area 6	SW0636	SD0636	7/22/2005	SE	0 - 0.5		X		X	X	X		X	X	X

PCB = polychlorinated biphenyl

SD = sediment

SVOC = semivolatile organic compound

TNT = 2,4,6-trinitrotoluene

TOC = total organic carbon

VOC = volatile organic compound

X = indicates the analysis was performed

Table 3-8. Areas 6, 6A, and 6B Sediment Analytical Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	Parameter Name	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	EPA Residential Soil RSL ^a	NJDEP Residential Direct Contact Soil Remediation Standard ^b	NJDEP Non-residential Direct Contact Soil Remediation Standard ^b	Number of RSL Exceedances	Number of NJDEP Residential SRS Exceedances	Number of NJDEP Non-residential SRS Exceedances
VOC	2-Butanone	0.009	SW0614	0.58	SW0604	mg/kg	10 / 17	2700	3100	44000	0	0	0
VOC	2-Hexanone	0.004	SW0614	0.004	SW0614	mg/kg	1 / 17	20	--	--	0	--	--
VOC	4-Methyl-2-pentanone	0.002	SW0612	0.003	SW0613, SW0614	mg/kg	3 / 17	3300	--	--	0	--	--
VOC	Acetone	0.013	SW0613	2.9	SW0604	mg/kg	14 / 17	6100	70000	--	0	0	--
VOC	Carbon Disulfide	0.001	SW0614	0.017	SW0608	mg/kg	4 / 17	77	7800	110000	0	0	0
VOC	Trichloroethylene	0.001	SW0614	0.003	SW0613	mg/kg	3 / 17	0.41	3	10	0	0	0
VOC	Toluene	0.22	SW0602	0.22	SW0602	mg/kg	1 / 17	490	6300	91000	0	0	0
SVOC	4-Methylphenol	0.31	SW0614	0.31	SW0614	mg/kg	1 / 27	630	31	340	0	0	0
SVOC	Acenaphthene	0.08	SW0630	0.26	SW0607	mg/kg	4 / 27	360	3400	37000	0	0	0
SVOC	Acenaphthylene	0.029	SW0628	0.15	SW0606	mg/kg	10 / 27	360	--	300000	0	--	0
SVOC	Anthracene	0.043	SW0627	0.47	SW0618	mg/kg	14 / 27	1800	17000	30000	0	0	0
SVOC	Benzo(a)anthracene	0.14	SW0636	1.9	SW0617	mg/kg	21 / 27	1.1	5	17	4	0	0
SVOC	Benzo(a)pyrene	0.14	SW0629, SW0636	2.7	SW0617	mg/kg	21 / 27	0.11	0.5	2	21	8	1
SVOC	Benzo(b)fluoranthene	0.17	SW0629	2.8	SW0617	mg/kg	21 / 27	1.1	5	17	5	0	0
SVOC	Benzo(g,h,i)perylene	0.1	SW0629	0.9	SW0618	mg/kg	20 / 27	180	380000	30000	0	0	0
SVOC	Benzo(k)fluoranthene	0.15	SW0629, SW0636	2.5	SW0607	mg/kg	21 / 27	11	45	170	0	0	0
SVOC	Bis(2-ethylhexyl) Phthalate	0.18	SW0628	5.7	SW0618	mg/kg	15 / 27	39	35	140	0	0	0
SVOC	Butylbenzylphthalate	0.15	SW0607	0.25	SW0616	mg/kg	2 / 27	290	1200	14000	0	0	0
SVOC	Carbazole	0.06	SW0630	0.06	SW0630	mg/kg	1 / 27	--	24	96	--	0	0
SVOC	Chrysene	0.19	SW0636	3	SW0617	mg/kg	21 / 27	110	450	1700	0	0	0
SVOC	Dibenz(a,h)anthracene	0.032	SW0627	0.62	SW0618	mg/kg	11 / 27	0.11	0.5	2	6	1	0
SVOC	Di-n-butyl Phthalate	0.048	SW0635	0.048	SW0635	mg/kg	1 / 27	630	6100	68000	0	0	0
SVOC	Di-n-octyl Phthalate	0.076	SW0630	0.36	SW0618	mg/kg	4 / 27	63	2400	27000	0	0	0
SVOC	Fluoranthene	0.069	SW0613	4.9	SW0617	mg/kg	25 / 27	240	2300	24000	0	0	0
SVOC	Fluorene	0.037	SW0631	0.56	SW0607	mg/kg	8 / 27	240	2300	24000	0	0	0
SVOC	Indeno(1,2,3-c,d)pyrene	0.075	SW0629	0.95	SW0616	mg/kg	20 / 27	1.1	5	17	20	0	0
SVOC	Naphthalene	0.29	SW0612	0.29	SW0612	mg/kg	1 / 27	3.8	6	17	0	0	0
SVOC	Phenanthrene	0.067	SW0636	1.8	SW0616, SW0617	mg/kg	22 / 27	1800	--	300000	0	--	0
SVOC	Phenol	0.065	SW0613	0.065	SW0613	mg/kg	1 / 27	1900	18000	210000	0	0	0
SVOC	Pyrene	0.083	SW0613	3.6	SW0617	mg/kg	25 / 27	180	1700	18000	0	0	0
DIOXINS/FURANS	HPCCD (Total)	0.0001	SW0616, SW0619	0.0001	SW0616, SW0619	mg/kg	2 / 5	--	--	--	--	--	--
DIOXINS/FURANS	HPCDF (Total)	0.00004	SW0616	0.00004	SW0616	mg/kg	1 / 5	--	--	--	--	--	--
DIOXINS/FURANS	2,3,7,8-TCDD TEQ	5.51E-05	SW0613	1.56E-04	SW0615	mg/kg	5 / 5	4.80E-06	--	--	5	--	--
PESTICIDE/PCBS	4,4-DDD	0.004	SW0629	0.36	SW0627	mg/kg	12 / 27	0.19	3	13	1	0	0
PESTICIDE/PCBS	4,4-DDE	0.0016	SW0630	0.032	SW0608	mg/kg	18 / 26	2	2	9	0	0	0
PESTICIDE/PCBS	4,4-DDT	0.0022	SW0629	0.022	SW0627	mg/kg	5 / 27	1.9	2	8	0	0	0
PESTICIDE/PCBS	Alpha-BHC	0.0014	SW0630	0.0014	SW0630	mg/kg	1 / 27	0.086	0.1	0.5	0	0	0
PESTICIDE/PCBS	Alpha-Chlordane	0.00046	SW0628	0.003	SW0627	mg/kg	6 / 27	1.7	0.2	1	0	0	0
PESTICIDE/PCBS	Aroclor-1260	0.095	SW0632	3.8	SW0604	mg/kg	5 / 27	0.24	0.2	1	3	3	3
PESTICIDE/PCBS	Beta-BHC	0.0055	SW0631	0.0085	SW0629	mg/kg	3 / 27	0.3	0.4	2	0	0	0
PESTICIDE/PCBS	Dieldrin	0.00062	SW0630	0.0049	SW0636	mg/kg	2 / 27	0.034	0.04	0.2	0	0	0
PESTICIDE/PCBS	Gamma BHC (Lindane)	0.00029	SW0628	0.00029	SW0628	mg/kg	1 / 27	0.57	0.4	2	0	0	0
PESTICIDE/PCBS	Gamma-Chlordane	0.0024	SW0632	0.021	SW0634	mg/kg	10 / 27	1.7	0.2	1	0	0	0
PESTICIDE/PCBS	Heptachlor	0.00021	SW0629	0.0022	SW0631	mg/kg	3 / 27	0.13	0.1	0.7	0	0	0
PESTICIDE/PCBS	Heptachlor Epoxide	0.0041	SW0634	0.0041	SW0634	mg/kg	1 / 27	0.07	0.07	0.3	0	0	0
PESTICIDE/PCBS	Methoxychlor	0.0078	SW0631	0.01	SW0630	mg/kg	4 / 27	32	390	5700	0	0	0
METALS	Aluminum, Total	3810	SW0615	22900	SW0634	mg/kg	12 / 12	7700	78000	--	9	0	--
METALS	Antimony, Total	0.78	SW0630	30	SW0606	mg/kg	16 / 26	3.1	31	450	10	0	0
METALS	Arsenic, Total	3.2	SW0615, SW0630	105	SW0607	mg/kg	26 / 26	0.68	19	19	26	15	15
METALS	Barium, Total	10	SW0630	242	SW0614	mg/kg	26 / 26	1500	16000	59000	26	0	0
METALS	Beryllium, Total	0.31	SW0615	2.6	SW0604	mg/kg	19 / 26	16	16	140	0	0	0
METALS	Cadmium, Total	0.32	SW0628	7.3	SW0611	mg/kg	16 / 26	7.1	78	78	1	0	0
METALS	Calcium, Total	353	SW0630	2490	SW0636	mg/kg	11 / 12	--	--	--	--	--	--
METALS	Chromium, Total	10	SW0630	1110	SW0611	mg/kg	26 / 26	12000	--	--	0	--	--
METALS	Cobalt, Total	2.7	SW0615	22.4	SW0636	mg/kg	12 / 12	2.3	1600	590	12	0	0

Table 3-8. Areas 6, 6A, and 6B Sediment Analytical Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	Parameter Name	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	EPA Residential Soil RSL ^a	NJDEP Residential Direct Contact Soil Remediation Standard ^b	NJDEP Non-residential Direct Contact Soil Remediation Standard ^b	Number of RSL Exceedances	Number of NJDEP Residential SRS Exceedances	Number of NJDEP Non-residential SRS Exceedances
METALS	Copper, Total	17.2	SW0610	278	SW0636	mg/kg	26 / 26	310	3100	45000	0	0	0
METALS	Cyanide, Total	0.29	SW0630	1.4	SW0635	mg/kg	7 / 12	2.3	47	680	0	0	0
METALS	Iron, Total	9690	SW0630	63500	SW0629	mg/kg	12 / 12	5500	--	--	12	--	--
METALS	Lead, Total	26.7	SW0631	339	SW0602	mg/kg	26 / 26	400	400	800	0	0	0
METALS	Magnesium, Total	452	SW0630	5740	SW0636	mg/kg	12 / 12	--	--	--	--	--	--
METALS	Manganese, Total	25.2	SW0630	346	SW0636	mg/kg	12 / 12	180	11000	5900	1	0	0
METALS	Mercury, Total	0.053	SW0630	2.64	SW0606	mg/kg	25 / 26	2.3	23	65	1	0	0
METALS	Nickel, Total	1.7	SW0614	163	SW0611	mg/kg	25 / 26	150	1600	23000	1	0	0
METALS	Potassium, Total	215	SW0630	2650	SW0636	mg/kg	12 / 12	--	--	--	--	--	--
METALS	Selenium, Total	0.56	SW0630	27.3	SW0602	mg/kg	18 / 26	39	390	5700	0	0	0
METALS	Silver, Total	0.1	SW0630	5.6	SW0607	mg/kg	23 / 26	39	390	5700	0	0	0
METALS	Sodium, Total	313	SW0630	13700	SW0607	mg/kg	11 / 12	--	--	--	--	--	--
METALS	Thallium, Total	0.91	SW0635	2.3	SW0632	mg/kg	5 / 26	0.078	--	--	5	--	--
METALS	Vanadium, Total	21.2	SW0630	78.2	SW0634	mg/kg	12 / 12	39	78	1100	8	2	0
METALS	Zinc, Total	15	SW0610	435	SW0604	mg/kg	26 / 26	2300	23000	110000	0	0	0
TNT (JENKINS)	2,4,6-Trinitrotoluene (Jenkins)	1.1	SW0613	64	SW0602	mg/kg	8 / 17	3.6	--	--	7	--	--
INORGANIC	% Solids	11.9	SW0602	70	SW0630	%	26 / 26	--	--	--	--	--	--
INORGANIC	Moisture	24	SW0630	75.6	SW0636	%	11 / 11	--	--	--	--	--	--
INORGANIC	PH	3.5	SW0615	7.6	SW0609	ph units	17 / 17	--	--	--	--	--	--
ORGANIC	Temephos	6.3	SW0631	6.3	SW0631	mg/kg	1 / 6	130	--	--	0	--	--
ORGANIC	Total Organic Carbon	2100	SW0612	96700	SW0602	mg/kg	27 / 27	--	--	--	--	--	--

^a EPA's Regional Screening Levels (RSLs) for Residential Soil. November 2018. <https://www.epa.gov/risk/regional-screening-levels-rsls>. If an RSL was not available for a constituent, the RSL for a surrogate chemical with structural and functional similarities was used.

^b NJDEP Residential and Non-residential Direct Contact Soil Remediation Standards (SRSs). September 2017. <http://www.state.nj.us/dep/srp/regs/rs/>. If an SRS was not available for a constituent, the SRS for a surrogate chemical with structural and functional similarities was used.

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalence

HPCDD = heptachlorodibenzo-p-dioxin

HPCDF = heptachlorodibenzofuran

PCB = polychlorinated biphenyl

SVOC = semivolatile organic compound

TNT - 2,4,6-trinitrotoluene

VOC = volatile organic compound

Table 3-9. Areas 6, 6A, and 6B Surface Soil – Comparison to SSL and Background Levels

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	Parameter Name	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	Background Value ^a	SSL ^b (DAF=10)	Percentage of Results Exceeding Background (%)	Number of SSL Exceedances	Site Mean	Background Mean	Site Mean>SSL& Mean Background?
VOC	2-Butanone	0.027	0617	0.063	0601	mg/kg	2 / 39	--	12	--	0	0.013	--	NO
VOC	Toluene	0.003	0602	0.003	0602	mg/kg	1 / 39	--	6.9	--	0	0.0049	--	NO
VOC	Carbon Disulfide	0.008	0615, 0617	0.027	0611	mg/kg	3 / 39	--	2.4	--	0	0.0060	--	NO
VOC	Methylene Chloride	0.017	0614	0.1	0616	mg/kg	5 / 39	--	0.013	--	5	0.014	--	YES
VOC	Benzene	0.007	0615	0.007	0615	mg/kg	1 / 39	--	0.026	--	0	0.0050	--	NO
VOC	Acetone	0.13	0617, 0621	0.13	0617, 0621	mg/kg	2 / 39	--	29	--	0	0.024	--	NO
VOC	Xylenes (Total)	0.009	0621	0.009	0621	mg/kg	1 / 39	--	99	--	0	0.0051	--	NO
SVOC	2-Methylnaphthalene	0.15	0621	0.15	0621	mg/kg	1 / 39	--	1.9	--	0	0.33	--	NO
SVOC	Acenaphthene	0.17	0621	0.17	0621	mg/kg	1 / 39	--	55	--	0	0.33	--	NO
SVOC	Anthracene	0.051	0616	0.085	0616	mg/kg	3 / 39	--	580	--	0	0.31	--	NO
SVOC	Benzo(a)anthracene	0.044	0617	0.28	0601	mg/kg	27 / 39	--	0.11	--	18	0.202	--	YES
SVOC	Benzo(a)pyrene	0.047	0621	0.36	0601	mg/kg	20 / 39	--	2.4	--	0	0.25	--	NO
SVOC	Benzo(b)fluoranthene	0.068	0617, 0621	0.76	0601	mg/kg	30 / 39	--	3	--	0	0.28	--	NO
SVOC	Benzo(g,h,i)perylene	0.12	0614	0.26	0611	mg/kg	6 / 39	--	130	--	0	0.31	--	NO
SVOC	Benzo(k)fluoranthene	0.048	0611	0.23	0601	mg/kg	21 / 39	--	29	--	0	0.201	--	NO
SVOC	Bis(2-ethylhexyl) Phthalate	0.067	0612	2.5	0606	mg/kg	18 / 39	--	14	--	0	0.34	--	NO
SVOC	Butylbenzylphthalate	0.19	0617	0.19	0617	mg/kg	1 / 39	--	2.4	--	0	0.33	--	NO
SVOC	Chrysene	0.043	0617	0.42	0610	mg/kg	27 / 39	--	90	--	0	0.24	--	NO
SVOC	Dibenzofuran	0.072	0621	0.072	0621	mg/kg	1 / 39	--	1.5	--	0	0.32	--	NO
SVOC	Fluoranthene	0.068	0617	0.69	0601	mg/kg	33 / 39	--	890	--	0	0.27	--	NO
SVOC	Fluorene	0.12	0621	0.12	0621	mg/kg	1 / 39	--	54	--	0	0.33	--	NO
SVOC	Indeno(1,2,3-c,d)pyrene	0.071	0604	0.27	0611	mg/kg	12 / 39	--	9.8	--	0	0.27	--	NO
SVOC	Naphthalene	0.071	0613	0.66	0621	mg/kg	2 / 39	--	0.0054	--	2	0.33	--	YES
SVOC	Phenanthrene	0.057	0618	0.34	0601	mg/kg	19 / 39	--	580	--	0	0.25	--	NO
SVOC	Pyrene	0.036	0621	0.83	0601	mg/kg	34 / 39	--	130	--	0	0.28	--	NO
DIOXINS/FURANS	HPCDD (Total)	0.00004	06A08	0.00016	06A01	mg/kg	2 / 4	--	--	--	--	5.38E-05	--	--
DIOXINS/FURANS	2,3,7,8-TCDD TEQ	5.53E-06	06A04	1.13E-05	06A01	mg/kg	4 / 4	--	0.00015	--	0	8.56E-06	--	NO
PESTICIDE/PCBS	4,4-DDD	0.002	0621	0.076	0611	mg/kg	5 / 39	--	0.075	--	1	0.058	--	NO
PESTICIDE/PCBS	4,4-DDE	0.014	0605	0.14	0611	mg/kg	2 / 39	--	0.11	--	1	0.060	--	NO
PESTICIDE/PCBS	4,4-DDT	0.0016	0609	1.2	0611	mg/kg	17 / 39	--	0.77	--	1	0.086	--	NO
PESTICIDE/PCBS	Aldrin	0.0016	0621	0.0016	0621	mg/kg	1 / 39	--	0.0015	--	1	0.030	--	YES
PESTICIDE/PCBS	Heptachlor Epoxide	0.0012	0621	0.03	0603	mg/kg	2 / 39	--	0.041	--	0	0.030	--	NO
METALS	Aluminum, Total	1790	06A01	28700	0605	mg/kg	15 / 15	25325	300000	13	0	14000	16704	NO
METALS	Antimony, Total	1.2	0612, 0614	5.9	0610	mg/kg	15 / 53	5.401	2.7	2	6	1.3	4.494	NO
METALS	Arsenic, Total	4.2	0618	238	0603	mg/kg	55 / 55	179	2.9	4	55	53	29.51	YES
METALS	Barium, Total	9.3	06A07	1480	0615	mg/kg	53 / 53	216.7	820	4	1	89	43.9	NO
METALS	Beryllium, Total	0.27	06A07	1.3	0612	mg/kg	34 / 53	1.637	32	0	0	0.53	0.885	NO
METALS	Cadmium, Total	0.049	06A06	16.2	06A05	mg/kg	25 / 50	3.402	3.8	6	2	0.93	3.266	NO
METALS	Calcium, Total	167	06A08	102000	0617	mg/kg	15 / 15	5890	--	20	--	9090	1637	--
METALS	Chromium, Total	9.1	06A07	217	06A02	mg/kg	53 / 53	201.3	1800000	2	0	57	51.67	NO
METALS	Cobalt, Total	4	06A08	10.6	0605	mg/kg	14 / 15	19.09	2.7	0	14	6.4	9.6	NO
METALS	Copper, Total	5.5	06A04	289	0601	mg/kg	53 / 53	634	460	0	0	81	73.14	NO
METALS	Cyanide, Total	0.92	0609	0.92	0609	mg/kg	1 / 12	--	20	--	0	0.37	--	NO
METALS	Iron, Total	8280	0621	53900	0602	mg/kg	15 / 15	66999	3500	0	15	31300	36133	NO
METALS	Lead, Total	10	0621	301	0606	mg/kg	48 / 55	294	140	2	14	94	49.05	NO
METALS	Magnesium, Total	264	06A01	6850	0605	mg/kg	15 / 15	11115	--	0	--	3560	5463	--
METALS	Manganese, Total	13.6	06A01	297	0605	mg/kg	15 / 15	596.7	280	0	1	150	228.1	NO
METALS	Mercury, Total	0.1	0617	2.4	0612	mg/kg	34 / 53	3.569	1	0	7	0.42	2.146	NO
METALS	Nickel, Total	2.7	06A01	37.1	0610	mg/kg	53 / 53	51.85	260	0	0	18	23.65	NO
METALS	Potassium, Total	507	06A01	5620	0602	mg/kg	15 / 15	5690	--	0	--	2750	3159	--
METALS	Selenium, Total	0.19	06A08	19.9	0612	mg/kg	41 / 53	9.536	2.6	13	21	3.7	5.251	NO
METALS	Silver, Total	0.2	0618	5.4	0608	mg/kg	32 / 53	6.607	8	0	0	1.3	6.326	NO

Table 3-9. Areas 6, 6A, and 6B Surface Soil – Comparison to SSL and Background Levels

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	Parameter Name	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	Background Value ^a	SSL ^b (DAF=10)	Percentage of Results Exceeding Background (%)	Number of SSL Exceedances	Site Mean	Background Mean	Site Mean>SSL& Mean Background?
METALS	Sodium, Total	83.87	0621	1570	0602	mg/kg	13 / 15	25710	--	0	--	734	5355	--
METALS	Thallium, Total	0.99	06A07	3.4	0602	mg/kg	9 / 53	1.036	1.4	15	6	0.99	0.704	NO
METALS	Vanadium, Total	10.6	06A01	86.4	0602	mg/kg	15 / 15	119.2	860	0	0	48	49.45	NO
METALS	Zinc, Total	17	06A01	315	06A06	mg/kg	53 / 53	709	3700	0	0	77	109.2	NO
TNT (JENKINS)	2,4,6-Trinitrotoluene (Jenkins)	1.2	06A02	37	0610	mg/kg	21 / 52	--	0.15	--	21	5.3	--	YES
INORGANIC	% Solids	23.9	0610	94.5	0621	%	55 / 55	--	--	--	--	60	--	--
INORGANIC	PH	3.2	0608	8.3	0617	ph units	53 / 53	--	--	--	--	5.2	--	--
ORGANIC	Total Organic Carbon	1820	06A08	45200	06A01	mg/kg	4 / 4	--	--	--	--	20200	--	--

^a Background soil values are the 95% upper tolerance limit (UTL) with 95% coverage (95/95 UTL) for the dredge spoil areas.

^b EPA's Regional Screening Levels (RSLs) for Soil to Groundwater Leachability (i.e., Soil Screening Levels [SSLs]). November 2018. <https://www.epa.gov/risk/regional-screening-levels-rsls>. If an RSL was not available for a constituent, the RSL for a surrogate chemical with structural and functional similarities was used.

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalence

DAF = dilution attenuation factor

HPCDD = heptachlorodibenzo-p-dioxin

PCB = polychlorinated biphenyl

SVOC = semivolatile organic compound

TNT - 2,4,6-trinitrotoluene

VOC = volatile organic compound

Table 3-10. Areas 6, 6A, and 6B Subsurface Soil – Comparison to SSL and Background Levels

Area 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Chemical Group	Parameter Name	Minimum Concentration	Location of Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Units	Frequency of Detection	Background Value ^a	SSL ^b (DAF=10)	Percentage of Results Exceeding Background (%)	Number of SSL Exceedances	Site Mean	Background Mean	Site Mean>SSL& Mean Background?
VOC	2-Butanone	0.011	06B04	0.027	06B03	mg/kg	4 / 11	--	12	--	0	0.0111	--	NO
VOC	Acetone	0.12	06B06	0.27	06B03	mg/kg	2 / 11	--	29	--	0	0.0455	--	NO
VOC	Carbon Disulfide	0.006	06B03	0.006	06B03	mg/kg	1 / 11	--	2.4	--	0	0.0035	--	NO
SVOC	Anthracene	0.038	0621	0.056	06B05	mg/kg	2 / 11	--	580	--	0	0.203	--	NO
SVOC	Benzo(a)anthracene	0.07	06B06	0.23	06B05	mg/kg	8 / 11	--	0.11	--	7	0.188	--	YES
SVOC	Benzo(a)pyrene	0.049	06B06	0.23	06B05	mg/kg	8 / 11	--	2.4	--	0	0.188	--	NO
SVOC	Benzo(b)fluoranthene	0.064	06B06	0.35	06B02, 06B05	mg/kg	8 / 11	--	3	--	0	0.239	--	NO
SVOC	Benzo(g,h,i)perylene	0.061	0621	0.18	06B05	mg/kg	6 / 11	--	130	--	0	0.181	--	NO
SVOC	Benzo(k)fluoranthene	0.059	06B02	0.12	06B05	mg/kg	6 / 11	--	29	--	0	0.166	--	NO
SVOC	Bis(2-ethylhexyl) Phthalate	0.32	06B06	1	06B02	mg/kg	2 / 11	--	14	--	0	0.317	--	NO
SVOC	Chrysene	0.083	06B06	0.36	06B05	mg/kg	8 / 11	--	90	--	0	0.235	--	NO
SVOC	Fluoranthene	0.054	06B01	8.1	06B06	mg/kg	10 / 11	--	890	--	0	0.999	--	NO
SVOC	Indeno(1,2,3-c,d)pyrene	0.082	0621	0.14	06B05	mg/kg	6 / 11	--	9.8	--	0	0.174	--	NO
SVOC	Phenanthrene	0.13	0621	0.31	06B05	mg/kg	8 / 11	--	580	--	0	0.219	--	NO
SVOC	Pyrene	0.05	06B01	7.7	06B06	mg/kg	10 / 11	--	130	--	0	0.989	--	NO
DIOXINS/FURANS	HCPCDD (Total)	3.00E-05	06B06	1.10E-04	06B06	mg/kg	2 / 3	--	--	--	--	4.83E-05	--	--
DIOXINS/FURANS	2,3,7,8-TCDD TEQ	5.68E-06	06B01	2.71E-05	06B06	mg/kg	3 / 3	--	1.50E-04	--	0	1.64E-05	--	NO
PESTICIDE/PCBS	4,4-DDD	0.012	0621	0.092	06B05	mg/kg	7 / 11	--	0.075	--	2	0.0556	--	NO
PESTICIDE/PCBS	4,4-DDE	0.0026	0621	0.075	06B05	mg/kg	5 / 11	--	0.11	--	0	0.0449	--	NO
PESTICIDE/PCBS	4,4-DDT	0.0022	0621	0.083	06B05	mg/kg	5 / 11	--	0.77	--	0	0.0433	--	NO
PESTICIDE/PCBS	Aldrin	0.0011	0621	0.018	06B02	mg/kg	3 / 11	--	0.0015	--	2	0.0203	--	YES
PESTICIDE/PCBS	Heptachlor Epoxide	0.0011	0621	0.11	06B06	mg/kg	5 / 11	--	0.041	--	1	0.0217	--	NO
METALS	Aluminum, Total	4720	06B01	7120	0621	mg/kg	2 / 2	25325	300000	0	0	5920	16704	NO
METALS	Antimony, Total	21.8	06B05	33.8	06B02	mg/kg	2 / 11	5.401	2.7	18	2	6.09	4.494	YES
METALS	Arsenic, Total	1.9	0621	49.4	06B05	mg/kg	11 / 11	179	2.9	0	10	13.1	29.51	NO
METALS	Barium, Total	12.3	06B04	98.2	06B05	mg/kg	11 / 11	216.7	820	0	0	38.2	43.9	NO
METALS	Beryllium, Total	0.28	06B04	0.93	06B06	mg/kg	10 / 11	1.637	32	0	0	0.478	0.885	YES
METALS	Cadmium, Total	0.06	06B01, 06B03	0.55	06B06	mg/kg	10 / 11	3.402	3.8	0	0	0.147	3.266	NO
METALS	Calcium, Total	284	0621	284	0621	mg/kg	1 / 2	5890	--	0	--	160	1637	--
METALS	Chromium, Total	10.3	0621	63.6	06B05	mg/kg	11 / 11	201.3	1800000	0	0	27.7	51.67	NO
METALS	Cobalt, Total	2.5	06B01	3.3	0621	mg/kg	2 / 2	19.09	2.7	0	1	2.9	9.6	NO
METALS	Copper, Total	8.1	0621	73.5	06B05	mg/kg	11 / 11	634	460	0	0	32.5	73.14	NO
METALS	Iron, Total	9380	0621	15200	06B01	mg/kg	2 / 2	66999	3500	0	2	12300	36133	NO
METALS	Lead, Total	10.4	0621	102	06B05	mg/kg	10 / 11	294	140	0	0	32.7	49.05	YES
METALS	Magnesium, Total	315	06B01	481	0621	mg/kg	2 / 2	11115	--	0	--	398	5463	--
METALS	Manganese, Total	34.5	06B01	95.6	0621	mg/kg	2 / 2	596.7	280	0	0	65.1	228.1	YES
METALS	Mercury, Total	0.15	06B02	0.59	06B05	mg/kg	4 / 11	3.569	1	0	0	0.144	2.146	YES
METALS	Nickel, Total	3.6	06B01	14.8	06B06	mg/kg	11 / 11	51.85	260	0	0	8	23.65	NO
METALS	Potassium, Total	470	0621	557	06B01	mg/kg	2 / 2	5690	--	0	--	514	3159	--
METALS	Selenium, Total	0.85	06B06	3.9	06B05	mg/kg	5 / 11	9.536	2.6	0	2	1.19	5.251	NO
METALS	Silver, Total	0.37	06B01	1.3	06B05	mg/kg	5 / 11	6.607	8	0	0	0.405	6.326	YES
METALS	Sodium, Total	373	0621	373	0621	mg/kg	1 / 2	25710	--	0	--	196	5355	--
METALS	Vanadium, Total	15.9	0621	40.3	06B01	mg/kg	2 / 2	119.2	860	0	0	28.1	49.45	NO
METALS	Zinc, Total	15.8	0621	99.1	06B06	mg/kg	11 / 11	709	3700	0	0	34.2	109.2	NO
TNT (JENKINS)	2,4,6-Trinitrotoluene (Jenkins)	6.1	06B02	6.1	06B02	mg/kg	1 / 11	--	0.15	--	1	0.995	--	YES
INORGANIC	% Solids	64.3	06B05	90.8	06B06	%	14 / 14	--	--	--	--	79.3	--	--
INORGANIC	PH	3.2	06B01	7	0621, 06B06	ph units	11 / 11	--	--	--	--	5.28	--	--

^a Background soil values are the 95% upper tolerance limit (UTL) with 95% coverage (95/95 UTL) for the dredge spoil areas.

^b EPA's Regional Screening Levels (RSLs) for Soil to Groundwater Leachability (i.e., Soil Screening Levels [SSLs]). November 2018. <https://www.epa.gov/risk/regional-screening-levels-rsls>. If an RSL was not available for a constituent, the RSL for a surrogate chemical with structural and functional similarities was used.

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalence

DAF = dilution attenuation factor

HCPCDD = heptachlorodibenzo-p-dioxin

PCB = polychlorinated biphenyl

SVOC = semivolatile organic compound

TNT = 2,4,6-trinitrotoluene

VOC = volatile organic compound

Table 3-11. Site-to-Background Comparison Results for Soil

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Parameter	No. of Site Samples	No. of Site Non- Detects	No. of Bkgd Samples	No. of Bkgd Non- Detects	Shapiro-Wilk	Shapiro-Wilk	F-Test for	Student's t-test (p-value)	Welch's t-test (p-value)	Permutation Test on Mean (p-value)	Wilcoxon	Do Site Conc. Exceed Bkgd?	Basis of Decision	Log Transform Performed ⁽²⁾
					Normality Test Site Samples (p-value)	Normality Test Bkgd Samples (p-value)	Equal Variance (p-value)				Rank Sum Test ⁽¹⁾ (p-value)			
Aluminum	17	0	32	0	0.080	0.001	0.226	0.939	0.922	0.947	0.963	No	NP, perm	No
Arsenic	66	0	32	0	0.000	0.000	0.547	0.059	0.053	0.055	0.015	No	perm	No
Barium	64	0	32	0	0.004	0.022	0.516	0.004	0.005	0.003	0.004	Yes	NP, perm	Yes
Calcium	17	1	32	0	0.000	0.001	0.000	0.073	0.150	0.088	0.703	No	NP, perm	No
Chromium	64	0	32	0	0.000	0.000	0.064	0.494	0.494	0.497	0.194	No	NP, perm	No
Lead	66	8	32	0	0.000	0.000	0.335	0.028	0.036	0.024	0.001	Yes	NP, perm	No

Notes:

Soil analytical data presented on this table include site and background samples collected from 0-10 feet bgs.

Bkgd = background

Conc. = concentrations

⁽¹⁾For data containing non-detect results, the Tarone-Ware two-sample test was utilized instead of the Wilcoxon Rank Sum test.

⁽²⁾For those metals whose data sets were log-transformed, test results based on the transformed data are presented.

Basis of Decision:

NP = nonparametric (Wilcoxon Rank Sum or Tarone-Ware tests)

perm = permutation test

Table 5-1. Dates of MEC Characterization Investigation

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Phase 1	Phase 2	Phase 3
December 11–12, 2013 (Initial Phase – DGM)	January 29 – February 7, 2014 (Initial Phase DGM)	MC sampling for background – August 26, 2016
February 17–25, 2014 (Remobilization for DGM)	May 22, 2014 (Remobilization for DGM)	

Table 5-2. Project Measurement Quality Objectives for Terrestrial DGM

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Measurement Quality Objective	Measurement Performance Criteria	Test Method	Results*
General System Function			
DGM Systems Positioning. Accurate positioning information is provided to DGM system.	The positional error of the system at known locations will not exceed 10 centimeters (4 inches).	Results of QC Test #2 (System Positioning) evaluated for compliance.	All positions were within 10 centimeters.
Repeatability. Repeatable and accurate data are being obtained from DGM system.	Response to ISO will not vary more than ± 20 percent from known response for specific distance from sensors in static tests conducted at the beginning and end of each survey day. Response of repeat line is comparable to original line data (qualitative determination).	Results of QC Test #5 (Static Background and Static Spike) evaluated quantitatively and compared to published response values for compliance.	All ISO responses were within the ± 20 percent from known responses for specific distances.
DGM Surveys			
Downline Data Density. Downline data density is sufficient to detect MEC items.	Over 98 percent of possible sensor readings are captured along a survey transect with a spacing of no greater than 0.2 meter (0.7 foot) between points. A data gap greater than 0.6 meter (2 feet) will not meet the MQO.	Results of DGM surveys quantitatively evaluated for compliance.	Average downline data density was achieved, with no readings greater than 0.61 meter apart.
Survey Coverage. Maintain appropriate line spacing to provide 100 percent coverage of accessible portions of the survey area.	Lane spacing for transect surveys will not vary greater than 20 percent from intended spacing unless vegetation, terrain or other obstructions cause the separation.	Results of DGM surveys quantitatively evaluated for compliance.	100 percent coverage with 1-meter footprint.
Dynamic Detection Repeatability.	Repeat data are comparable to original data. The number of anomalies on the repeat segment will be within 20 percent of the original data. Transect surveys: IVS anomaly characteristics (peak response and size) are repeatable within 25 percent.	At least 2 percent of the survey area repeated and evaluated for compliance.	All IVS amplitudes were repeatable within 25 percent for transect data sets and the number of anomalies was within 20 percent of the original data for comprehensive surveys
Dynamic Positioning Accuracy. Positioning of detected anomalies is accurate.	An anomaly will be identified within 1 meter of each blind seed item.	Results of DGM surveys evaluated to verify that all blind seeds have an anomaly location selected within this standard or can be otherwise explained.	All blind seeds were detected within 1-meter radius.

* See the Terrestrial Geophysical Report in Appendix D for further details of the test results.

Notes:

DGM = digital geophysical mapping

ISO = industry standard object

MEC = munitions and explosives of concern

MQO = measurement quality objective

QC = quality control

Table 5-3. DGM Instruments Standardization Tests and Acceptance Criteria

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Test	Test Description	Acceptance Criteria	Corrective Measure on Failure*	Power On	Beginning of Day	Beginning and End of Day	2% of Total Area Surveyed or Daily IVS
1	Equipment Warm-up	Equipment-specific (typically 10 minutes).	Re-collect data collected within 10-minute warm-up period.	X			
2	Record Sensor Positions (applicable only to those surveys for which GPS is used.)	±10 centimeters (4 inches) for RTK and 1 meter for sub-meter system.	Re-collect data from that test until test that passes criteria is completed.		X		
3	Personnel Test (applicable only to man-portable EM61-MK2 surveys)	Based on instrument used. Personnel, clothing, etc., should have no effect on instrument response.	Re-collect data from that test until test that passes criteria is completed.		X		
4	Cable Shake Test	Data profile does not exhibit data spikes.	Re-collect data from that test until test that passes criteria is completed.		X		
5	Static Background and Static Spike (applicable to EM61-MK2 surveys only)	±20 percent of standard item response, after background correction.	Re-collect data from that test until test that passes criteria is completed.			X	
6	Dynamic Detection Repeatability	(a) the number of anomalies on the repeat segment is within 20 percent of the original data, and (b) the test item (in IVS or transect data) anomaly characteristics (peak response and size) are repeatable within 25 percent (For transect EM61-MK2 surveys only [b] will apply.)	Re-collect data from that test until test that passes criteria is completed.				X

* No failures were experienced for the Areas 6 and 6A and DSA 1 investigation.

Table 6-1. Background Threshold Values for Soil*Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey*

CAS No.	Analyte	BTV* (mg/kg)
7429-90-5	Aluminum	25,325
7440-36-0	Antimony	5.401
7440-38-2	Arsenic	179
7440-39-3	Barium	216.7
7440-41-7	Beryllium	1.637
7440-43-9	Cadmium	3.402
7440-70-2	Calcium	5,890
7440-47-3	Chromium	201.3
7440-48-4	Cobalt	19.09
7440-50-8	Copper	634
7439-89-6	Iron	66,999
7439-92-1	Lead	294
7439-95-4	Magnesium	11,115
7439-96-5	Manganese	596.7
7439-97-6	Mercury	3.569
7440-02-0	Nickel	51.85
7440-09-7	Potassium	5690
7782-49-2	Selenium	9.536
7440-22-4	Silver	6.607
7440-23-5	Sodium	25,710
7440-28-0	Thallium	1.036
7440-62-2	Vanadium	119.2
7440-66-6	Zinc	709

* Background soil values are the 95/95 UTL for the DSAs.

Notes:

Refer to Appendix A for the DSA background sampling approach and derivation of the 95/95 UTLs.

BTV = background threshold value

DSA = Dredge Spoil Area

mg/kg = milligram(s) per kilogram

NA = not applicable

UTL = upper tolerance limit

Table 6-2. Constituents of Potential Concern

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Surface Soil (0 to 2 feet)	Subsurface Soil (2 to 7.7 feet)	Surface Water	Sediment
BEQ	BEQ	Aluminum	BEQ
2,3,7,8-TCDD TEQ	2,3,7,8-TCDD TEQ	Antimony	2,3,7,8-TCDD TEQ
Aluminum	Antimony	Arsenic	Aluminum
Antimony	Arsenic	Beryllium	Antimony
Arsenic	Cobalt	Cadmium	Arsenic
Cadmium	Iron	Cobalt	Cadmium
Cobalt	Vanadium	Copper	Cobalt
Iron	Heptachlor Epoxide	Iron	Iron
Manganese		Lead	Manganese
Mercury		Manganese	Mercury
Thallium		Nickel	Nickel
Vanadium		Selenium	Thallium
		Silver	Vanadium
		Thallium	Aroclor-1260
		Vanadium	4,4-DDD
		Zinc	
		Bis(2-ethylhexyl)phthalate	
		Trichloroethylene	

Notes:

BEQ = benzo(a)pyrene equivalent

2,3,7,8-TCDD = 2,3,7,8-tetrachlorodibenzo-p-dioxin

Table 6-3. Potentially Complete Exposure Pathways

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Receptor	Medium	Exposure Route and Point of Exposure	Pathway Selected for Evaluation	Reason for Selection or Exclusion
Current/Future				
Maintenance worker	Surface soil	Ingestion, dermal contact, and inhalation exposure to COPCs in site surface soil	Yes	Maintenance workers may contact site surface soil while working at the site.
Future				
Recreational user/trespasser (adult, adolescent, child)	Surface soil	Ingestion, dermal contact, and inhalation exposure to COPCs in site surface soil	Yes	Recreational users/trespassers may contact site surface soil while visiting the site.
	Sediment	Ingestion and dermal contact exposure to COPCs in site sediment	Yes	Recreational users/trespassers may contact site sediment while visiting the site.
	Surface water	Ingestion and dermal contact exposure to COPCs in site surface water	Yes	Recreational users/trespassers may contact site surface water while visiting the site.
Industrial/commercial worker	Surface soil	Ingestion, dermal contact, and inhalation exposure to COPCs in site surface soil	Yes	Industrial/commercial workers may contact site surface soil while working at the site.
Construction/utility worker	Total soil	Ingestion, dermal contact, and inhalation exposure to COPCs in site total soil	Yes	Construction/utility workers may contact site total soil if the site is redeveloped in the future.
Hypothetical resident (adult and child)	Surface soil	Ingestion, dermal contact, and inhalation exposure to COPCs in site surface soil	Yes	Although the site is unlikely to be considered for residential development, this scenario is included for decision-making purposes. Future residents could contact surface soil at the site.
	Total soil	Ingestion, dermal contact, and inhalation exposure to COPCs in site total soil	Yes	Although the site is unlikely to be considered for residential development, this scenario is included for decision-making purposes. Future residents could contact total soil at the site.

Note:

COPC = constituent of potential concern

Table 6-4. Risk Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Scenario Time Frame	Receptor Population	Medium	Exposure Route	ELCR	HQ/HI	Chemicals Contributing to Target Organs with HI > 1	Chemicals Contributing to ELCR>1E-04	COCs
Current/ Future	Maintenance Worker	Surface Soil (0 to 2 feet)	Ingestion	3.E-05	0.4	All Target HIs < 1	None	None
			Dermal Contact	4.E-06	0.02			
			Inhalation	4.E-08	0.004			
			Surface Soil Total	3.E-05	0.4			
			Background-Related Risk Contribution⁽¹⁾	3.E-05	0.3			
Future	Recreational User/Trespasser (Adult)	Surface Soil (0 to 2 feet)	Ingestion	5.E-06	0.08	All Target HIs < 1	None	None
			Dermal Contact	7.E-07	0.006			
			Inhalation	5.E-09	0.0007			
			Surface Soil Total	6.E-06	0.09			
			Background-Related Risk Contribution⁽¹⁾	6.E-06	0.08			
		Sediment	Ingestion	2.E-06	0.06	All Target HIs < 1	None	None
			Dermal Contact	2.E-06	0.03			
			Sediment	4.E-06	0.08			
		Surface Water	Ingestion	2.E-07	0.02	All Target HIs < 1	None	None
			Dermal Contact	2.E-05	0.3			
			Surface Water	2.E-05	0.3			
		Receptor Total		3.E-05	0.5			
	Recreational User/Trespasser (Adolescent)	Surface Soil (0 to 2 feet)	Ingestion	5.E-06	0.2	All Target HIs < 1	None	None
			Dermal Contact	5.E-07	0.008			
			Inhalation	2.E-09	0.0007			
			Surface Soil Total	5.E-06	0.2			
			Background-Related Risk Contribution⁽¹⁾	5.E-06	0.1			
		Sediment	Ingestion	2.E-06	0.1	All Target HIs < 1	None	None
			Dermal Contact	1.E-06	0.03			
			Sediment	3.E-06	0.1			
		Surface Water	Ingestion	2.E-07	0.04	All Target HIs < 1	None	None
			Dermal Contact	1.E-05	0.4			
			Surface Water	1.E-05	0.4			
		Receptor Total		2.E-05	0.7			
	Recreational User/Trespasser (Child)	Surface Soil (0 to 2 feet)	Ingestion	2.E-05	0.9	All Target HIs < 1	None	None
			Dermal Contact	1.E-06	0.03			
			Inhalation	2.E-09	0.0007			
			Surface Soil Total	2.E-05	0.9			
			Background-Related Risk Contribution⁽¹⁾	2.E-05	0.8			
		Sediment	Ingestion	5.E-06	0.3	All Target HIs < 1	None	None
			Dermal Contact	1.E-06	0.05			
			Sediment	6.E-06	0.4			
		Surface Water	Ingestion	4.E-07	0.1	All Target HIs < 1	None	None
			Dermal Contact	1.E-05	0.6			
			Surface Water	1.E-05	0.7			
		Receptor Total		4.E-05	2			

Table 6-4. Risk Summary

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Scenario Time Frame	Receptor Population	Medium	Exposure Route	ELCR	HQ/HI	Chemicals Contributing to Target Organs with HI > 1	Chemicals Contributing to ELCR>1E-04	COCs
Future (cont.)	Industrial/ Commercial Worker	Surface Soil (0 to 2 feet)	Ingestion	3.E-05	0.4	All Target HIs < 1	None	None
			Dermal Contact	4.E-06	0.03			
			Inhalation	4.E-08	0.004			
			Surface Soil Total	4.E-05	0.4			
			Background-Related Risk Contribution ⁽¹⁾	3.E-05	0.4			
	Construction/Utility Worker	Total Soil (0 to 7.7 feet)	Ingestion	3.E-06	0.8	All Target HIs < 1	None	None
			Dermal Contact	3.E-07	0.05			
			Inhalation	1.E-07	0.3			
			Total Soil Total	4.E-06	1			
			Background-Related Risk Contribution ⁽¹⁾	4.E-06	1	Arsenic		
	Resident (HI for Adult and ELCR for Adult/ Child Aggregate)	Surface Soil (0 to 2 feet)	Ingestion	2.E-04	0.6	All Target HIs < 1	Arsenic, BEQ, 2,3,7,8-TCDD TEQ	None
			Dermal Contact	1.E-05	0.04			
			Inhalation	2.E-07	0.02			
			Surface Soil Total	2.E-04	0.6			
			Background-Related Risk Contribution ⁽¹⁾	2.E-04	0.6	Arsenic		
		Total Soil (0 to 7.7 feet)	Ingestion	1.E-04	0.5	All Target HIs < 1	None	None
			Dermal Contact	1.E-05	0.04			
			Inhalation	2.E-07	0.02			
			Total Soil Total	1.E-04	0.6			
			Background-Related Risk Contribution ⁽¹⁾	2.E-04	0.6	Arsenic		
	Resident (Child)	Surface Soil (0 to 2 feet)	Ingestion	NA	6	Arsenic, Vanadium	None	None
			Dermal Contact	NA	0.2			
			Inhalation	NA	0.02			
			Surface Soil Total	NA	6			
			Background-Related Risk Contribution ⁽¹⁾	NA	6	Arsenic, Vanadium		
		Total Soil (0 to 7.7 feet)	Ingestion	NA	6	Arsenic, Vanadium	None	None
			Dermal Contact	NA	0.2			
			Inhalation	NA	0.02			
			Total Soil Total	NA	6			
			Background-Related Risk Contribution ⁽¹⁾	NA	6	Arsenic, Vanadium		

⁽¹⁾ Background-related risks were calculated for inorganic COPCs (refer to Attachment H-4).

Bold text indicates cumulative ELCR and HI.

BEQ = benzo(a)pyrene equivalent

2,3,7,8-TCDD = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

COC = constituent of concern

COPC = constituent of potential concern

ELCR = excess lifetime cancer risk

HQ/HI = hazard quotient/hazard index

NA = not applicable

Table 6-5. Background Risk Contribution

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Scenario Time Frame	Receptor Population	Exposure Medium	COPC	Estimated Site Risks		Background Risks	
				ELCR	HQ/HI	ELCR	HQ/HI
Current/ Future	Maintenance Worker	Surface Soil	BEQ	3.E-07	0.003	NA	NA
			2,3,7,8-TCDD TEQ	5.E-07	0.01	NA	NA
			Aluminum	NA	0.01	NA	0.02
			Antimony	NA	0.003	NA	0.004
			Arsenic	3.E-05	0.2	3.E-05	0.2
			Cadmium	7.E-10	0.003	2.E-10	0.001
			Cobalt	7.E-09	0.02	1.E-08	0.03
			Iron	NA	0.04	NA	0.04
			Manganese	NA	0.002	NA	0.003
			Mercury	NA	0.001	NA	0.003
			Thallium	NA	0.09	NA	0.05
			Vanadium	NA	0.009	NA	0.009
Total			3.E-05	0.4	3.E-05	0.3	
Future	Recreational User/ Trespasser (Adult)	Surface Soil	BEQ	5.E-08	0.0006	NA	NA
			2,3,7,8-TCDD TEQ	8.E-08	0.003	NA	NA
			Aluminum	NA	0.003	NA	0.004
			Antimony	NA	0.0007	NA	0.001
			Arsenic	6.E-06	0.05	6.E-06	0.04
			Cadmium	9.E-11	0.0008	3.E-11	0.0002
			Cobalt	9.E-10	0.005	1.E-09	0.007
			Iron	NA	0.010	NA	0.01
			Manganese	NA	0.0004	NA	0.0006
			Mercury	NA	0.0003	NA	0.0006
			Thallium	NA	0.02	NA	0.01
			Vanadium	NA	0.002	NA	0.002
	Total			6.E-06	0.09	6.E-06	0.08
	Recreational User/ Trespasser (Adolescent)	Surface Soil	BEQ	1.E-07	0.001	NA	NA
			2,3,7,8-TCDD TEQ	7.E-08	0.006	NA	NA
			Aluminum	NA	0.006	NA	0.006
			Antimony	NA	0.001	NA	0.002
			Arsenic	5.E-06	0.08	5.E-06	0.08
			Cadmium	5.E-11	0.001	1.E-11	0.0004
			Cobalt	5.E-10	0.008	7.E-10	0.01
			Iron	NA	0.02	NA	0.02
			Manganese	NA	0.0006	NA	0.0009
			Mercury	NA	0.0006	NA	0.001
			Thallium	NA	0.04	NA	0.02
			Vanadium	NA	0.004	NA	0.004
	Total			5.E-06	0.2	5.E-06	0.1
	Recreational User/ Trespasser (Child)	Surface Soil	BEQ	7.E-07	0.005	NA	NA
			2,3,7,8-TCDD TEQ	3.E-07	0.03	NA	NA
			Aluminum	NA	0.03	NA	0.04
			Antimony	NA	0.008	NA	0.01
			Arsenic	2.E-05	0.5	2.E-05	0.4
			Cadmium	3.E-11	0.008	8.E-12	0.002
			Cobalt	3.E-10	0.05	4.E-10	0.07
Iron			NA	0.1	NA	0.1	
Manganese			NA	0.003	NA	0.004	
Mercury			NA	0.004	NA	0.006	
Thallium			NA	0.2	NA	0.1	
Vanadium			NA	0.02	NA	0.02	
Total			2.E-05	0.9	2.E-05	0.8	

Table 6-5. Background Risk Contribution

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Scenario Time Frame	Receptor Population	Exposure Medium	COPC	Estimated Site Risks		Background Risks	
				ELCR	HQ/HI	ELCR	HQ/HI
Future (cont.)	Industrial/ Commercial Worker	Surface Soil	BEQ	3.E-07	0.003	NA	NA
			2,3,7,8-TCDD TEQ	5.E-07	0.02	NA	NA
			Aluminum	NA	0.02	NA	0.02
			Antimony	NA	0.003	NA	0.005
			Arsenic	3.E-05	0.2	3.E-05	0.2
			Cadmium	7.E-10	0.004	2.E-10	0.001
			Cobalt	8.E-09	0.02	1.E-08	0.03
			Iron	NA	0.05	NA	0.05
			Manganese	NA	0.002	NA	0.003
			Mercury	NA	0.002	NA	0.003
			Thallium	NA	0.10	NA	0.06
			Vanadium	NA	0.01	NA	0.01
			Total	4.E-05	0.4	3.E-05	0.4
	Construction/ Utility Worker	Total Soil	BEQ	3.E-08	0.01	NA	NA
			2,3,7,8-TCDD TEQ	1.E-07	0.004	NA	NA
			Aluminum	NA	0.1	NA	0.1
			Antimony	NA	0.02	NA	0.01
			Arsenic	4.E-06	0.6	4.E-06	0.7
			Cadmium	2.E-09	0.02	6.E-10	0.006
			Cobalt	2.E-08	0.01	3.E-08	0.02
			Iron	NA	0.1	NA	0.1
			Manganese	NA	0.08	NA	0.1
			Mercury	NA	0.0007	NA	0.001
			Thallium	NA	0.05	NA	0.04
			Vanadium	NA	0.03	NA	0.03
			Heptachlor Epoxide	5.E-09	0.003	NA	NA
			Total	4.E-06	1	4.E-06	1
	Resident (HI for Adult and ELCR for Adult/Child Aggregate)	Surface Soil	BEQ	6.E-06	0.004	NA	NA
			2,3,7,8-TCDD TEQ	2.E-06	0.02	NA	NA
			Aluminum	NA	0.03	NA	0.03
			Antimony	NA	0.005	NA	0.006
			Arsenic	2.E-04	0.3	2.E-04	0.3
			Cadmium	3.E-09	0.006	9.E-10	0.002
			Cobalt	3.E-08	0.03	5.E-08	0.05
			Iron	NA	0.06	NA	0.1
			Manganese	NA	0.006	NA	0.01
			Mercury	NA	0.002	NA	0.004
			Thallium	NA	0.1	NA	0.08
			Vanadium	NA	0.02	NA	0.01
			Total	2.E-04	0.6	2.E-04	0.6
	Resident (Child)	Surface Soil	BEQ	NA	0.04	NA	NA
			2,3,7,8-TCDD TEQ	NA	0.2	NA	NA
			Aluminum	NA	0.2	NA	0.2
			Antimony	NA	0.05	NA	0.07
			Arsenic	NA	3	NA	3
			Cadmium	NA	0.05	NA	0.02
			Cobalt	NA	0.3	NA	0.5
			Iron	NA	0.7	NA	0.7
			Manganese	NA	0.02	NA	0.03
			Mercury	NA	0.02	NA	0.04
			Thallium	NA	1	NA	0.8
			Vanadium	NA	0.2	NA	0.2
			Total	NA	6	NA	6
Future (cont.)	Resident (HI for Adult and ELCR for Adult/Child Aggregate)	Total Soil	BEQ	5.E-06	0.004	NA	NA
			2,3,7,8-TCDD TEQ	5.E-06	0.05	NA	NA
			Aluminum	NA	0.02	NA	0.03
			Antimony	NA	0.01	NA	0.006
			Arsenic	1.E-04	0.3	2.E-04	0.3
			Cadmium	3.E-09	0.005	9.E-10	0.002
			Cobalt	3.E-08	0.03	5.E-08	0.05
			Iron	NA	0.06	NA	0.07
			Manganese	NA	0.006	NA	0.01

Table 6-5. Background Risk Contribution

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Scenario Time Frame	Receptor Population	Exposure Medium	COPC	Estimated Site Risks		Background Risks	
				ELCR	HQ/HI	ELCR	HQ/HI
	Resident (Child)	Total Soil	Mercury	NA	0.002	NA	0.004
			Thallium	NA	0.1	NA	0.08
			Vanadium	NA	0.01	NA	0.01
			Heptachlor Epoxide	2.E-07	0.001	NA	NA
			Total	1.E-04	0.6	2.E-04	0.6
			BEQ	NA	0.03	NA	NA
			2,3,7,8-TCDD TEQ	NA	0.5	NA	NA
			Aluminum	NA	0.2	NA	0.2
			Antimony	NA	0.1	NA	0.1
			Arsenic	NA	3	NA	3
			Cadmium	NA	0.04	NA	0.02
			Cobalt	NA	0.3	NA	0.5
			Iron	NA	0.6	NA	0.7
			Manganese	NA	0.02	NA	0.03
			Mercury	NA	0.02	NA	0.04
			Thallium	NA	1	NA	0.8
			Vanadium	NA	0.1	NA	0.2
			Heptachlor Epoxide	NA	0.01	NA	NA
			Total	NA	6	NA	6

Bold text indicates cumulative ELCR and HI.

BEQ = benzo(a)pyrene equivalent

2,3,7,8-TCDD = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

COPC = constituent of potential concern

ELCR = excess lifetime cancer risk

HQ/HI = hazard quotient/hazard index

NA = not applicable

Table 6-6. UCL Comparison

Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

COPC	Unweighted UCL used in HHRA		Area-Weighted UCL	
		(mg/kg) ¹		(mg/kg) ²
Antimony	3.18	95% KM (% Bootstrap) UCL	2.53	Student's t 95% UCL
Arsenic	58	95% Approximate Gamma UCL	66	Student's t 95% UCL
Cadmium	3.09	97.5% KM (Chebyshev) UCL	0.83	Student's t 95% UCL
Mercury	0.49	95% KM (t) UCL	0.57	Student's t 95% UCL
Thallium	0.84	95% KM (Percentile Bootstrap) UCL	1.1	Student's t 95% UCL

Notes:

UCLs are based on soil data collected from 0 to 7.7 feet below ground surface.

¹ Refer to RAGS Part D Table 3.2.RME in Attachment H-1.

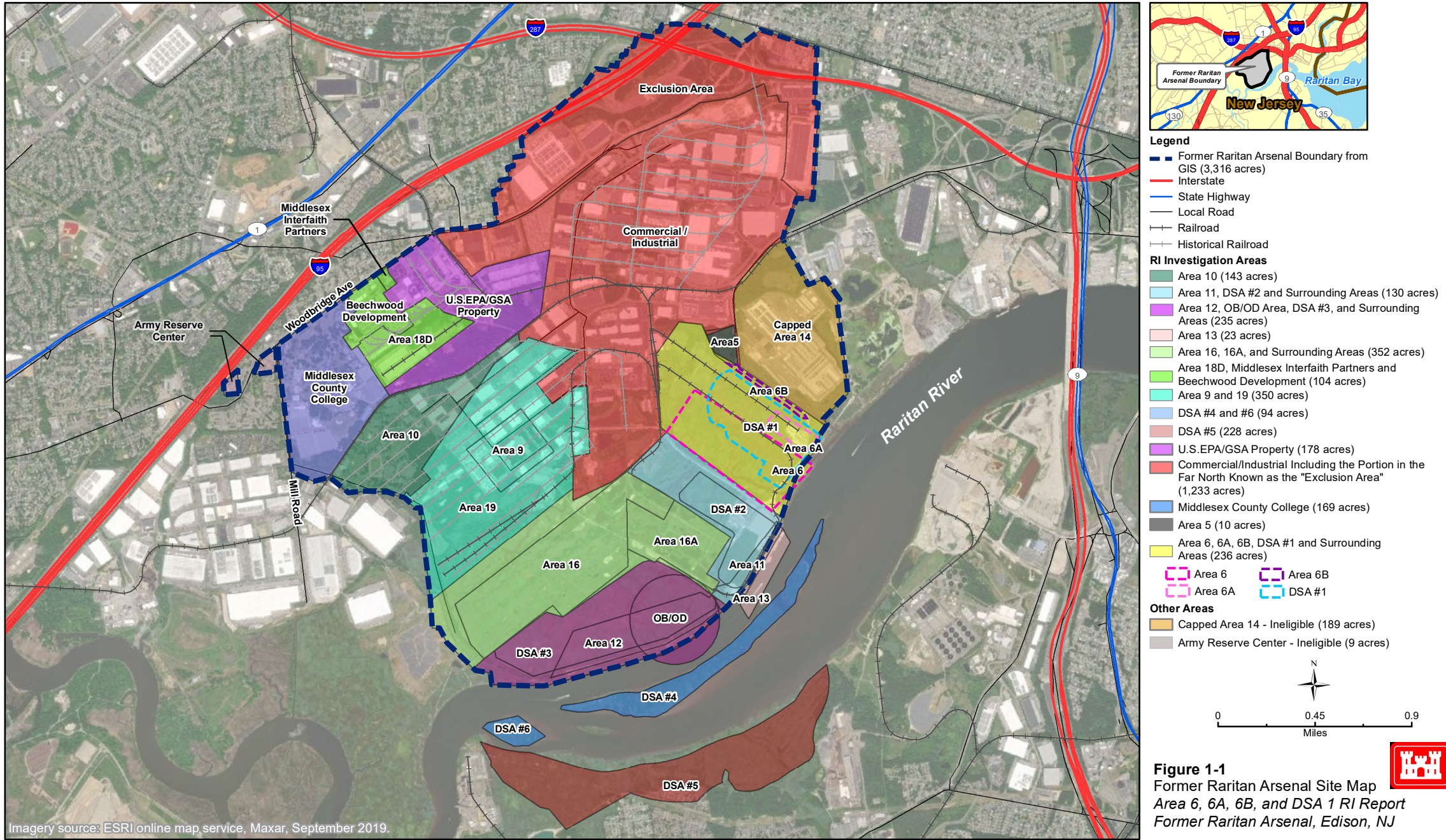
² Refer to Attachment H-7. Calculated using the Interstate Technology and Regulatory Council's calculation spreadsheet, "Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs."

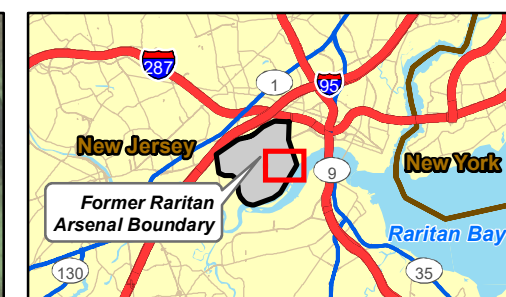
UCL = upper confidence limit

KM = Kaplan-Meier

mg/kg = milligram per kilogram

Figures





- LEGEND**
- Former Raritan Arsenal Boundary from GIS (3,316 acres)
 - Railroad
 - Historical Railroad
 - Investigation Area
 - 1993 Geophysical and Intrusive MEC Investigation Area
 - Area 6
 - Area 6A
 - Area 6B
 - DSA #1

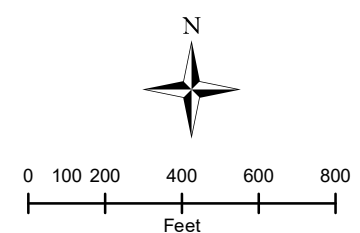


Figure 1-2
 Site Features
 Area 6, 6A, 6B, and DSA 1 RI Report
 Former Raritan Arsenal, Edison, NJ



Imagery source: ESRI online map service, Maxar, September 2019.

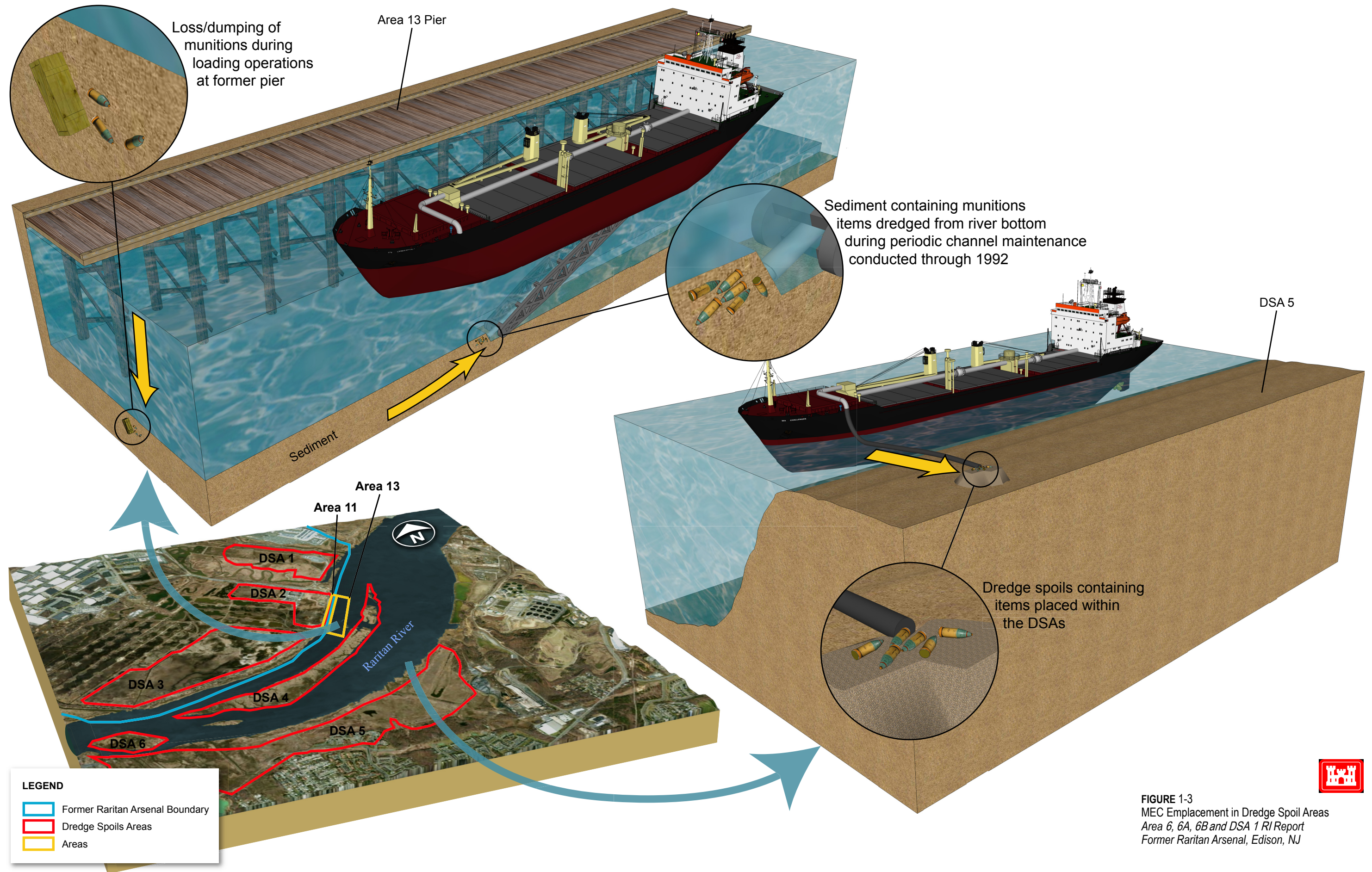
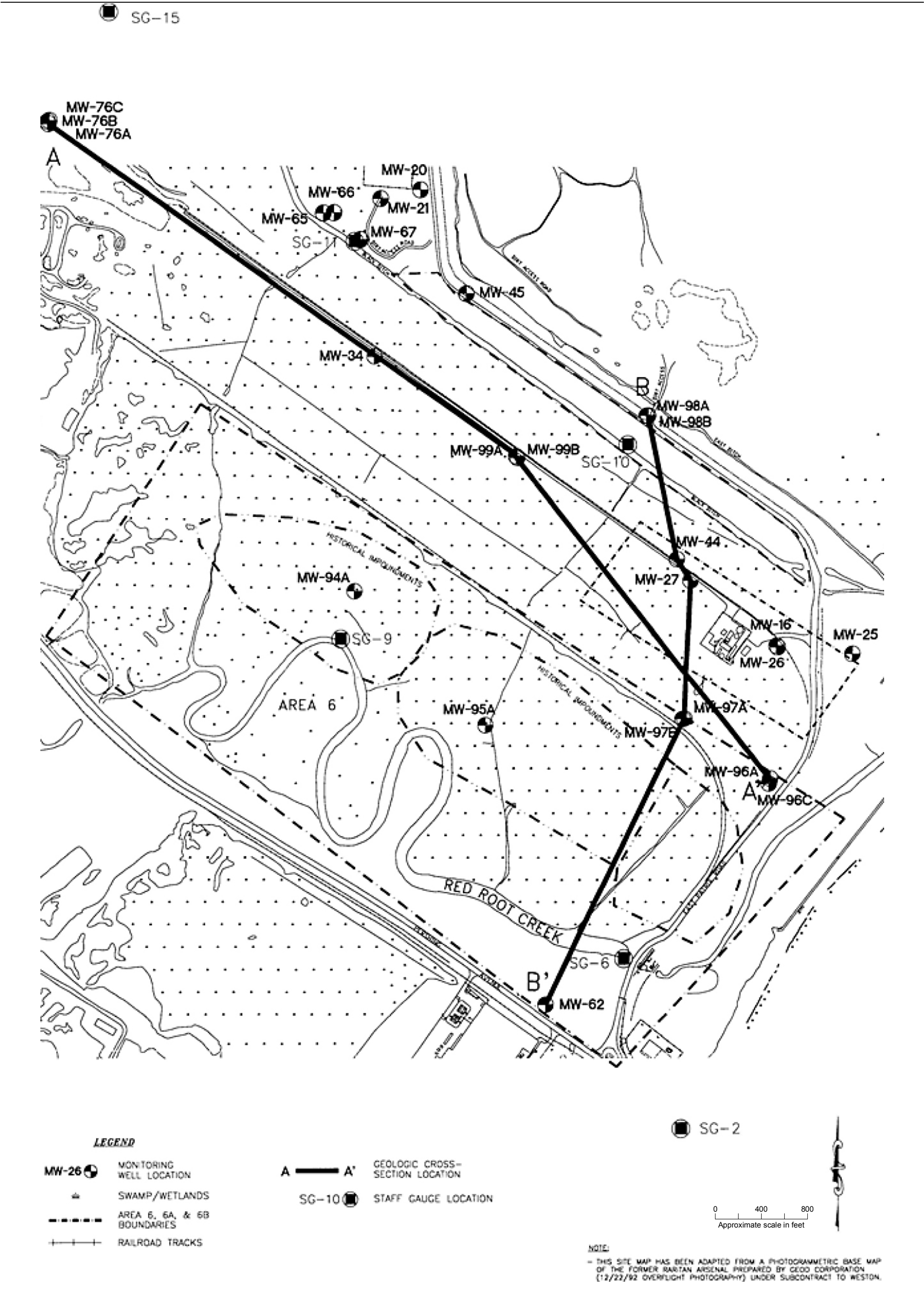


FIGURE 1-3
MEC Emplacement in Dredge Spoil Areas
Area 6, 6A, 6B and DSA 1 RI Report
Former Raritan Arsenal, Edison, NJ

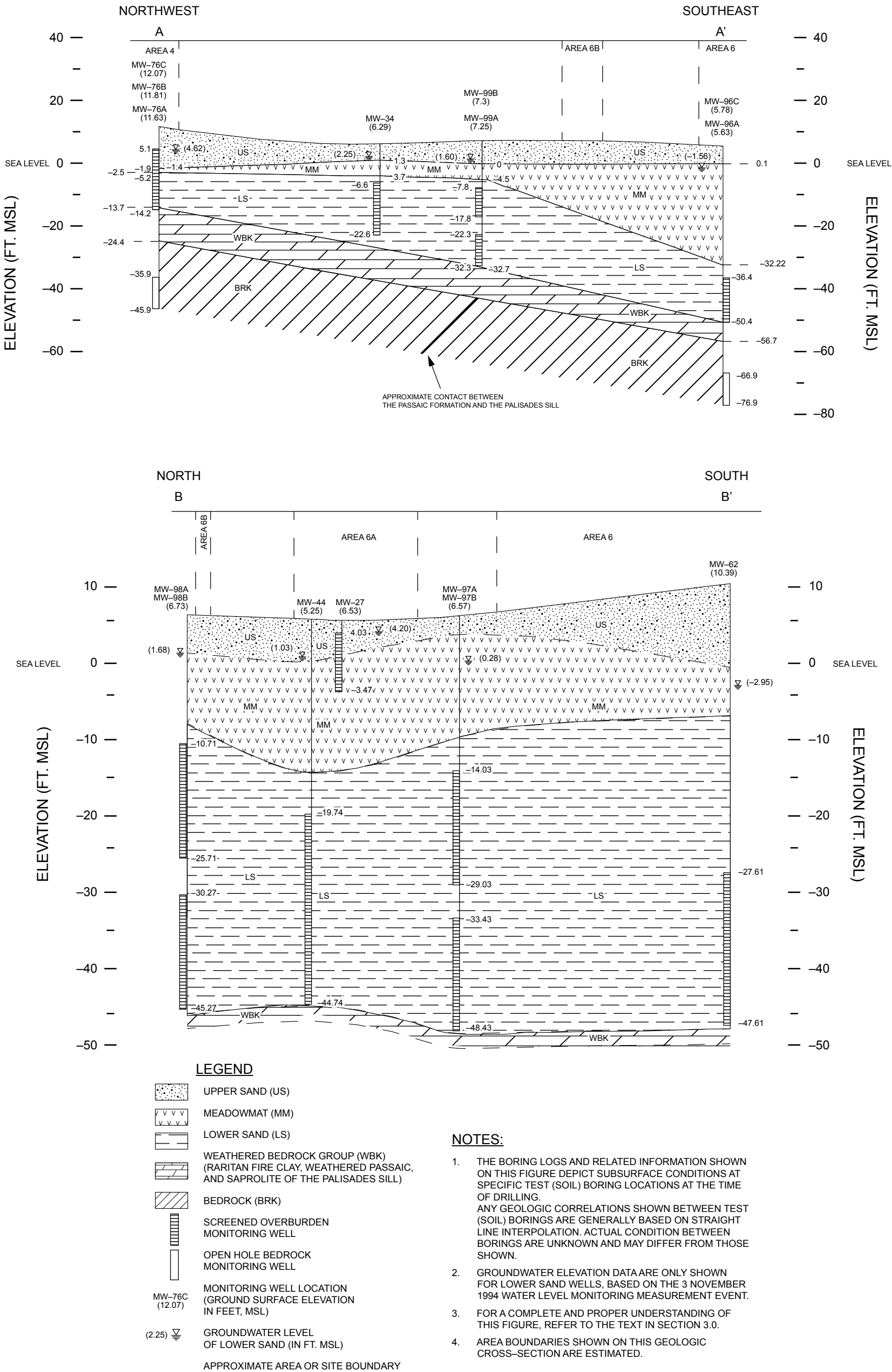




Weston, Inc., US Army Corps of Engineers New England Division, Final Report of Investigation, Former Raritan Arsenal Area 6 Investigation. March 1997.



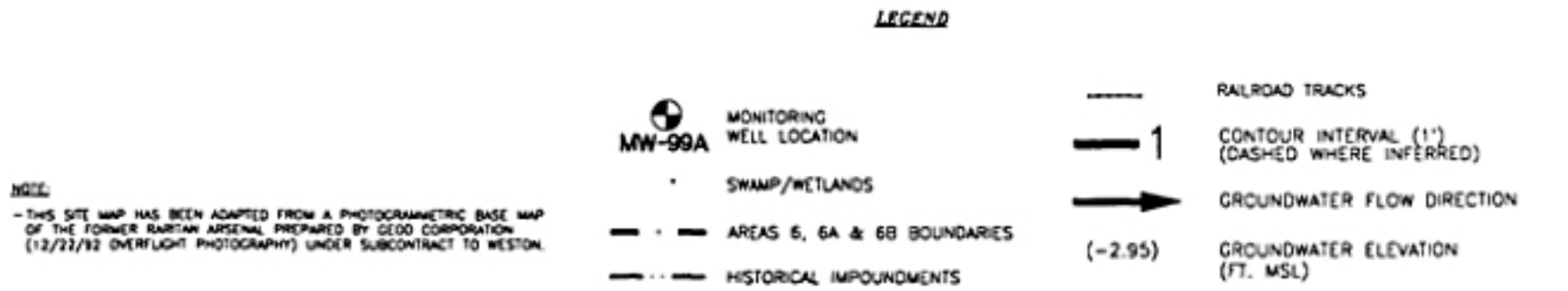
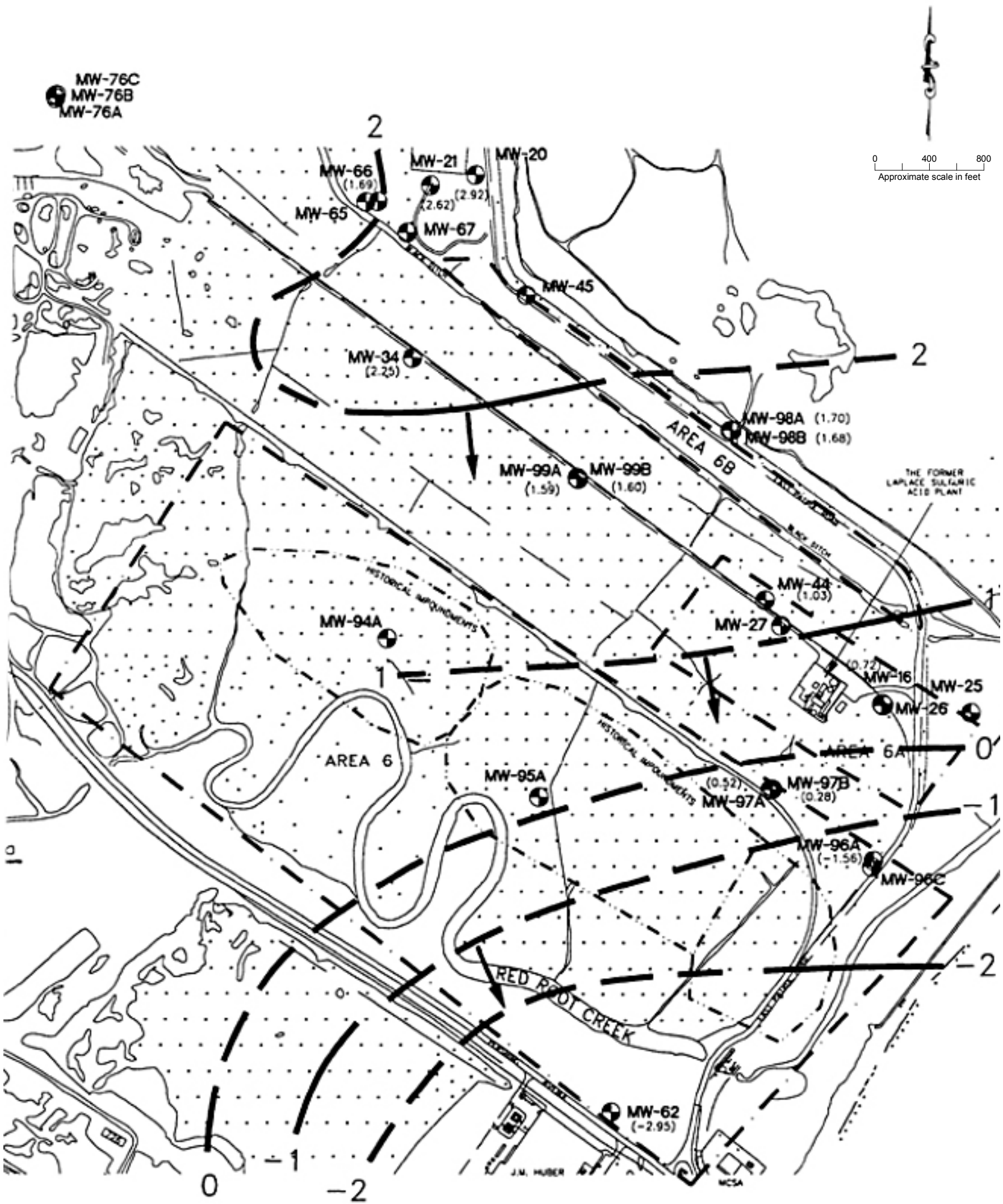
FIGURE 2-1
Geologic Cross Section Location Map
Former Raritan Arsenal
Edison, New Jersey



Weston, Inc., US Army Corps of Engineers New England Division, Final Report of Investigation, Former Raritan Arsenal Area 6 Investigation. March 1997.



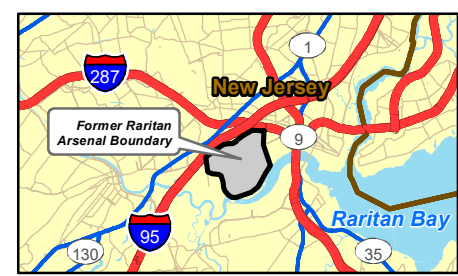
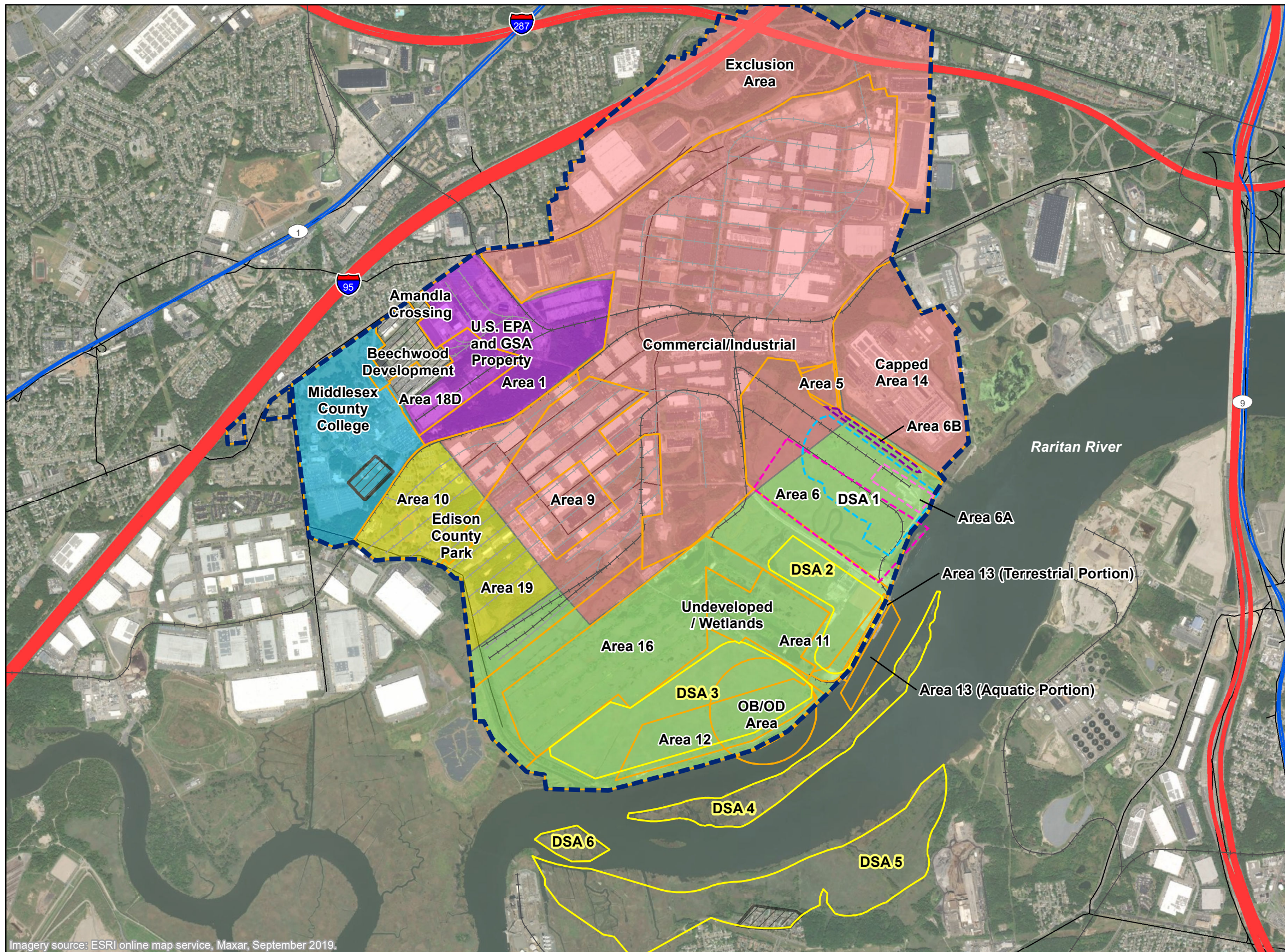
FIGURE 2-2
Selected Geologic Cross Sections
Former Raritan Arsenal
Edison, New Jersey



Weston, Inc., US Army Corps of Engineers New England Division, Final Report of Investigation, Former Raritan Arsenal Area 6 Investigation. March 1997.



FIGURE 2-3
Area 6 Groundwater Contour Map –
3 November 1994
Former Raritan Arsenal
Edison, New Jersey



Legend

- Area 6
- Area 6A
- Area 6B
- DSA #1
- Dredge Spoils Area
- Other Area
- Former Raritan Arsenal Boundary from GIS (3,316 acres)
- Interstate
- State Highway
- Local Road
- Railroad
- Historical Railroad

Exposure Units

- Area Not Evaluated
- Commercial/Industrial
- Edison County Park
- Middlesex County College
- U.S. EPA and GSA Property
- Undeveloped / Wetlands

Note:
- Area 5 and 14 shown for reference and are not being investigated as part of this RI/FS.

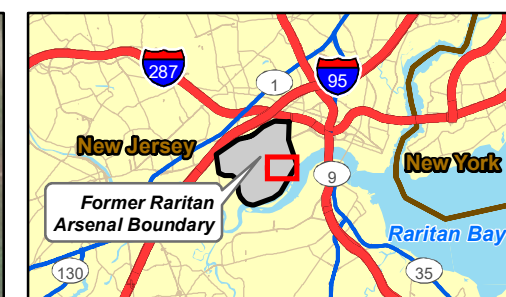
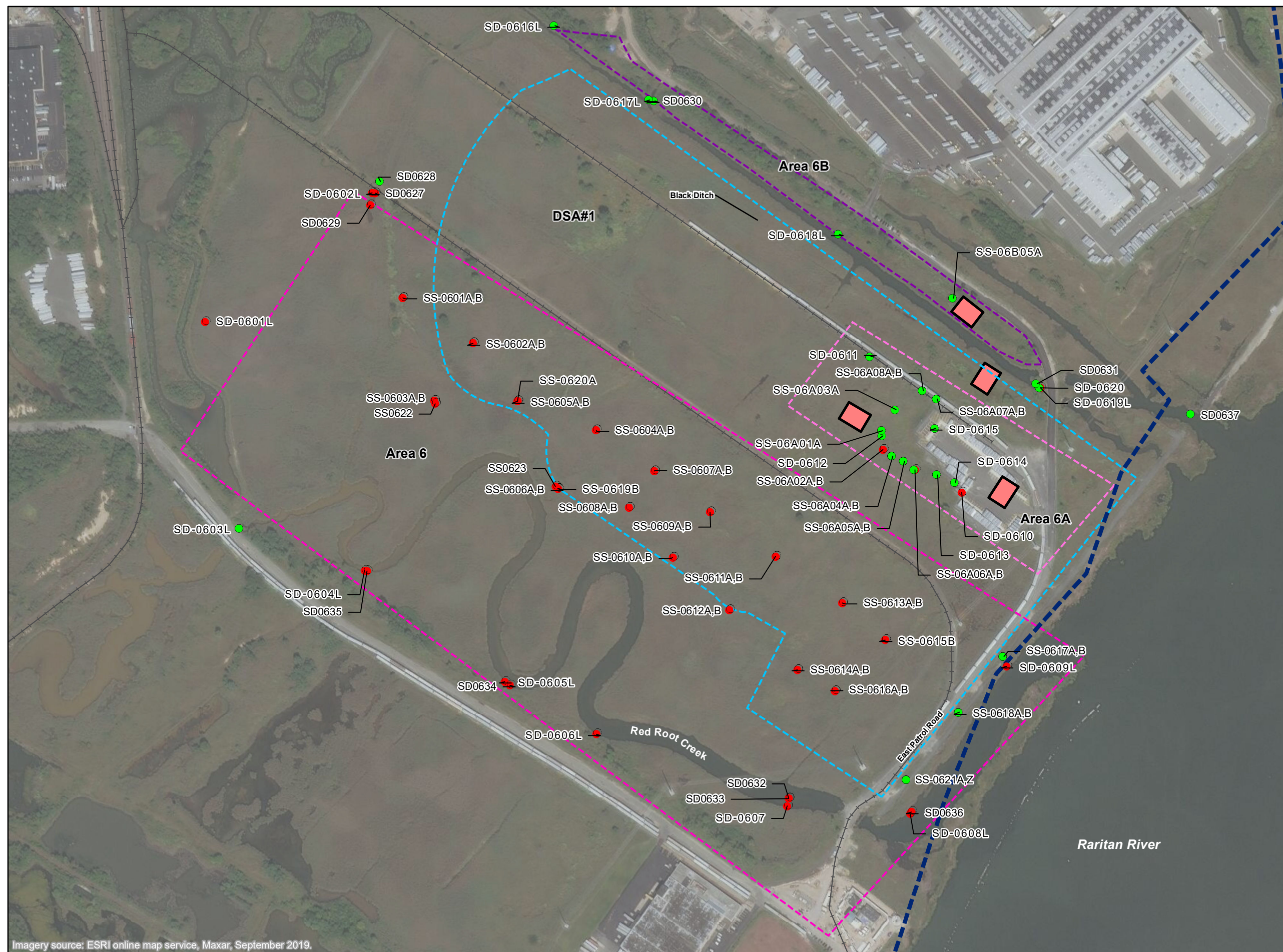
0 0.25 0.5
Miles



Figure 2-4
Land Use Map
Area 6, 6A, 6B and DSA 1 RI Report
Former Raritan Arsenal, Edison, NJ

Imagery source: ESRI online map service, Maxar, September 2019.

\\dc1vs011GISProj\U\USACE\Raritan\MapFiles\2021\RI_Area6\Fig02-04_Raritan_RI_LandUse.mxd 5/5/2021 mcotterb



LEGEND

- Arsenic Concentration < 19 mg/kg
- Arsenic Concentration > 19 mg/kg
- Former Raritan Arsenal Boundary from GIS (3,316 acres)
- Area 6
- Area 6A
- Area 6B
- DSA #1
- 1993 Geophysical and Intrusive MEC Investigation Area
- Railroad
- Historical Railroad

Note:
mg/kg = milligrams per kilogram

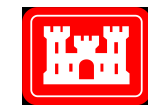
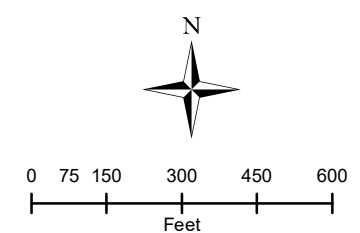
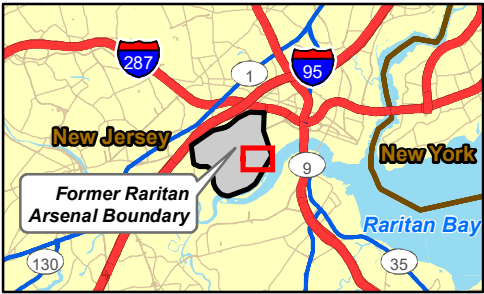


Figure 3-2
Area 6 Arsenic Exceedances in
Surface Soil and Sediment
Area 6, 6A, 6B, and DSA 1 RI Report
Former Raritan Arsenal, Edison, NJ

Imagery source: ESRI online map service, Maxar, September 2019.





- LEGEND**
- Arsenic Concentration < 19 mg/kg
 - Arsenic Concentration > 19 mg/kg
 - Former Raritan Arsenal Boundary from GIS (3,316 acres)
 - Area 6
 - Area 6A
 - Area 6B
 - DSA #1
 - 1993 Geophysical and Intrusive MEC Investigation Area
 - Railroad
 - Historical Railroad

Note:
mg/kg = milligrams per kilogram

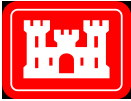
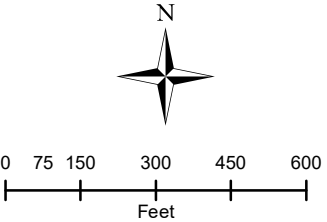
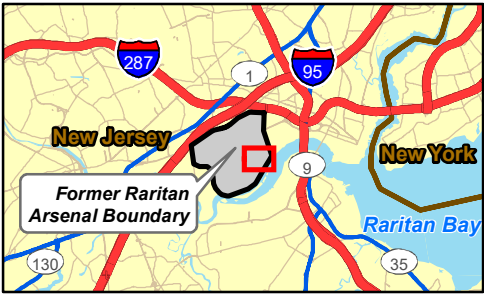


Figure 3-4
Area 6 Arsenic Exceedances in
Subsurface Soil
Area 6, 6A, 6B, and DSA 1 RI Report
Former Raritan Arsenal, Edison, NJ

Imagery source: ESRI online map service, Maxar, September 2019.



- LEGEND**
- SVOC Concentration < RSL and SRS
 - At Least One SVOC Concentration > RSL and/or SRS
 - ▭ Former Raritan Arsenal Boundary from GIS (3,316 acres)
 - ▭ 1993 Geophysical and Intrusive MEC Investigation Areas
 - ▭ Area 6 ▭ Area 6B
 - ▭ Area 6A ▭ DSA #1

Note:
SVOC = Semivolatile organic compound (benzo[a]pyrene).
RSL = EPA residential Regional Screening Level (RSL).
NJDEP residential Soil Remediation Standard (SRS).

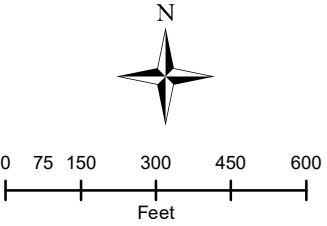
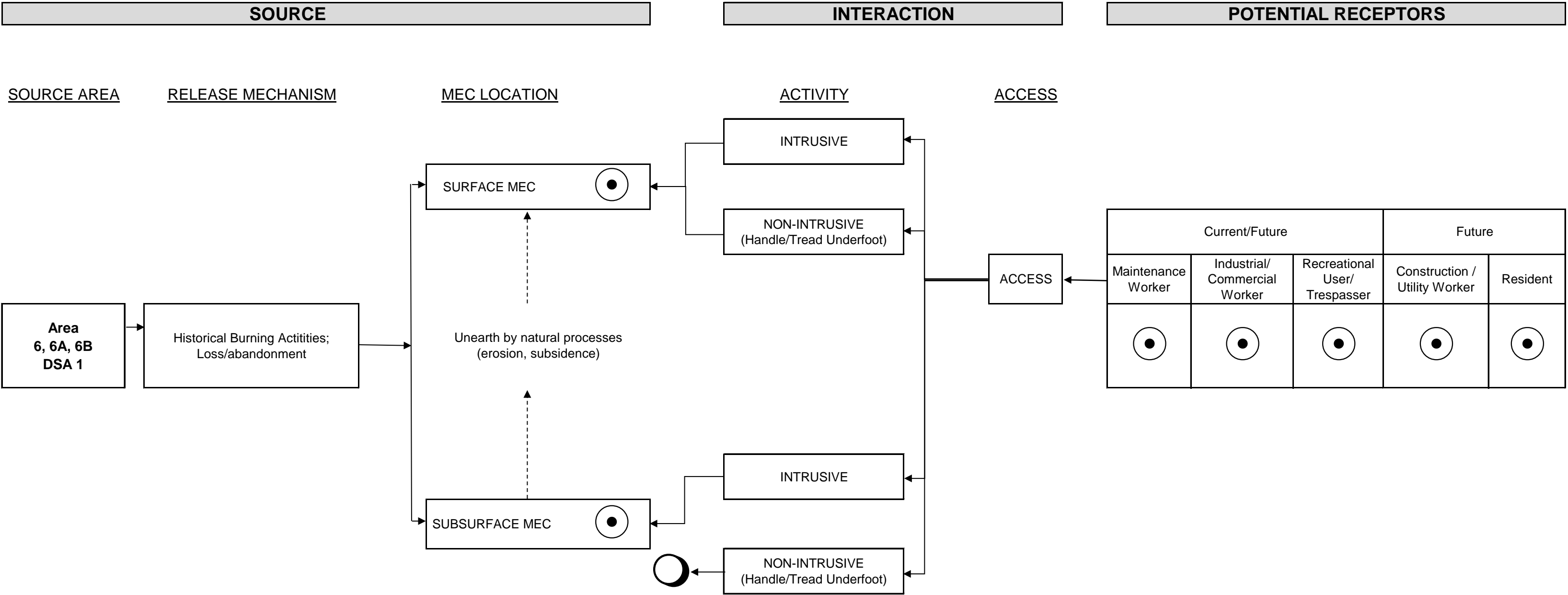


Figure 3-5
SVOC Exceedances in Subsurface Soil
Area 6, 6A, 6B, and DSA 1 RI Report
Former Raritan Arsenal, Edison, NJ

Imagery source: ESRI online map service, Maxar, September 2019.



LEGEND

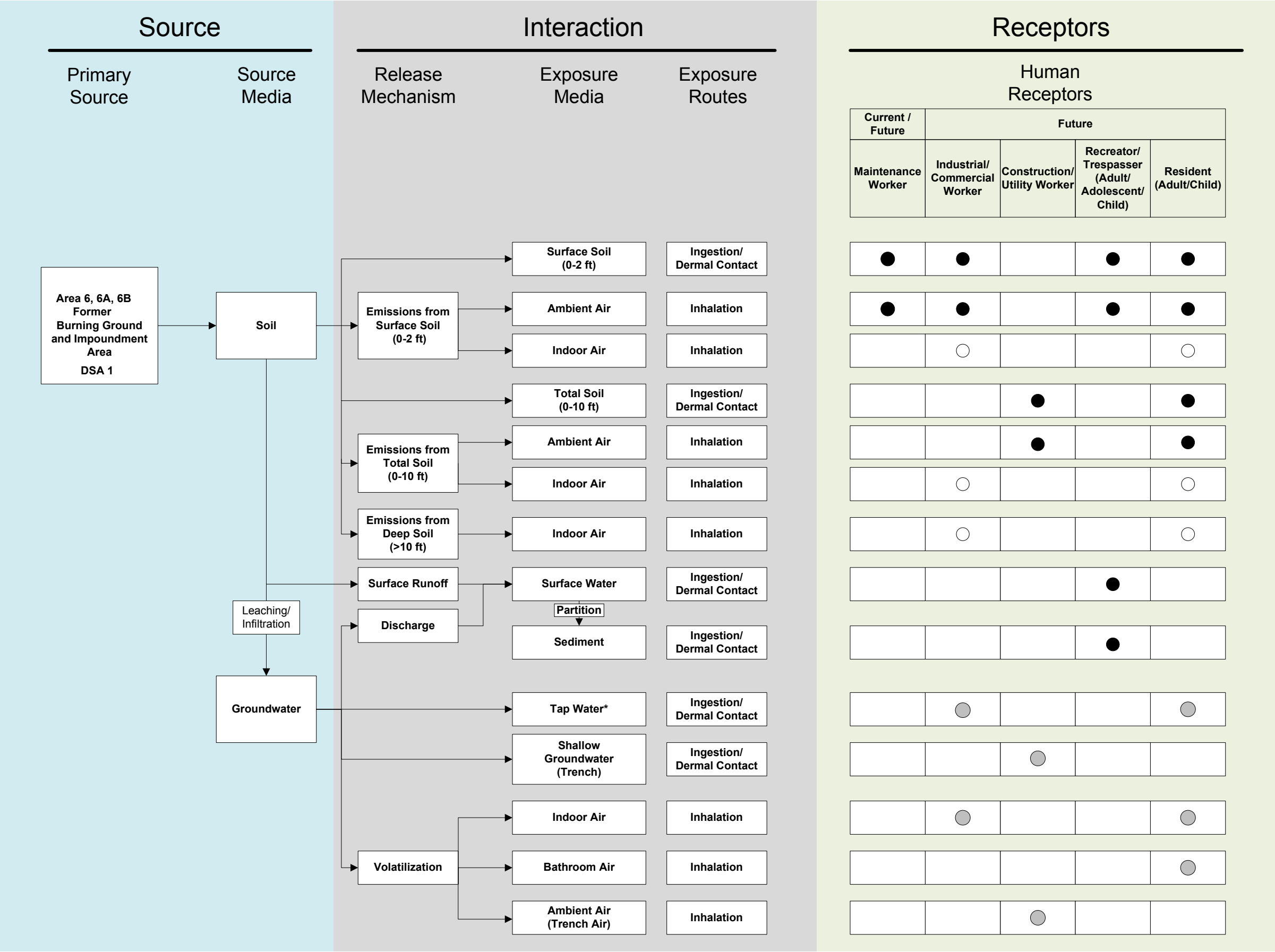
COMPLETE PATHWAY

POTENTIALLY COMPLETE PATHWAY

INCOMPLETE PATHWAY

FIGURE 4-1
MEC Conceptual Site Model
Area 6, 6A, 6B and DSA 1 RI Report
Former Raritan Arsenal, Edison, NJ





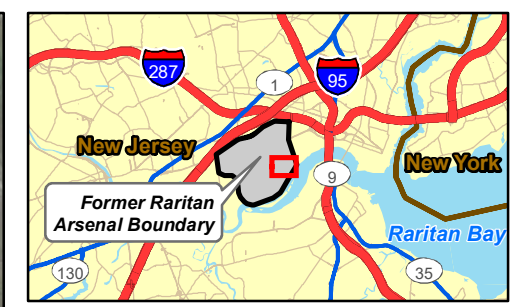
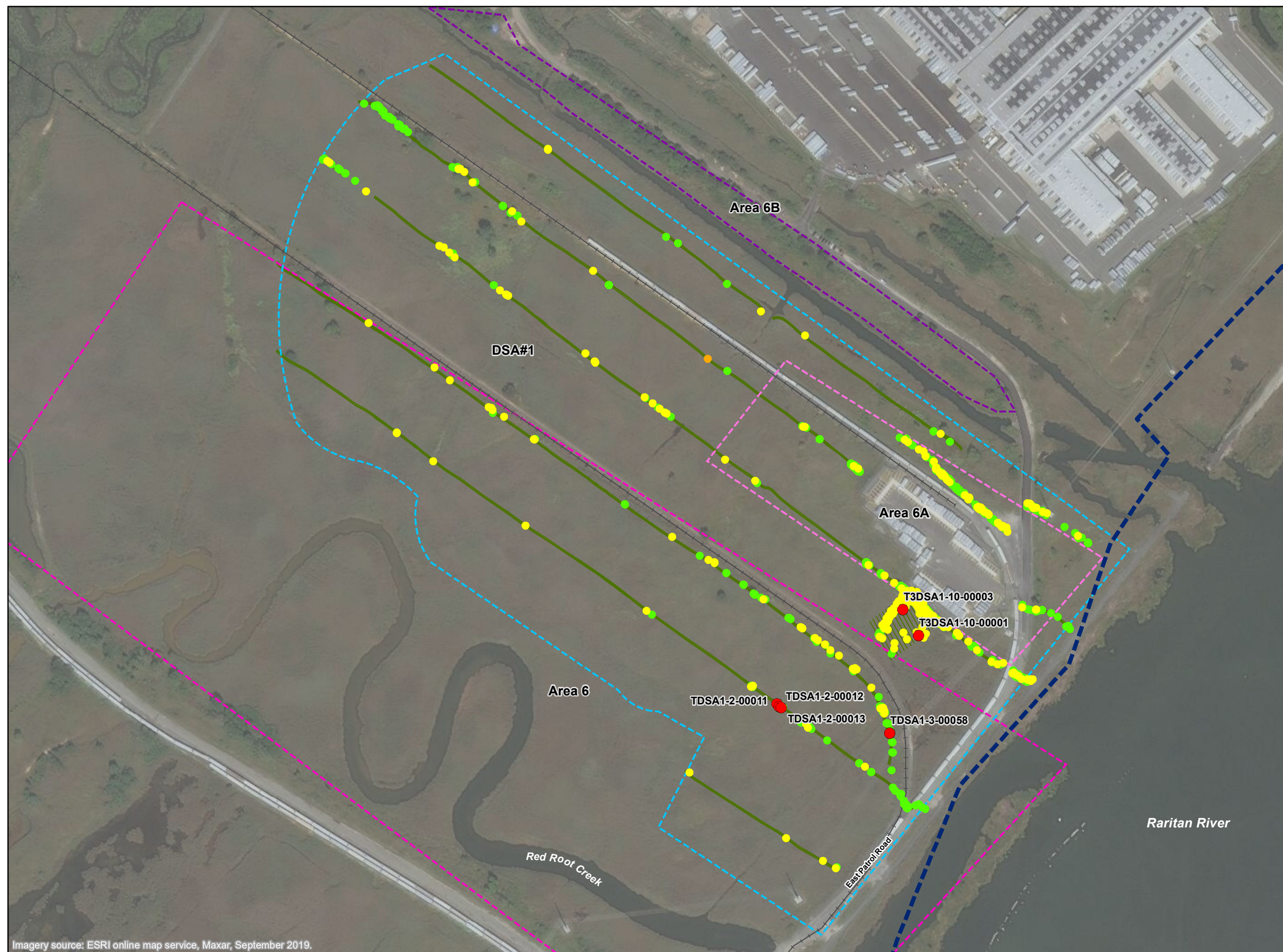
LEGEND

- Potentially complete exposure pathway identified for quantitative evaluation
- Potentially complete exposure pathway identified for qualitative evaluation
- Potentially complete exposure pathway identified but previously evaluated in the site-wide groundwater RI

* The tap water exposure pathway is incomplete for a current industrial/commercial worker because current buildings are connected to municipal water.



FIGURE 4-2
Areas 6, 6A, 6B and DSA 1 Human Health
Conceptual Site Model
Former Raritan Arsenal
Edison, New Jersey



- LEGEND**
- Intrusive Investigation Location: MD
 - DGM Anomaly (Not Selected for Investigation)
 - Intrusive Investigation Location: Non-Munitions Debris
 - QC Seed Item
 - Area 6
 - Area 6A
 - Area 6B
 - DSA #1
 - Former Raritan Arsenal Boundary from GIS (3,316 acres)
 - Transect
 - Railroad
 - Historical Railroad
 - ▨ 1-Meter-Wide Transects spaced at 3-Meter Intervals (Potential Pit Location from 1963 Aerial Photograph)

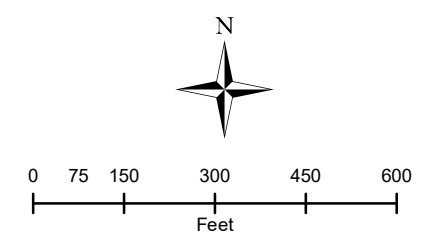


Figure 5-1
 DSA 1 Anomalies Selected for Intrusive Investigation
 Area 6, 6A, 6B, and DSA 1 RI Report
 Former Raritan Arsenal, Edison, NJ

Imagery source: ESRI online map service, Maxar, September 2019.

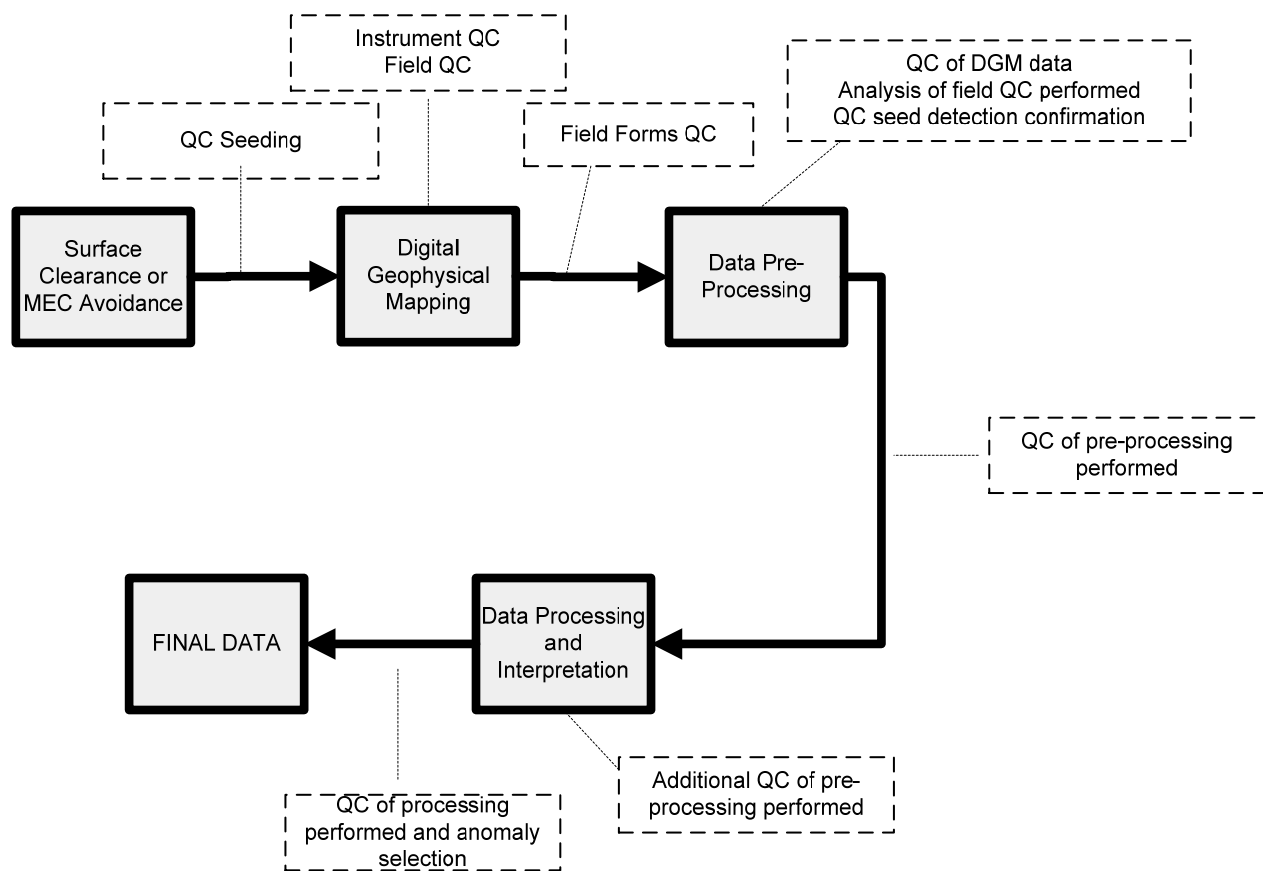
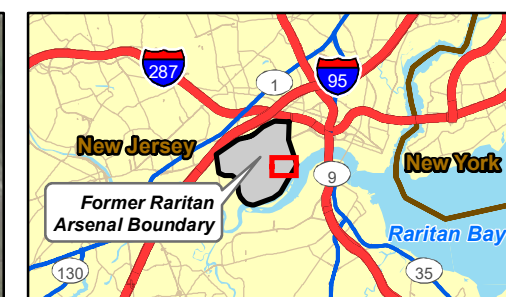
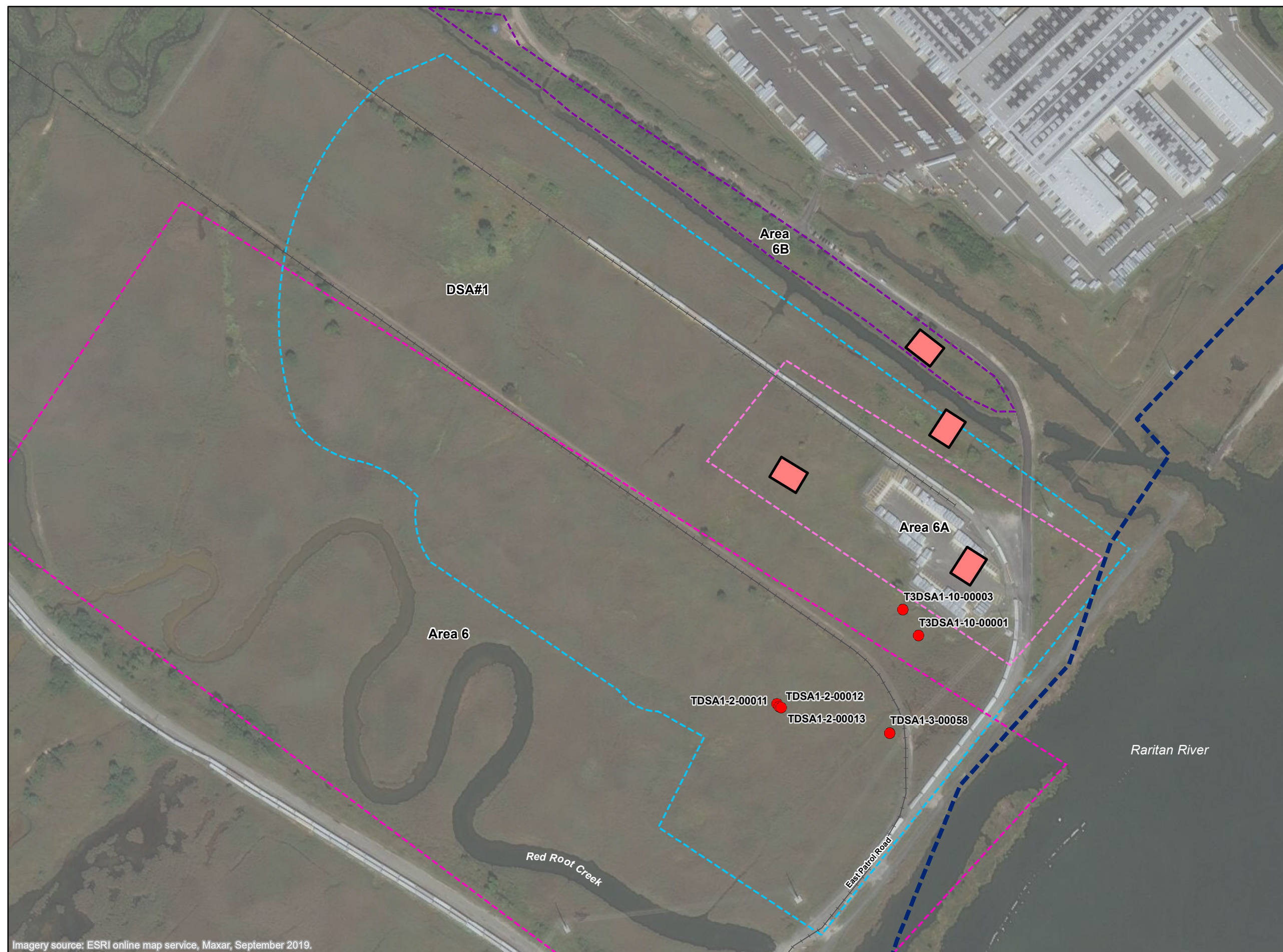


Figure 5-2. Overview of DGM Process Quality Control
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey



- LEGEND**
- MD
 - Former Raritan Arsenal Boundary from GIS (3,316 acres)
 - 1993 Geophysical and Intrusive MEC Investigation Area
 - Area 6
 - Area 6A
 - Area 6B
 - DSA #1
 - +— Railroad
 - +— Historical Railroad

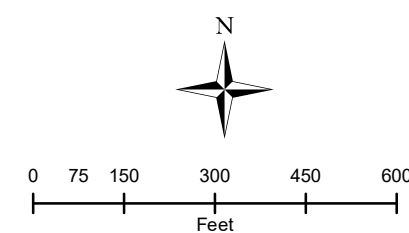
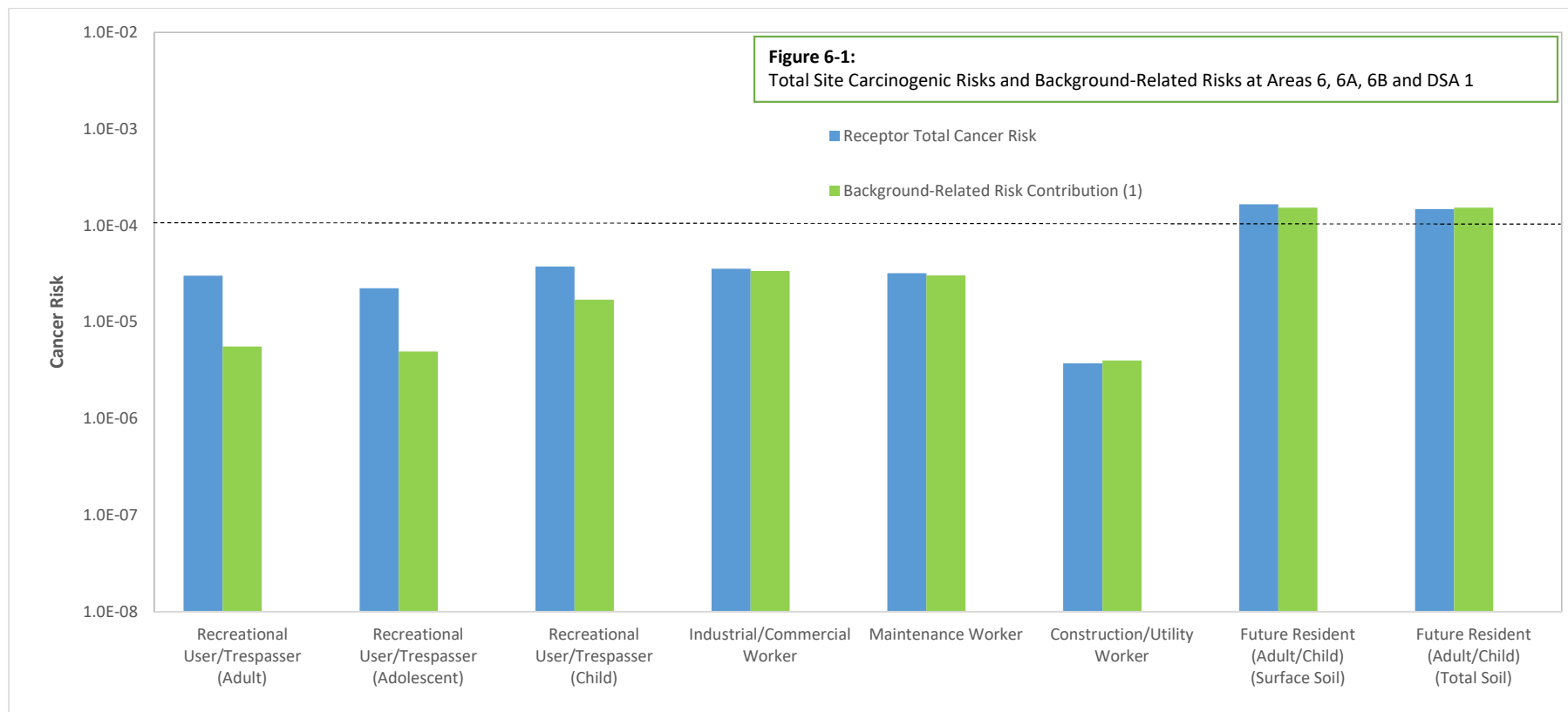


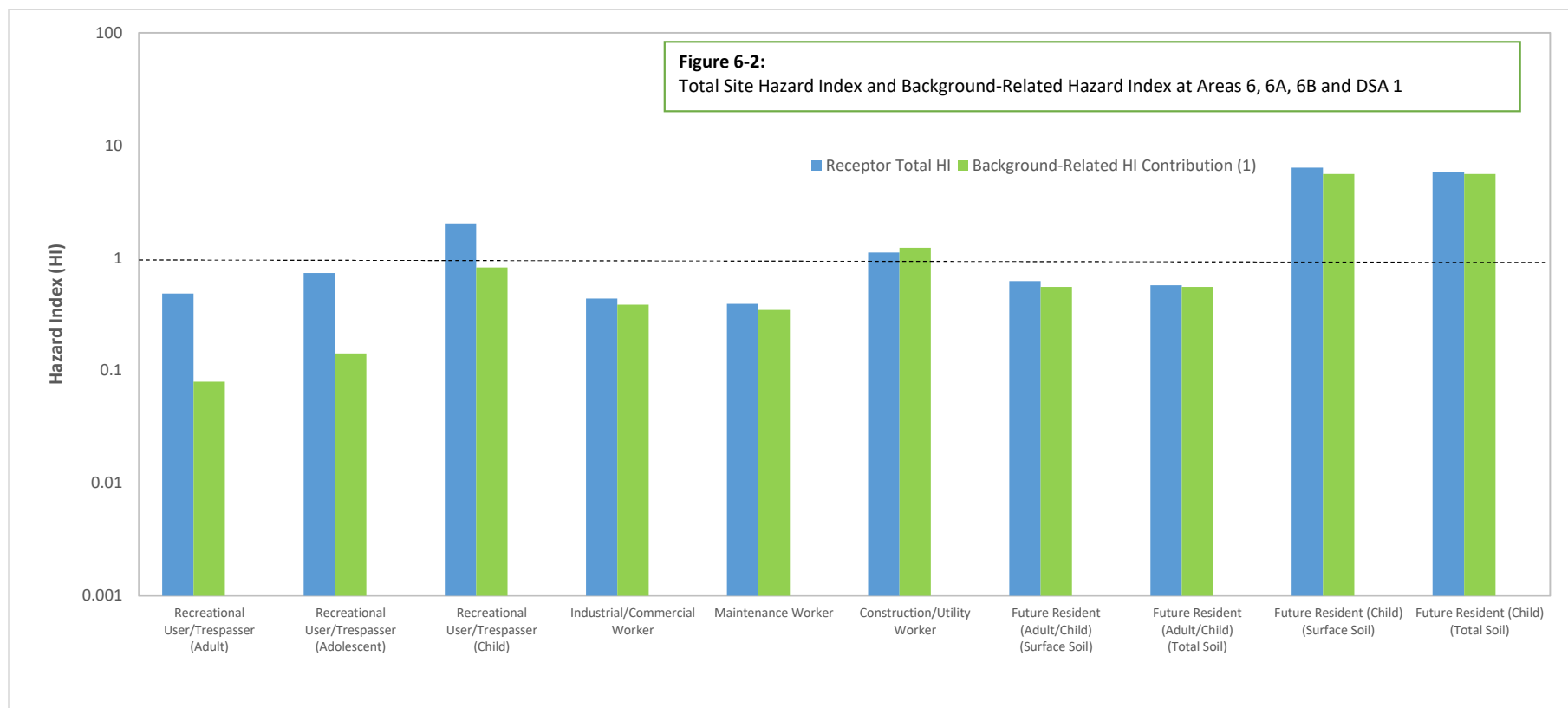
Figure 5-3
 DSA 1 MD Locations
 Area 6, 6A, 6B, and DSA 1 RI Report
 Former Raritan Arsenal, Edison, NJ

Imagery source: ESRI online map service, Maxar, September 2019.



Notes:

(1) Background-related risks were calculated for inorganic COPCs (refer to Attachment H-4).



Notes:

(1) Background-related HIs were calculated for inorganic COPCs (refer to Attachment H-4).

HI = Hazard Index

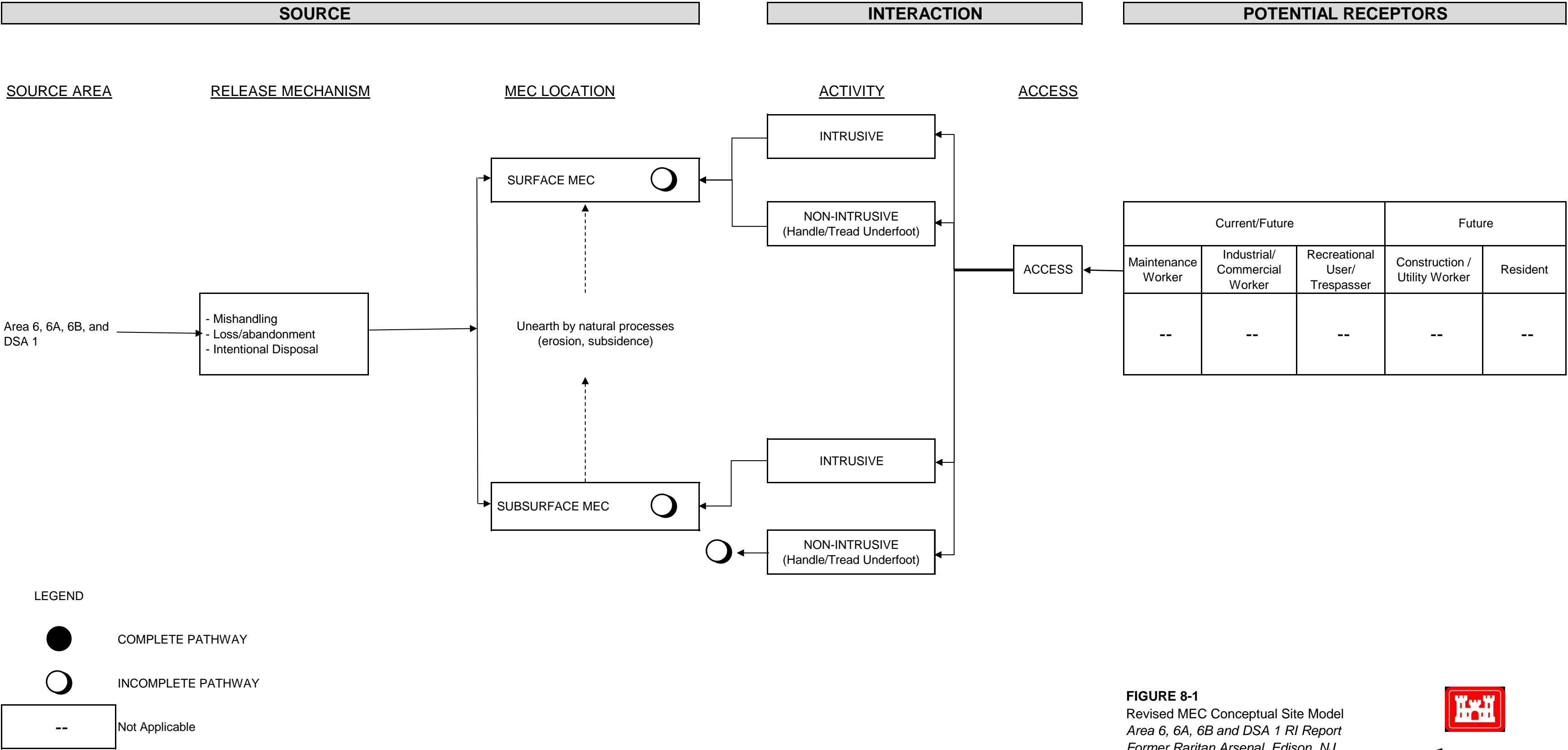


FIGURE 8-1

Revised MEC Conceptual Site Model
Area 6, 6A, 6B and DSA 1 RI Report
Former Raritan Arsenal, Edison, NJ



Appendix A
Background Study for
Dredge Spoil Areas

Background Study for Dredge Spoil Areas

A background study was conducted for the dredge spoil areas (DSAs) that are being investigated as part of the remedial investigation/feasibility study (RI/FS) that is being completed for several areas of investigation¹ at the former Raritan Arsenal in Middlesex County, New Jersey (Figure A-1). The purpose of the background study was to collect samples representative of background conditions in the areas with dredge spoils and establish a background dataset using statistical and graphical data analyses.² Dredge spoils from the Raritan River were historically deposited at DSAs 1, 2, 3, 4, 5, and 6. Therefore, the background dataset for the dredge spoils will be used to determine if site concentrations within the DSAs are attributable to dredge spoils rather than a site-specific release.

The background study was conducted in general accordance with the following guidance documents:

- *Environmental Statistics: Environmental Quality – Engineering and Design* (U.S. Army Corps of Engineers [USACE], 2013)
- *Determination of Background Concentrations of Inorganics in Soils and Sediments at Hazardous Waste Sites* (U.S. Environmental Protection Agency [EPA], 1995)
- *Guidance for Comparing Background and Chemical Concentrations in Soil for CERCLA Sites* (EPA, 2002)
- *ProUCL Version 5.1 Technical Guide. Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations* (EPA, 2015)

The background study included the following steps: 1) Establishing a background dataset; 2) Estimating background threshold values (BTVs) using upper tolerance limits (UTLs); and 3) Providing the methodology for site-to-background comparisons. Each of these steps is discussed in the following sections.

Background Dataset

Background samples were collected from the DSAs and were evaluated to establish a representative background dataset for metals. The background dataset will be used in the site-to-background comparisons for the DSAs to determine if the metals are attributable to background levels. The approach used to collect the background data and the results of the background data evaluation are discussed below.

Background Data Collection

Overview of Dredge Spoil Areas

Historical records indicate that dredging of the lower Raritan River was performed from approximately the World War II era up to as recently as 1992. According to Weston (2002), “A 300-foot wide, 25-foot-deep channel was historically maintained by USACE from Raritan Bay upriver to immediately downstream of the former Arsenal.” Historical dredging activities maintained a turning basin, which vessels used for turning around in the channel after picking up supplies from the former Arsenal,

¹ The background study was conducted during RI/FS work performed as part of Contract Number W912DY-09-D-0060, Task Order 003.

² For the purpose of the study, “background” refers to concentrations or locations that are not influenced by a site-related release and are described as naturally occurring or anthropogenic.

whereas more recent dredging activities were focused on maintaining a channel downstream of the turning basin toward Raritan Bay.

The dredge spoils from the Raritan River were disposed within several areas identified as DSAs (Figure A-1) (Dames & Moore, 1993). The total land area of the DSAs is 645 acres with 323 acres located within the boundary of the former Arsenal and 322 acres located outside the boundary. The DSAs are located in the southeastern portion of the former Arsenal (DSA 1 through DSA 3), on the south shoreline of the Raritan River directly across from the former Arsenal (DSA 5), and on two small islands (Crab Island) located within the Raritan River (DSAs 4 and 6). DSA 1 overlaps with Areas 6, 6A, and 6B; DSA 2 overlaps with Area 11; and DSA 3 overlaps with Area 12.

Background Sampling Approach

The overall investigation approach used for the RI/FS for the former Raritan Arsenal consisted of three phases. Phases I and II were completed in Fall 2013 and Spring 2014, respectively, and consisted of digital geophysical mapping (DGM), selecting anomalies of interest, and conducting intrusive investigations of the selected anomalies. A statistically representative subset of the identified anomalies was investigated to determine which anomalies may represent targets of interest (either unexploded ordnance [UXO], discarded military munitions [DMM], or practice munitions items). The results of the Phase I and II investigations were used to determine the approach for the background sampling, as described in the *Final Revision 1 Uniform Federal Policy for Quality Assurance Project Plan (UFP-QAPP) for the RI/FS* (CH2M, 2016). The background sampling was completed during Phase III of the RI/FS in August 2016.

Sample locations for the background sampling were identified in areas where dredge spoils from the Raritan River were previously delineated; specifically at DSAs 1, 2, 3, and 5. The background sample locations were placed in separate DSAs to capture potential variability in constituent concentrations since the dredge spoils were sourced from different areas of the Raritan River and were dredged and deposited at different times. Within each DSA, the background samples were collected outside areas where metallic anomalies were identified to avoid areas potentially impacted by munitions and explosives of concern (MEC) and munitions constituents (MC).

The background samples were collected from random sample points located within two 0.5-acre sampling grids placed at each DSA. The sampling grids were subdivided into four cells and one sample location was randomly placed in each grid cell using the Environmental Systems Research Institute (ESRI) geographic information system (GIS) software. A total of 32 soil samples (0 to 10 feet below ground surface [bgs]) were collected and analyzed for Target Analyte List (TAL) metals. The samples were composited across the 0 to 10 feet depth interval. The soil sampling locations are shown on Figures A-2 through A-5.

Background Data Validation

The background analytical data collected from the DSAs during the Phase III sampling were validated, and the data validation results are provided in Attachment A-1. The validation process showed the precision, accuracy, representativeness, comparability and completeness of the laboratory results as qualified to meet the project objectives. A summary of the background data is provided in Table A-1. A copy of the background dataset is provided in Attachment A-2.

Background Data Evaluation

Identification of Outliers

An outlier can be defined as a measurement that is unusual relative to other measurements in the same sample population, and which therefore is suspected of misrepresenting the population to which it is

assigned (EPA, 2002). Because of their extreme value relative to most of the sample data, outliers can distort statistical calculations (EPA, 2002, 2015).

Typical reasons for outliers in background data (EPA, 2002) include:

- Improper sampling, analytical error, or laboratory contamination
- Errors in data transcription
- Non-normal population (population is highly skewed toward high or low values)
- Natural heterogeneity with “true” background values that are unusually low or high
- Sample is affected by site-related contamination

Background data collected from the DSAs were evaluated for potential outliers using the Rosner outlier test with a 0.05 significance level. The Rosner test was run up to five times and the potential outliers identified in each run were removed prior to running the subsequent test. The Rosner outlier test was also supplemented with graphical displays of the data (box-and-whisker plots and Q-Q plots) to facilitate the identification of potential outliers. The box-and-whisker plots and Q-Q plots are provided in Attachments A-3 and A-4, respectively. The potential outliers identified based on the Rosner test are summarized in Table A-2.

As stated in EPA’s *Data Quality Evaluation Statistical Toolbox (DataQUEST) User’s Guide* (EPA, 1997):

“If a data point is found to be an outlier, the analyst may either: 1) correct the data point; 2) discard the data point from analysis; or 3) use the data point in all analyses. This decision should be based on scientific reasoning in addition to the results of the statistical test. One should never discard an outlier based solely on a statistical test. Discarding an outlier from a data set should be done with extreme caution, particularly for environmental data sets, which often contain legitimate extreme values.”

The potential outliers identified based on the statistical tests and graphical displays are likely associated with the heterogeneity of the dredge spoils. The dredge spoils have inherent variability because they were collected from various areas of the Raritan River and were applied to the former Arsenal during different time periods. Additionally, the concentrations of metals in the dredge spoils reflect contributions from both naturally occurring and anthropogenic sources of uncertain origin. The background samples were not collected near metallic anomalies and therefore, are unlikely to represent a Department of Defense (DoD)-related release. The majority of the outliers were from four sample locations (DSA05-SB29, DSA05-SB30, DSA05-SB31, and DSA05-SB32) within the same sample grid located in the eastern portion of DSA 5. As shown in Figure A-5, these four locations were not located within close proximity to any metallic anomalies identified from the DGM. Based on these factors, the potential outliers identified based on the results of the statistical tests and graphical displays were included in the estimation of the UTLs for the DSAs.

Final Background Dataset

For the purpose of the background study, all of the background soil samples collected from DSAs 1, 2, 3, and 5 were grouped together to create one background data set. The dredge spoils were applied to the different DSAs at various times, in different quantities, and from multiple locations within the Raritan River. Therefore, combining the background data collected from the different DSAs provides a background dataset that is representative of the heterogeneity associated with the dredge spoils. The final background dataset consisted of all 32 soil samples (0 to 10 feet bgs) collected from DSAs 1, 2, 3, and 5.

Background Threshold Value Estimation

The 95 percent UTL of the 95th percentile, also called the 95/95 UTL or UTL, is typically used as a BTV for screening against site concentrations (EPA, 2015). If the background and site concentrations are not

different from one another, it can be concluded with 95 percent confidence that at least 95 percent of all site measurements will fall below the calculated 95/95 UTL (USACE, 2013). Therefore, it would be expected that a small percentage of site measurements will exceed the UTL, even when overall site contamination is not elevated relative to background. Based on this rationale, a target of 5 percent will be used to determine whether site concentrations are attributable to background levels.

The ProUCL software (EPA, 2016) was used to estimate the BTVs. The software estimates a value for non-detect results and tests the data distribution to determine if the data fit a normal, lognormal, or gamma distribution, or if the data do not fit any of these distributions (nonparametric). The UTL calculated based on ProUCL's recommended data distribution type was then selected as the BTV (Table A-3). The methods used by ProUCL software to estimate BTVs with non-detect results and to determine the distribution of the background dataset are briefly described below.

Handling of Non-detect Results

The occurrence of non-detect results (a left-censored data) is quite common in environmental datasets, especially when the data are from a background or reference area (EPA, 2015). The approach recommended by ProUCL (EPA, 2015) was used to calculate the UTLs for metals with non-detect results in the background data set. Goodness-of-fit tests for normal, lognormal and gamma distributions cannot be reliably used on left censored data. Therefore, emphasis is given on the use of distribution-free nonparametric methods including the Kaplan-Meier (KM), Chebyshev inequality, and other computer intensive bootstrap methods to calculate upper limits for datasets with non-detect results (EPA, 2015). The KM method has long been used in epidemiological statistics, such as survival analysis, to manage right-censored data. The KM method has been modified in ProUCL's algorithms to manage left-censored data.

Distributional Assumptions

The distribution of a dataset is important to determine so that appropriate statistical methods are used for analysis. The distributions of the background datasets for this study were determined using the ProUCL software (EPA, 2016). ProUCL uses two statistical tests to determine normal or log-normal distributions: the Shapiro-Wilk test and/or the Lilliefors test. ProUCL uses the Shapiro-Wilk test when the sample size is less than or equal to 50, and the Lilliefors test when the sample size is greater than 50. Tests for gamma distribution include the Kolmogorov Smirnov and Anderson-Darling tests. If ProUCL could not match the data to one of these three distributions, or if the percentage of non-detects in the dataset was greater than 40 percent (extreme left-censored data), nonparametric methods were used for further statistical analysis. Additional information regarding distributional tests is provided in the ProUCL guidance (EPA, 2015).

Recommended Methodology for Site-to-Background Comparisons

A site-to-background screening will be conducted for surface soil (0 to 2 feet bgs) and subsurface soil (2 to 10 feet bgs) at Areas 6, 6A, 6B (DSA 1); Area 11 (DSA 2); Area 12 (DSA 3); and DSAs 4, 5, and 6. The detected site concentrations of each metal will be compared to their respective BTVs to determine if more than 5 percent of the site concentrations exceed the BTVs. If more than 5 percent of the site concentrations for a particular metal exceed the BTV, this indicates the metal could be associated with site-specific contamination rather than background levels.

If a metal is identified as a risk driver based on the results of the risk assessment and 5 percent of its detected concentrations are greater than its respective BTV, additional statistical analyses may be performed to further compare site and background concentrations. Two-sample tests are often used to compare concentrations of two populations, such as site versus background (EPA, 2002; USACE, 2013).

EPA's ProUCL software will be used to run the two-sample tests. The two-sample hypotheses testing approaches in ProUCL are as follows (EPA, 2015) and will be selected for the comparison, as appropriate:

- Student t-test (with equal and unequal variances) – A parametric test that assumes normality
- Wilcoxon-Mann-Whitney test – A Nonparametric test that handles data with non-detects with one detection limit and assumes two populations have comparable shapes and variability
- Gehan test – A nonparametric test that handles data sets with non-detects and multiple detection limits and assumes comparable shapes and variability
- Tarone-Ware test – A nonparametric test that handles data sets with non-detects and multiple detection limits and assumes comparable shapes and variability.

The results of the statistical tests will be used as one line of evidence in determining if the site concentrations of detected metals are attributable to background levels. A qualitative component will also be included in the site-to-background comparisons and will involve identifying whether a particular metal is associated with munitions items and/or historical DoD activities. The results and conclusions of the site-to-background comparisons will be included in the RI Reports for Areas 6, 6A, 6B (DSA 1); Area 11 (DSA 2); Area 12 (DSA 3); and DSAs 4, 5, and 6.

References

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Dames & Moore. 1993. *Archival Search Report Former Raritan Arsenal*. July.

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U.S. Environmental Protection Agency (EPA). 2016. ProUCL, Version 5.1. Prepared by Lockheed Martin Environmental Services. June.

Weston. 2002. Non-DOD Historical Dredging Activities Packet. July.

Tables

Table A-1. Background Data Summary

Areas 6, 6A, 6B, and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

CAS #	Analyte	Minimum Detected Concentration/ Qualifier	Maximum Detected Concentration/ Qualifier	Minimum Nondetect Concentration	Maximum Nondetect Concentration	Location of Maximum Detected Concentration	Frequency of Detection	Arithmetic Mean	Standard Deviation
7429-90-5	Aluminum	5430	25600	--	--	DSA02-SB09-0010	32 / 32	16704	7051
7440-36-0	Antimony	1.42 J	8.79	0.937	6.65	DSA05-SB32-0010	5 / 32	4.494	3.343
7440-38-2	Arsenic	2.24 J	179	--	--	DSA05-SB29-0010	32 / 32	29.51	46.21
7440-39-3	Barium	7.98	187	--	--	DSA05-SB31-0010	32 / 32	43.9	46.68
7440-41-7	Beryllium	0.298 J	1.47 J	1.66	1.66	DSA02-SB11-0010	31 / 32	0.885	0.349
7440-43-9	Cadmium	0.853 J	6.79	0.234	1.66	DSA05-SB29-0010	4 / 32	3.266	2.558
7440-70-2	Calcium	138 J	5890	--	--	DSA05-SB27-0010	32 / 32	1637	1467
7440-47-3	Chromium	11	215	--	--	DSA05-SB31-0010	32 / 32	51.67	53.75
7440-48-4	Cobalt	1.89 J	18.3	--	--	DSA05-SB29-0010	32 / 32	9.6	4.339
7440-50-8	Copper	4.66	634	--	--	DSA05-SB31-0010	32 / 32	73.14	162.1
7439-89-6	Iron	7570	57500	--	--	DSA02-SB10-0010	32 / 32	36133	14118
7439-92-1	Lead	4.18	294	--	--	DSA05-SB32-0010	32 / 32	49.05	90.57
7439-95-4	Magnesium	1600	11000	--	--	DSA05-SB27-0010	32 / 32	5463	2586
7439-96-5	Manganese	53.1	841	--	--	DSA02-SB11-0010	32 / 32	228.1	168.6
7439-97-6	Mercury	0.0212 J	5.72	0.0289	0.15	DSA05-SB31-0010	8 / 32	2.146	2.198
7439-98-7	Molybdenum	0.625 J	12.4	1.17	4.66	DSA03-SB17-0010	25 / 32	3.951	3.176
7440-02-0	Nickel	5.3	55.3	--	--	DSA05-SB29-0010	32 / 32	23.65	12.9
7440-09-7	Potassium	1090	5690	--	--	DSA02-SB13-0010	32 / 32	3159	1519
7782-49-2	Selenium	0.366 J	17.6	0.586	4.15	DSA05-SB31-0010	9 / 32	5.251	5.594
7440-22-4	Silver	1.4 J	10.1	0.234	1.66	DSA05-SB31-0010	5 / 32	6.326	3.165
7440-23-5	Sodium	313 J	35500	--	--	DSA05-SB27-0010	32 / 32	5355	7469
7440-28-0	Thallium	0.411 J	1.25 J	0.469	3.32	DSA05-SB32-0010	9 / 32	0.704	0.286
7440-62-2	Vanadium	14.9	118	--	--	DSA05-SB29-0010	32 / 32	49.45	26.49
7440-66-6	Zinc	18.1	709	--	--	DSA05-SB29-0010	32 / 32	109.2	144.3

Notes:

Units are milligrams per kilogram (mg/kg).

-- chemical was detected in all samples

J = result is estimated

Table A-2. Summary of Outliers Identified from Rosner Test

Areas 6, 6A, 6B, and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Analyte	Outlier Test 1		Outlier Test 2		Outlier Test 3		Outlier Test 4		Outlier Test 5	
	Concentration	Sample ID	Concentration	Sample ID	Concentration	Sample ID	Concentration	Sample ID	Concentration	Sample ID
Antimony	8.79	DSA05-SB32-0010	7.11	DSA05-SB29-0010	NA	NA	NA	NA	NA	NA
Arsenic	179	DSA05-SB29-0010	169	DSA05-SB31-0010	136	DSA05-SB32-0010	72.1	DSA03-SB21-0010	67.6	DSA05-SB30-0010
Barium	187	DSA05-SB31-0010	155	DSA05-SB32-0010	149	DSA05-SB29-0010	132	DSA05-SB30-0010	NA	NA
Cadmium	6.79	DSA05-SB29-0010	3.33	DSA05-SB32-0010	2.09	DSA05-SB31-0010	NA	NA	NA	NA
Calcium	5890	DSA05-SB27-0010	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	215	DSA05-SB31-0010	192	DSA05-SB29-0010	187	DSA05-SB32-0010	145	DSA05-SB30-0010	NA	NA
Copper	634	DSA05-SB31-0010	500	DSA05-SB29-0010	411	DSA05-SB30-0010	396	DSA05-SB32-0010	51.5	DSA03-SB21-0010
Manganese	841	DSA02-SB11-0010	645	DSA02-SB12-0010	NA	NA	NA	NA	NA	NA
Mercury	5.72	DSA05-SB31-0010	4.15	DSA05-SB32-0010	3.33	DSA05-SB30-0010	2.99	DSA05-SB29-0010	0.832	DSA03-SB21-0010
Molybdenum	12.4	DSA03-SB17-0010	10.7	DSA02-SB13-0010	NA	NA	NA	NA	NA	NA
Selenium	17.6	DSA05-SB31-0010	9.78	DSA05-SB29-0010	6.32	DSA05-SB32-0010	5.28	DSA03-SB21-0010	4.51	DSA05-SB30-0010
Silver	10.1	DSA05-SB31-0010	7.56	DSA05-SB29-0010	6.41	DSA05-SB32-0010	6.16	DSA05-SB30-0010	1.4	DSA03-SB21-0010
Sodium	35500	DSA05-SB27-0010	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	709	DSA05-SB29-0010	435	DSA05-SB31-0010	415	DSA05-SB32-0010	186	DSA05-SB30-0010	NA	NA

Notes:

NA = Not applicable

Table A-3. Background Threshold Values*Areas 6, 6A, 6B, and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey*

Analyte	No. Samples	No. Detects	% Detect	Max Detect (mg/kg)	BTV 95/95 UTL ⁽¹⁾ (mg/kg)	Basis
Aluminum	32	32	100%	25600	25325	Nonparametric
Antimony	32	5	16%	8.79	5.401	KM (Normal)
Arsenic	32	32	100%	179	179	Nonparametric
Barium	32	32	100%	187	216.7	Lognormal
Beryllium	32	31	97%	1.47	1.637	KM (Normal)
Cadmium	32	4	13%	6.79	3.402	KM (Normal)
Calcium	32	32	100%	5890	5890	Nonparametric
Chromium	32	32	100%	215	201.3	Lognormal
Cobalt	32	32	100%	18.3	19.09	Normal
Copper	32	32	100%	634	634	Nonparametric
Iron	32	32	100%	57500	66999	Normal
Lead	32	32	100%	294	294	Nonparametric
Magnesium	32	32	100%	11000	11115	Normal
Manganese	32	32	100%	841	596.7	Normal
Mercury	32	8	25%	5.72	3.569	KM (Normal)
Molybdenum	32	25	78%	12.4	11.94	KM (Gamma)
Nickel	32	32	100%	55.3	51.85	Normal
Potassium	32	32	100%	5690	5690	Nonparametric
Selenium	32	9	28%	17.6	9.536	KM (Normal)
Silver	32	5	16%	10.1	6.607	KM (Normal)
Sodium	32	32	100%	35500	25710	Gamma
Thallium	32	9	28%	1.25	1.036	KM (Normal)
Vanadium	32	32	100%	118	119.2	Gamma
Zinc	32	32	100%	709	709	Nonparametric

Notes:

⁽¹⁾ Calculated using EPA's Statistical Software ProUCL 5.1.002 for Environmental Applications for Data Sets with and without Nondetect Observations (June 2016).

BTV = background threshold value

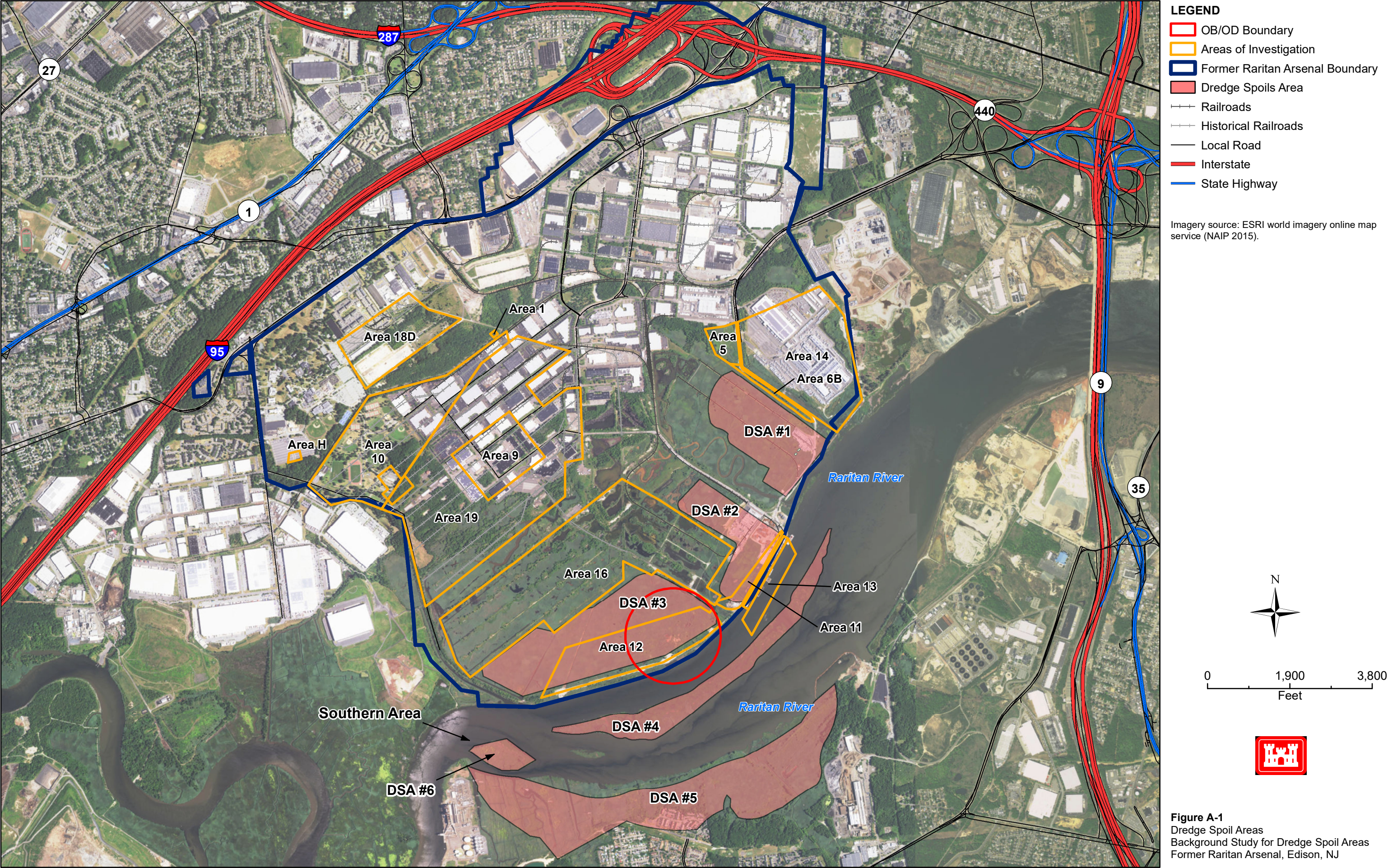
KM = Kaplan-Meier

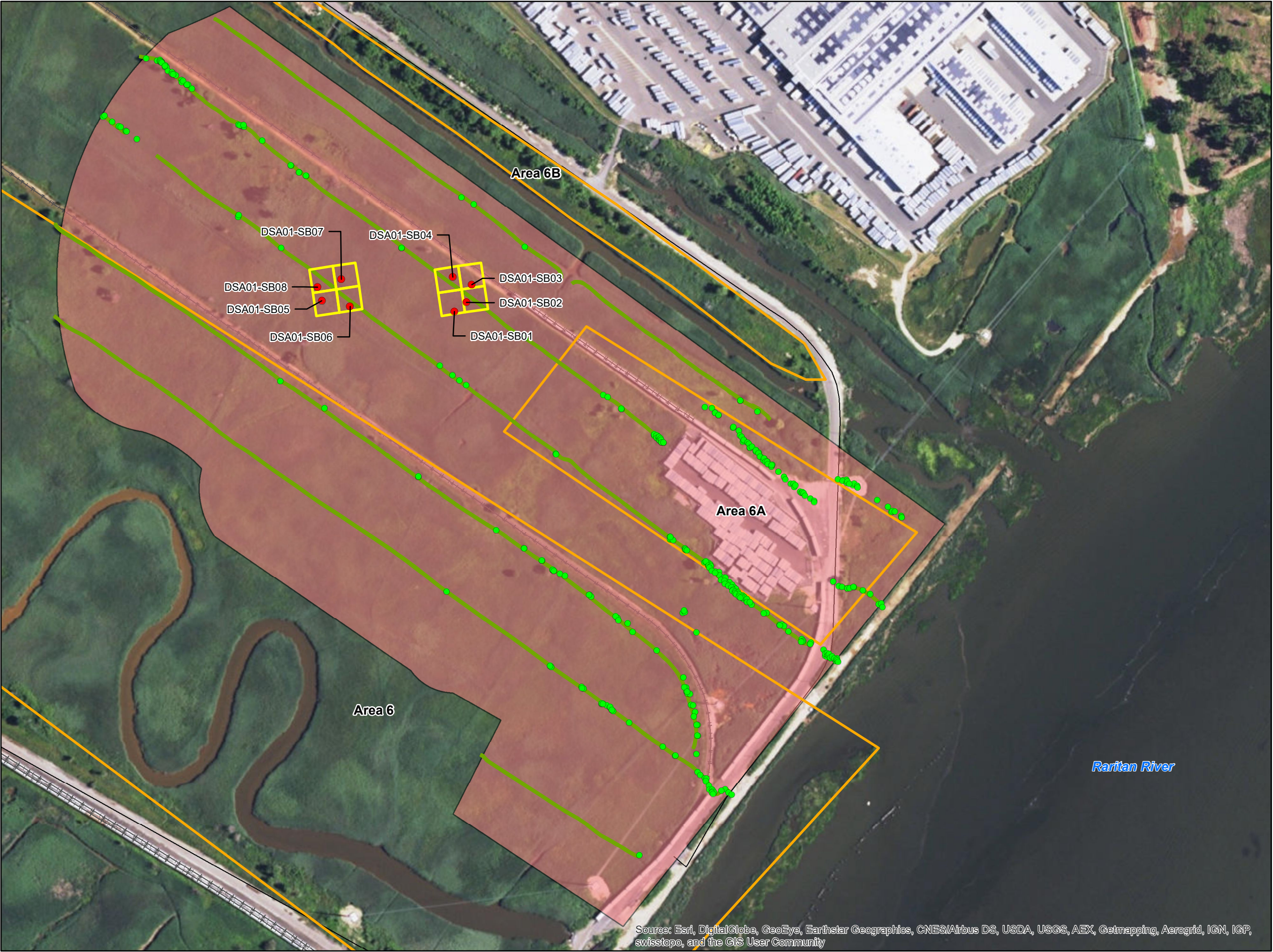
mg/kg = milligrams per kilogram

NA = not available

UTL = upper tolerance limit

Figures





LEGEND

- Subsurface Sample
- DGM Anomalies
- DGM Transects Paths
- Local Road
- Railroads
- Historical Railroads
- Background Sampling Grid
- Areas of Investigation
- Dredge Spoils Area

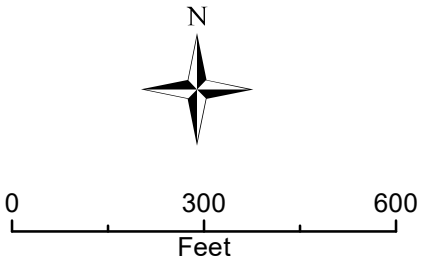
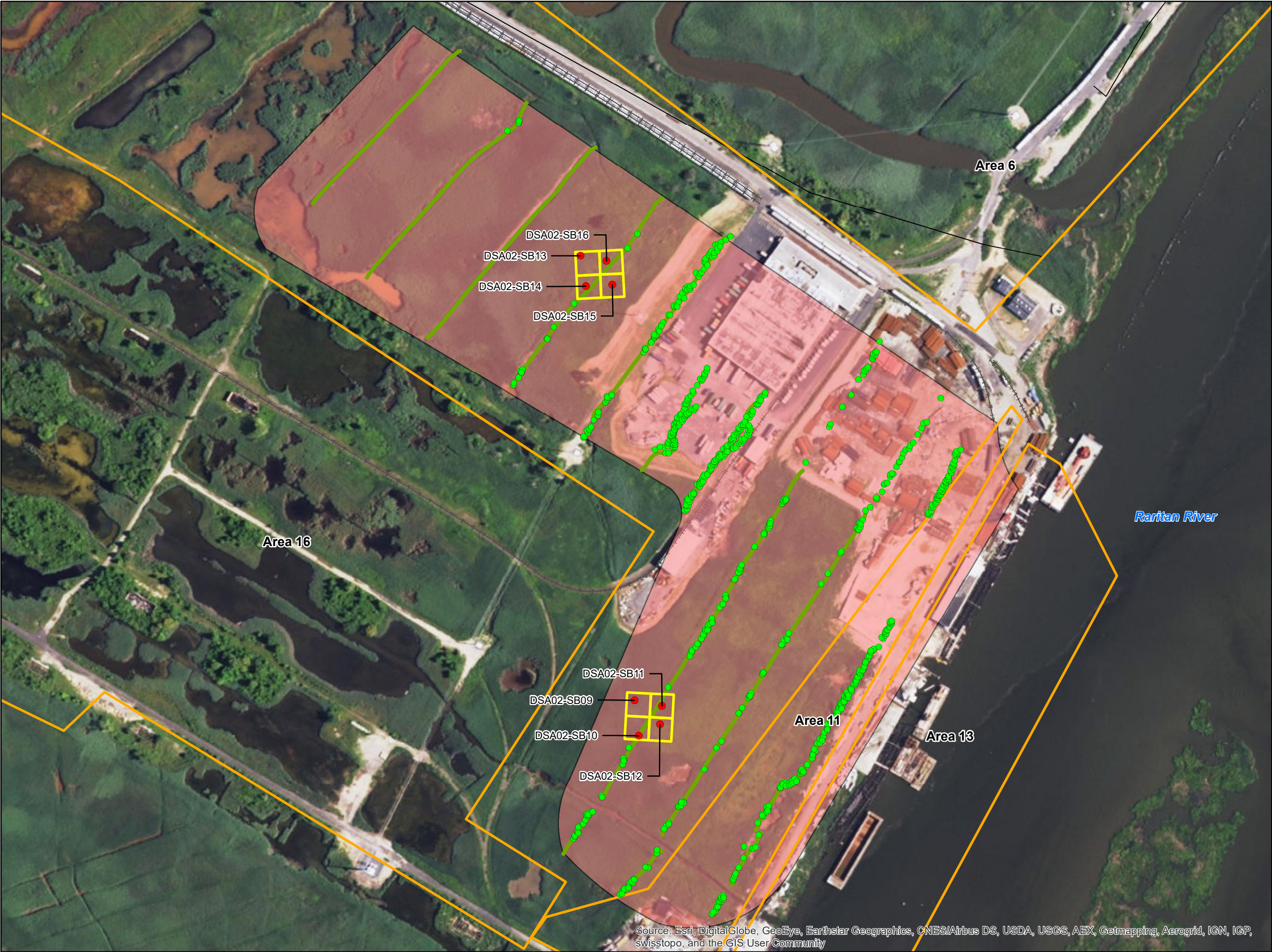


Figure A-2
DSA 1 Background Sampling Locations
Background Study for Dredge Spoil Areas
Former Raritan Arsenal, Edison, NJ



LEGEND

- Subsurface Sample
- DGM Anomalies
- DGM Transect Paths
- Local Road
- Railroads
- Historical Railroads
- Background Sampling Grid
- Areas of Investigation
- Dredge Spoil Area

N

0 300 600

Feet



Figure A-3
DSA 2 Background Sampling Locations
Background Study for Dredge Spoil Areas
Former Raritan Arsenal, Edison, NJ





Attachment A-1

M E M O R A N D U M

CH2MHILL

Data Validation Summary

Raritan

TO: Mike Zamboni/WDC
Anita Dodson/VBO

FROM: Tiffany McGlynn/GNV

CC: Herb Kelly/GNV

DATE: October 21, 2016

Introduction

The following data validation report discusses the data validation process and findings for Empirical Laboratories, for Sample Delivery Group (SDG) 1608229.

Samples were analyzed using the following analytical methods:

- SW6010C Metals
- SW7471B Mercury

The samples included in this SDG are listed in the table below.

Sample Name	Matrix
DSA03-SB17-0010	Soil
DSA03-SB18-0010	Soil
DSA03-SB19-0010	Soil
DSA03-SB20-0010	Soil
DSA03-SB21-0010	Soil
DSA03-SB22-0010	Soil
DSA03-SB23-0010	Soil
DSA03-SB24-0010	Soil
DSA05-SB25-0010	Soil
DSA05-SB26-0010	Soil
DSA05-SB27-0010	Soil
DSA05-SB28-0010	Soil

Data Evaluation

Data was evaluated in accordance with the analytical methods and with the criteria found in the following guidance documents: Uniform Federal Policy- Quality Assurance Project Plan Addendum for the Remedial Investigation/Feasibility Study Military Munitions Response Program Former Raritan Arsenal Edison, New Jersey CTO 003 (August 2016) and National Functional Guidelines for Superfund Organic Methods Data Review (August 2014), as applicable. The samples were evaluated based on the following criteria:

- Data Completeness
- Technical Holding Times
- Instrument Tuning
- Initial/Continuing Calibrations
- Blanks
- Internal Standards
- Laboratory Control Samples
- Matrix Spike Recoveries
- Serial Dilution
- Interference Check Sample
- Identification/Quantitation
- Reporting Limits

Overall Evaluation of Data/Potential Usability Issues

Specific details regarding qualification of the data are addressed in the sections below. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte, the validator has chosen the qualifier that best indicates possible bias in the results and qualified these data accordingly.

Data Completeness

The SDG was received complete and intact.

Technical Holding Times

According to the chain of custody records, sampling was performed on 8/22/16 and 8/23/16. Samples were received at the laboratory on 8/24/16. All sample preparation analysis was performed within holding time requirements.

Calibration

Vanadium exhibited high responses in the continuing calibration. Affected data are summarized in the table below.

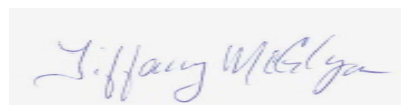
Sample ID	Compound	Q Flag	Qual Code
DSA03-SB17-0010	Vanadium	J+	CCH
DSA03-SB18-0010	Vanadium	J+	CCH
DSA03-SB19-0010	Vanadium	J+	CCH
DSA03-SB20-0010	Vanadium	J+	CCH
DSA03-SB21-0010	Vanadium	J+	CCH
DSA03-SB22-0010	Vanadium	J+	CCH
DSA03-SB23-0010	Vanadium	J+	CCH
DSA03-SB24-0010	Vanadium	J+	CCH
DSA05-SB25-0010	Vanadium	J+	CCH
DSA05-SB26-0010	Vanadium	J+	CCH
DSA05-SB27-0010	Vanadium	J+	CCH
DSA05-SB27-0010	Vanadium	J+	CCH
DSA05-SB28-0010	Vanadium	J+	CCH

Conclusion

These data can be used in the project decision-making process as qualified by the data quality evaluation process.

Please do not hesitate to contact us about this validation report.

Sincerely,

A handwritten signature in blue ink, reading "Tiffany McGlynn", is displayed within a light gray rectangular box.

Tiffany McGlynn

Qualification Flags

Exclude	More appropriate data exist for this analyte.
R	Data were rejected for use.
UL	Analyte not detected, quantitation limit is potentially biased low.
UJ	Analyte not detected, estimated quantitation limit.
U	Analyte not detected.
B	Not detected substantially above the level reported in laboratory or field blanks.
L	Analyte present, estimated value potentially biased low.
K	Analyte present, estimated value potentially biased high.
N	Analyte identification presumptive; no second column analysis performed or GC/MS tentative identification.
J	Analyte present, estimated value.
NJ	Analysis indicates the presence of an analyte that was "tentatively identified" and the associated value represents its approximate concentration.
None	Placeholder for calculating quality control issues that do not require flagging.
=	Analyte was detected at a concentration greater than the quantitation limit.

Qualifier Code Reference

Value	Description
%SOL	High Moisture content
2C	Second Column – Poor Dual Column Reproducibility
2S	Second Source – Bad reproducibility between tandem detectors
BD	Blank Spike/Blank Spike Duplicate(LCS/LCSD) Precision
BRL	Below Reporting Limit
BSH	Blank Spike/LCS – High Recovery
BSL	Blank Spike/LCS – Low Recovery
CC	Continuing Calibration
CCBL	Continuing Calibration Blank Contamination
CCH	Continuing Calibration Verification – High Recovery
CCL	Continuing Calibration Verification – Low Recovery
DL	Redundant Result – due to Dilution
EBL	Equipment Blank Contamination
EMPC	Estimated Possible Maximum Concentration
ESH	Extraction Standard - High Recovery
ESL	Extraction Standard - Low Recovery
FBL	Field Blank Contamination
FD	Field Duplicate
HT	Holding Time
ICB	Initial Calibration – Bad Linearity or Curve Function
ICH	Initial Calibration – High Relative Response Factors
ICL	Initial Calibration – Low Relative Response Factors
IR15	Ion ratio exceeds +/- 15% difference
ISH	Internal Standard – High Recovery
ISL	Internal Standard – Low Recovery
LD	Lab Duplicate Reproducibility
LR	Concentration Exceeds Linear Range
MBL	Method Blank Contamination
MDP	Matrix Spike/Matrix Spike Duplicate Precision
MI	Matrix interference obscuring the raw data

MSH	Matrix Spike and/or Matrix Spike Duplicate – High Recovery
MSL	Matrix Spike and/or Matrix Spike Duplicate – Low Recovery
OT	Other
PD	Pesticide Degradation
RE	Redundant Result - due to Reanalysis or Re-extraction
SD	Serial Dilution Reproducibility
SSH	Spiked Surrogate – High Recovery
SSL	Spiked Surrogate – Low Recovery
TBL	Trip Blank Contamination
TN	Tune

M E M O R A N D U M

CH2MHILL

Data Validation Summary

Raritan

TO: Mike Zamboni/WDC
Anita Dodson/VBO

FROM: Tiffany McGlynn/GNV

CC: Herb Kelly/GNV

DATE: October 21, 2016

Introduction

The following data validation report discusses the data validation process and findings for Empirical Laboratories, for Sample Delivery Group (SDG) 1608251.

Samples were analyzed using the following analytical methods:

- SW6010C Metals
- SW7471B Mercury

The samples included in this SDG are listed in the table below.

Sample Name	Matrix
DSA01-SB01-0010	Soil
DSA01-SB02-0010	Soil
DSA01-SB03-0010	Soil
DSA01-SB04-0010	Soil
DSA01-SB05-0010	Soil
DSA01-SB06-0010	Soil
DSA01-SB07-0010	Soil
DSA01-SB08-0010	Soil
DSA02-SB09-0010	Soil
DSA02-SB10-0010	Soil
DSA02-SB11-0010	Soil
DSA02-SB12-0010	Soil
DSA02-SB13-0010	Soil
DSA02-SB14-0010	Soil
DSA02-SB15-0010	Soil

Sample Name	Matrix
DSA02-SB16-0010	Soil
DSA05-SB29-0010	Soil
DSA05-SB30-0010	Soil
DSA05-SB31-0010	Soil
DSA05-SB32-0010	Soil

Data Evaluation

Data was evaluated in accordance with the analytical methods and with the criteria found in the following guidance documents: Uniform Federal Policy- Quality Assurance Project Plan Addendum for the Remedial Investigation/Feasibility Study Military Munitions Response Program Former Raritan Arsenal Edison, New Jersey CTO 003 (August 2016) and National Functional Guidelines for Superfund Organic Methods Data Review (August 2014), as applicable. The samples were evaluated based on the following criteria:

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- Technical Holding Times
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- Blanks
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- Reporting Limits

Overall Evaluation of Data/Potential Usability Issues

Specific details regarding qualification of the data are addressed in the sections below. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte, the validator has chosen the qualifier that best indicates possible bias in the results and qualified these data accordingly.

Data Completeness

The SDG was received complete and intact.

Technical Holding Times

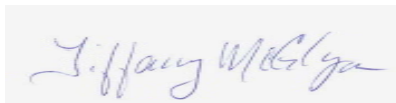
According to the chain of custody records, sampling was performed on 8/24/16 and 8/25/16. Samples were received at the laboratory on 8/26/16. All sample preparation analysis was performed within holding time requirements.

Conclusion

These data can be used in the project decision-making process as qualified by the data quality evaluation process.

Please do not hesitate to contact us about this validation report.

Sincerely,

A handwritten signature in blue ink that reads "Tiffany McGlynn". The signature is written in a cursive, flowing style.

Tiffany McGlynn

Qualification Flags

Exclude	More appropriate data exist for this analyte.
R	Data were rejected for use.
UL	Analyte not detected, quantitation limit is potentially biased low.
UJ	Analyte not detected, estimated quantitation limit.
U	Analyte not detected.
B	Not detected substantially above the level reported in laboratory or field blanks.
L	Analyte present, estimated value potentially biased low.
K	Analyte present, estimated value potentially biased high.
N	Analyte identification presumptive; no second column analysis performed or GC/MS tentative identification.
J	Analyte present, estimated value.
NJ	Analysis indicates the presence of an analyte that was "tentatively identified" and the associated value represents its approximate concentration.
None	Placeholder for calculating quality control issues that do not require flagging.
=	Analyte was detected at a concentration greater than the quantitation limit.

Qualifier Code Reference

Value	Description
%SOL	High Moisture content
2C	Second Column – Poor Dual Column Reproducibility
2S	Second Source – Bad reproducibility between tandem detectors
BD	Blank Spike/Blank Spike Duplicate(LCS/LCSD) Precision
BRL	Below Reporting Limit
BSH	Blank Spike/LCS – High Recovery
BSL	Blank Spike/LCS – Low Recovery
CC	Continuing Calibration
CCBL	Continuing Calibration Blank Contamination
CCH	Continuing Calibration Verification – High Recovery
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EMPC	Estimated Possible Maximum Concentration
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ESL	Extraction Standard - Low Recovery
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FD	Field Duplicate
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ICB	Initial Calibration – Bad Linearity or Curve Function
ICH	Initial Calibration – High Relative Response Factors
ICL	Initial Calibration – Low Relative Response Factors
IR15	Ion ratio exceeds +/- 15% difference
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LD	Lab Duplicate Reproducibility
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MI	Matrix interference obscuring the raw data

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PD	Pesticide Degradation
RE	Redundant Result - due to Reanalysis or Re-extraction
SD	Serial Dilution Reproducibility
SSH	Spiked Surrogate – High Recovery
SSL	Spiked Surrogate – Low Recovery
TBL	Trip Blank Contamination
TN	Tune

Attachment A-2

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	13900		mg/kg	5.94	11.9
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.951	U	mg/kg	0.594	0.951
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	5.61		mg/kg	0.356	0.713
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Barium	7440-39-3	15.2		mg/kg	0.594	1.19
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.69		mg/kg	0.119	0.238
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.238	U	mg/kg	0.119	0.238
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	424	J	mg/kg	119	238
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	22.9		mg/kg	0.238	0.475
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	8.38		mg/kg	0.594	1.19
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Copper	7440-50-8	14.7		mg/kg	0.475	0.951
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Iron	7439-89-6	21900		mg/kg	3.56	7.13
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Lead	7439-92-1	9.92		mg/kg	0.178	0.356
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	3550		mg/kg	119	356
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	117		mg/kg	0.356	0.713
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	0.625	J	mg/kg	0.594	1.19
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	15.7		mg/kg	0.356	0.713
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1860		mg/kg	119	356
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.594	U	mg/kg	0.356	0.594
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.238	U	mg/kg	0.119	0.238
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	1080		mg/kg	119	356
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.475	U	mg/kg	0.356	0.475
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	34.6		mg/kg	0.594	1.19
SO	DSA01-SB01-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	42		mg/kg	0.594	1.19
SO	DSA01-SB01-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0307	U	mg/kg	0.0148	0.0307
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	8880		mg/kg	5.90	11.8
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.944	U	mg/kg	0.590	0.944
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	6.22		mg/kg	0.354	0.708
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Barium	7440-39-3	10.7		mg/kg	0.590	1.18
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.516	J	mg/kg	0.118	0.236
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.236	U	mg/kg	0.118	0.236
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	304	J	mg/kg	118	236
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	18		mg/kg	0.236	0.472
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	6.6		mg/kg	0.590	1.18
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Copper	7440-50-8	9.57		mg/kg	0.472	0.944
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Iron	7439-89-6	20200		mg/kg	3.54	7.08
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Lead	7439-92-1	8.39		mg/kg	0.177	0.354
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	3030		mg/kg	118	354
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	71.4		mg/kg	0.354	0.708

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.18	U	mg/kg	0.590	1.18
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	12.8		mg/kg	0.354	0.708
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1740		mg/kg	118	354
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.59	U	mg/kg	0.354	0.590
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.236	U	mg/kg	0.118	0.236
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	975		mg/kg	118	354
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.472	U	mg/kg	0.354	0.472
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	27.2		mg/kg	0.590	1.18
SO	DSA01-SB02-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	39		mg/kg	0.590	1.18
SO	DSA01-SB02-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0325	U	mg/kg	0.0156	0.0325
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	11700		mg/kg	5.88	11.8
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.941	U	mg/kg	0.588	0.941
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	4.55		mg/kg	0.353	0.706
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Barium	7440-39-3	11.1		mg/kg	0.588	1.18
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.576	J	mg/kg	0.118	0.235
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.235	U	mg/kg	0.118	0.235
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	319	J	mg/kg	118	235
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	19.2		mg/kg	0.235	0.470
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	8.46		mg/kg	0.588	1.18
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Copper	7440-50-8	13.6		mg/kg	0.470	0.941
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Iron	7439-89-6	24200		mg/kg	3.53	7.06
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Lead	7439-92-1	8.89		mg/kg	0.176	0.353
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	3890		mg/kg	118	353
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	94.1		mg/kg	0.353	0.706
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	0.686	J	mg/kg	0.588	1.18
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	15.4		mg/kg	0.353	0.706
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1660		mg/kg	118	353
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.401	J	mg/kg	0.353	0.588
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.235	U	mg/kg	0.118	0.235
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	767		mg/kg	118	353
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.47	U	mg/kg	0.353	0.470
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	29.8		mg/kg	0.588	1.18
SO	DSA01-SB03-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	48.2		mg/kg	0.588	1.18
SO	DSA01-SB03-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0304	U	mg/kg	0.0146	0.0304
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	8670		mg/kg	5.86	11.7
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.937	U	mg/kg	0.586	0.937
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	6.11		mg/kg	0.351	0.703
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Barium	7440-39-3	7.98		mg/kg	0.586	1.17

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.473	J	mg/kg	0.117	0.234
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.234	U	mg/kg	0.117	0.234
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	266	J	mg/kg	117	234
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	13.8		mg/kg	0.234	0.469
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	7.69		mg/kg	0.586	1.17
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Copper	7440-50-8	8.64		mg/kg	0.469	0.937
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Iron	7439-89-6	16900		mg/kg	3.51	7.03
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Lead	7439-92-1	6.4		mg/kg	0.176	0.351
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	2070		mg/kg	117	351
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	83.2		mg/kg	0.351	0.703
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.17	U	mg/kg	0.586	1.17
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	10.5		mg/kg	0.351	0.703
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1490		mg/kg	117	351
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.366	J	mg/kg	0.351	0.586
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.234	U	mg/kg	0.117	0.234
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	536	J	mg/kg	117	351
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.469	U	mg/kg	0.351	0.469
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	19.4		mg/kg	0.586	1.17
SO	DSA01-SB04-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	32.6		mg/kg	0.586	1.17
SO	DSA01-SB04-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0304	U	mg/kg	0.0146	0.0304
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	10000		mg/kg	5.89	11.8
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.943	U	mg/kg	0.589	0.943
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	4.31		mg/kg	0.354	0.707
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Barium	7440-39-3	12.2		mg/kg	0.589	1.18
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.511	J	mg/kg	0.118	0.236
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.236	U	mg/kg	0.118	0.236
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	268	J	mg/kg	118	236
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	17.5		mg/kg	0.236	0.471
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	6.72		mg/kg	0.589	1.18
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Copper	7440-50-8	12.3		mg/kg	0.471	0.943
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Iron	7439-89-6	18500		mg/kg	3.54	7.07
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Lead	7439-92-1	8.17		mg/kg	0.177	0.354
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	3190		mg/kg	118	354
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	78.1		mg/kg	0.354	0.707
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.18	U	mg/kg	0.589	1.18
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	13.6		mg/kg	0.354	0.707
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1730		mg/kg	118	354
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.589	U	mg/kg	0.354	0.589

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.236	U	mg/kg	0.118	0.236
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	860		mg/kg	118	354
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.471	U	mg/kg	0.354	0.471
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	26		mg/kg	0.589	1.18
SO	DSA01-SB05-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	40		mg/kg	0.589	1.18
SO	DSA01-SB05-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0298	U	mg/kg	0.0144	0.0298
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	5620		mg/kg	6.03	12.1
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.965	U	mg/kg	0.603	0.965
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	4.88		mg/kg	0.362	0.723
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Barium	7440-39-3	8.02		mg/kg	0.603	1.21
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.327	J	mg/kg	0.121	0.241
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.241	U	mg/kg	0.121	0.241
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	184	J	mg/kg	121	241
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	11		mg/kg	0.241	0.482
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	6.89		mg/kg	0.603	1.21
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Copper	7440-50-8	5.95		mg/kg	0.482	0.965
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Iron	7439-89-6	15700		mg/kg	3.62	7.23
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Lead	7439-92-1	4.76		mg/kg	0.181	0.362
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	1600		mg/kg	121	362
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	60.8		mg/kg	0.362	0.723
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.21	U	mg/kg	0.603	1.21
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	7.63		mg/kg	0.362	0.723
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1090		mg/kg	121	362
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.603	U	mg/kg	0.362	0.603
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.241	U	mg/kg	0.121	0.241
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	313	J	mg/kg	121	362
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.482	U	mg/kg	0.362	0.482
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	14.9		mg/kg	0.603	1.21
SO	DSA01-SB06-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	22.9		mg/kg	0.603	1.21
SO	DSA01-SB06-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0332	U	mg/kg	0.0160	0.0332
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	9190		mg/kg	5.86	11.7
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.938	U	mg/kg	0.586	0.938
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	2.73		mg/kg	0.352	0.703
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Barium	7440-39-3	9.67		mg/kg	0.586	1.17
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.528	J	mg/kg	0.117	0.234
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.234	U	mg/kg	0.117	0.234
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	351	J	mg/kg	117	234
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	19		mg/kg	0.234	0.469

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	4.81		mg/kg	0.586	1.17
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Copper	7440-50-8	10.2		mg/kg	0.469	0.938
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Iron	7439-89-6	16700		mg/kg	3.52	7.03
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Lead	7439-92-1	7.09		mg/kg	0.176	0.352
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	2740		mg/kg	117	352
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	111		mg/kg	0.352	0.703
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.17	U	mg/kg	0.586	1.17
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	12.2		mg/kg	0.352	0.703
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1660		mg/kg	117	352
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.586	U	mg/kg	0.352	0.586
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.234	U	mg/kg	0.117	0.234
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	471	J	mg/kg	117	352
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.469	U	mg/kg	0.352	0.469
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	30.1		mg/kg	0.586	1.17
SO	DSA01-SB07-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	34.8		mg/kg	0.586	1.17
SO	DSA01-SB07-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0323	U	mg/kg	0.0155	0.0323
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	13700		mg/kg	14.4	28.8
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	2.31	U	mg/kg	1.44	2.31
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	6.63		mg/kg	0.865	1.73
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Barium	7440-39-3	18		mg/kg	1.44	2.88
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.926	J	mg/kg	0.288	0.577
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.577	U	mg/kg	0.288	0.577
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	476	J	mg/kg	288	577
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	23.2		mg/kg	0.577	1.15
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	9.53		mg/kg	1.44	2.88
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Copper	7440-50-8	11.8		mg/kg	1.15	2.31
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Iron	7439-89-6	25800		mg/kg	8.65	17.3
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Lead	7439-92-1	11.1		mg/kg	0.433	0.865
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	4690		mg/kg	288	865
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	142		mg/kg	0.865	1.73
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	2.88	U	mg/kg	1.44	2.88
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	17.7		mg/kg	0.865	1.73
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	2730		mg/kg	288	865
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	1.44	U	mg/kg	0.865	1.44
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.577	U	mg/kg	0.288	0.577
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	1260	J	mg/kg	288	865
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.15	U	mg/kg	0.865	1.15
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	30.5		mg/kg	1.44	2.88

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA01-SB08-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	50.7		mg/kg	1.44	2.88
SO	DSA01-SB08-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.029	U	mg/kg	0.0140	0.0290
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	25600		mg/kg	23.3	46.6
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	3.73	U	mg/kg	2.33	3.73
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	13.2		mg/kg	1.40	2.80
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Barium	7440-39-3	45.1		mg/kg	2.33	4.66
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.37	J	mg/kg	0.466	0.932
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.932	U	mg/kg	0.466	0.932
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2140	J	mg/kg	466	932
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	47.5		mg/kg	0.932	1.86
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	15.7		mg/kg	2.33	4.66
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Copper	7440-50-8	17.8		mg/kg	1.86	3.73
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Iron	7439-89-6	42700		mg/kg	14.0	28.0
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Lead	7439-92-1	18		mg/kg	0.699	1.40
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	8790		mg/kg	466	1400
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	291		mg/kg	1.40	2.80
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	4.66	U	mg/kg	2.33	4.66
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	35.9		mg/kg	1.40	2.80
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	5280		mg/kg	466	1400
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	2.33	U	mg/kg	1.40	2.33
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.932	U	mg/kg	0.466	0.932
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	3260		mg/kg	466	1400
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.86	U	mg/kg	1.40	1.86
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	58		mg/kg	2.33	4.66
SO	DSA02-SB09-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	111		mg/kg	2.33	4.66
SO	DSA02-SB09-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0315	J	mg/kg	0.0236	0.0490
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	25100		mg/kg	23.2	46.5
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	3.72	U	mg/kg	2.32	3.72
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	26.5		mg/kg	1.39	2.79
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Barium	7440-39-3	41.8		mg/kg	2.32	4.65
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.2	J	mg/kg	0.465	0.930
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.93	U	mg/kg	0.465	0.930
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	1780	J	mg/kg	465	930
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	43.5		mg/kg	0.930	1.86
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	14.7		mg/kg	2.32	4.65
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Copper	7440-50-8	13.3		mg/kg	1.86	3.72
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Iron	7439-89-6	57500		mg/kg	13.9	27.9
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Lead	7439-92-1	16		mg/kg	0.697	1.39

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	7160		mg/kg	465	1390
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	314		mg/kg	1.39	2.79
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	6.91	J	mg/kg	2.32	4.65
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	32.7		mg/kg	1.39	2.79
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	5020		mg/kg	465	1390
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	2.32	U	mg/kg	1.39	2.32
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.93	U	mg/kg	0.465	0.930
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	2840		mg/kg	465	1390
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.86	U	mg/kg	1.39	1.86
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	52.1		mg/kg	2.32	4.65
SO	DSA02-SB10-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	96		mg/kg	2.32	4.65
SO	DSA02-SB10-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0468	U	mg/kg	0.0225	0.0468
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	24500		mg/kg	26.1	52.2
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	4.17	U	mg/kg	2.61	4.17
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	19.2		mg/kg	1.57	3.13
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Barium	7440-39-3	41.5		mg/kg	2.61	5.22
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.47	J	mg/kg	0.522	1.04
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	1.04	U	mg/kg	0.522	1.04
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2270	J	mg/kg	522	1040
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	45.4		mg/kg	1.04	2.09
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	17.8		mg/kg	2.61	5.22
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Copper	7440-50-8	16.8		mg/kg	2.09	4.17
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Iron	7439-89-6	55800		mg/kg	15.7	31.3
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Lead	7439-92-1	17		mg/kg	0.783	1.57
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	8170		mg/kg	522	1570
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	841		mg/kg	1.57	3.13
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	6.65	J	mg/kg	2.61	5.22
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	33.8		mg/kg	1.57	3.13
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	5010		mg/kg	522	1570
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	2.61	U	mg/kg	1.57	2.61
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Silver	7440-22-4	1.04	U	mg/kg	0.522	1.04
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	3070		mg/kg	522	1570
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	2.09	U	mg/kg	1.57	2.09
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	56.2		mg/kg	2.61	5.22
SO	DSA02-SB11-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	102		mg/kg	2.61	5.22
SO	DSA02-SB11-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.051	U	mg/kg	0.0245	0.0510
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	23100		mg/kg	22.3	44.5
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	3.56	U	mg/kg	2.23	3.56

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	16.5		mg/kg	1.34	2.67
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Barium	7440-39-3	39		mg/kg	2.23	4.45
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.23	J	mg/kg	0.445	0.891
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.891	U	mg/kg	0.445	0.891
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2040	J	mg/kg	445	891
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	43.9		mg/kg	0.891	1.78
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	13.2		mg/kg	2.23	4.45
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Copper	7440-50-8	16.4		mg/kg	1.78	3.56
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Iron	7439-89-6	48600		mg/kg	13.4	26.7
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Lead	7439-92-1	16.6		mg/kg	0.668	1.34
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	7390		mg/kg	445	1340
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	645		mg/kg	1.34	2.67
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	3.02	J	mg/kg	2.23	4.45
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	31		mg/kg	1.34	2.67
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	4620		mg/kg	445	1340
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	2.23	U	mg/kg	1.34	2.23
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.891	U	mg/kg	0.445	0.891
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	2840		mg/kg	445	1340
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.78	U	mg/kg	1.34	1.78
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	53.4		mg/kg	2.23	4.45
SO	DSA02-SB12-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	95		mg/kg	2.23	4.45
SO	DSA02-SB12-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0212	J	mg/kg	0.0202	0.0419
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	24600		mg/kg	32.7	65.5
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	5.24	U	mg/kg	3.27	5.24
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	18.1		mg/kg	1.96	3.93
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Barium	7440-39-3	45.4		mg/kg	3.27	6.55
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.25	J	mg/kg	0.655	1.31
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	1.31	U	mg/kg	0.655	1.31
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	3880		mg/kg	655	1310
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	45.1		mg/kg	1.31	2.62
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	8.87		mg/kg	3.27	6.55
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Copper	7440-50-8	9.34		mg/kg	2.62	5.24
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Iron	7439-89-6	34800		mg/kg	19.6	39.3
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Lead	7439-92-1	11.7		mg/kg	0.982	1.96
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	7930		mg/kg	655	1960
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	359		mg/kg	1.96	3.93
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	10.7	J	mg/kg	3.27	6.55
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	29.3		mg/kg	1.96	3.93

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	5690		mg/kg	655	1960
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	3.27	U	mg/kg	1.96	3.27
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Silver	7440-22-4	1.31	U	mg/kg	0.655	1.31
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	12300		mg/kg	655	1960
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	2.62	U	mg/kg	1.96	2.62
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	58.9		mg/kg	3.27	6.55
SO	DSA02-SB13-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	82.2		mg/kg	3.27	6.55
SO	DSA02-SB13-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0718	U	mg/kg	0.0346	0.0718
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	22400		mg/kg	37.1	74.2
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	5.94	U	mg/kg	3.71	5.94
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	13.8		mg/kg	2.23	4.45
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Barium	7440-39-3	42		mg/kg	3.71	7.42
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.13	J	mg/kg	0.742	1.48
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	1.48	U	mg/kg	0.742	1.48
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	3470	J	mg/kg	742	1480
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	40.7		mg/kg	1.48	2.97
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	8.98	J	mg/kg	3.71	7.42
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Copper	7440-50-8	11.8		mg/kg	2.97	5.94
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Iron	7439-89-6	43200		mg/kg	22.3	44.5
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Lead	7439-92-1	14.9		mg/kg	1.11	2.23
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	7270		mg/kg	742	2230
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	240		mg/kg	2.23	4.45
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	6.27	J	mg/kg	3.71	7.42
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	27.3		mg/kg	2.23	4.45
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	5040		mg/kg	742	2230
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	3.71	U	mg/kg	2.23	3.71
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Silver	7440-22-4	1.48	U	mg/kg	0.742	1.48
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	12600		mg/kg	742	2230
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	2.97	U	mg/kg	2.23	2.97
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	58.6		mg/kg	3.71	7.42
SO	DSA02-SB14-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	83.5		mg/kg	3.71	7.42
SO	DSA02-SB14-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0707	U	mg/kg	0.0340	0.0707
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	23600		mg/kg	41.5	83.1
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	6.65	U	mg/kg	4.15	6.65
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	7.2	J	mg/kg	2.49	4.99
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Barium	7440-39-3	46.3		mg/kg	4.15	8.31
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.66	U	mg/kg	0.831	1.66
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	1.66	U	mg/kg	0.831	1.66

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	4130	J	mg/kg	831	1660
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	44.1		mg/kg	1.66	3.32
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	6.97	J	mg/kg	4.15	8.31
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Copper	7440-50-8	12.3		mg/kg	3.32	6.65
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Iron	7439-89-6	30100		mg/kg	24.9	49.9
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Lead	7439-92-1	14.1		mg/kg	1.25	2.49
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	7780		mg/kg	831	2490
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	373		mg/kg	2.49	4.99
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	6.73	J	mg/kg	4.15	8.31
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	22.8		mg/kg	2.49	4.99
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	5360		mg/kg	831	2490
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	4.15	U	mg/kg	2.49	4.15
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Silver	7440-22-4	1.66	U	mg/kg	0.831	1.66
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	15300		mg/kg	831	2490
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	3.32	U	mg/kg	2.49	3.32
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	54.5		mg/kg	4.15	8.31
SO	DSA02-SB15-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	60.5		mg/kg	4.15	8.31
SO	DSA02-SB15-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0777	U	mg/kg	0.0374	0.0777
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	24200		mg/kg	28.8	57.6
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	4.6	U	mg/kg	2.88	4.60
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	12.9		mg/kg	1.73	3.45
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Barium	7440-39-3	37		mg/kg	2.88	5.76
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.15	J	mg/kg	0.576	1.15
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	1.15	U	mg/kg	0.576	1.15
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2610	J	mg/kg	576	1150
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	36.8		mg/kg	1.15	2.30
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	12		mg/kg	2.88	5.76
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Copper	7440-50-8	12.8		mg/kg	2.30	4.60
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Iron	7439-89-6	42600		mg/kg	17.3	34.5
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Lead	7439-92-1	16.9		mg/kg	0.863	1.73
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	7470		mg/kg	576	1730
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	333		mg/kg	1.73	3.45
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	5.34	J	mg/kg	2.88	5.76
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	36.4		mg/kg	1.73	3.45
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	4930		mg/kg	576	1730
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	1.78	J	mg/kg	1.73	2.88
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Silver	7440-22-4	1.15	U	mg/kg	0.576	1.15
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	12700		mg/kg	576	1730

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	2.3	U	mg/kg	1.73	2.30
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	44		mg/kg	2.88	5.76
SO	DSA02-SB16-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	97		mg/kg	2.88	5.76
SO	DSA02-SB16-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0605	U	mg/kg	0.0291	0.0605
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	15700		mg/kg	13.2	26.5
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	2.12	U	mg/kg	1.32	2.12
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	16.9		mg/kg	0.794	1.59
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Barium	7440-39-3	24.7		mg/kg	1.32	2.65
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.989	J	mg/kg	0.265	0.529
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.529	U	mg/kg	0.265	0.529
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	601	J	mg/kg	265	529
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	28.7		mg/kg	0.529	1.06
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	15.6		mg/kg	1.32	2.65
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Copper	7440-50-8	8.21		mg/kg	1.06	2.12
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Iron	7439-89-6	46200		mg/kg	7.94	15.9
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Lead	7439-92-1	8.83		mg/kg	0.397	0.794
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	3470		mg/kg	265	794
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	173		mg/kg	0.794	1.59
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	12.4		mg/kg	1.32	2.65
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	26.1		mg/kg	0.794	1.59
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	2480		mg/kg	265	794
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	1.32	U	mg/kg	0.794	1.32
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.529	U	mg/kg	0.529	0.529
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	2410		mg/kg	265	794
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.06	U	mg/kg	0.794	1.06
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	46	J+	mg/kg	1.32	2.65
SO	DSA03-SB17-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	64.6		mg/kg	1.32	2.65
SO	DSA03-SB17-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0733	U	mg/kg	0.0353	0.0733
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	7670		mg/kg	6.45	12.9
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	1.03	U	mg/kg	0.645	1.03
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	8.95		mg/kg	0.387	0.774
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Barium	7440-39-3	8.04		mg/kg	0.645	1.29
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.467	J	mg/kg	0.129	0.258
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.258	U	mg/kg	0.129	0.258
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	151	J	mg/kg	129	258
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	21		mg/kg	0.258	0.516
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	4.95		mg/kg	0.645	1.29
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Copper	7440-50-8	8		mg/kg	0.516	1.03

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Iron	7439-89-6	20500		mg/kg	3.87	7.74
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Lead	7439-92-1	4.7		mg/kg	0.193	0.387
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	2720		mg/kg	129	387
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	67.9		mg/kg	0.387	0.774
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	0.792	J	mg/kg	0.645	1.29
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	11.3		mg/kg	0.387	0.774
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1570		mg/kg	129	387
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.645	U	mg/kg	0.387	0.645
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.258	U	mg/kg	0.129	0.258
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	325	J	mg/kg	129	387
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.496	J	mg/kg	0.387	0.516
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	30.9	J+	mg/kg	0.645	1.29
SO	DSA03-SB18-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	40.4		mg/kg	0.645	1.29
SO	DSA03-SB18-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0303	U	mg/kg	0.0146	0.0303
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	7980		mg/kg	6.24	12.5
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.999	U	mg/kg	0.624	0.999
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	7.09		mg/kg	0.375	0.749
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Barium	7440-39-3	11.3		mg/kg	0.624	1.25
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.591	J	mg/kg	0.125	0.250
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.25	U	mg/kg	0.250	0.250
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	138	J	mg/kg	125	250
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	17.2		mg/kg	0.250	0.499
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	3.75		mg/kg	0.624	1.25
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Copper	7440-50-8	5.93		mg/kg	0.499	0.999
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Iron	7439-89-6	28500		mg/kg	3.75	7.49
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Lead	7439-92-1	5.93		mg/kg	0.187	0.375
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	1680		mg/kg	125	375
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	241		mg/kg	0.375	0.749
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	0.807	J	mg/kg	0.624	1.25
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	8.18		mg/kg	0.375	0.749
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1130		mg/kg	125	375
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.624	U	mg/kg	0.375	0.624
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.25	U	mg/kg	0.125	0.250
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	402	J	mg/kg	125	375
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.445	J	mg/kg	0.375	0.499
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	24.5	J+	mg/kg	0.624	1.25
SO	DSA03-SB19-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	35.1		mg/kg	0.624	1.25
SO	DSA03-SB19-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0289	U	mg/kg	0.0139	0.0289

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	11400		mg/kg	7.43	14.9
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	1.19	U	mg/kg	0.743	1.19
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	10.8		mg/kg	0.446	0.892
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Barium	7440-39-3	12		mg/kg	0.743	1.49
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.06		mg/kg	0.149	0.297
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.297	U	mg/kg	0.297	0.297
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	237	J	mg/kg	149	297
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	56.6		mg/kg	0.297	0.594
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	7.43		mg/kg	0.743	1.49
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Copper	7440-50-8	11.4		mg/kg	0.594	1.19
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Iron	7439-89-6	49600		mg/kg	4.46	8.92
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Lead	7439-92-1	8.28		mg/kg	0.223	0.446
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	3630		mg/kg	149	446
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	190		mg/kg	0.446	0.892
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.36	J	mg/kg	0.743	1.49
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	17		mg/kg	0.446	0.892
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1700		mg/kg	149	446
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.743	U	mg/kg	0.446	0.743
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.297	U	mg/kg	0.149	0.297
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	1090		mg/kg	149	446
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.645	J	mg/kg	0.446	0.594
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	48.1	J+	mg/kg	0.743	1.49
SO	DSA03-SB20-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	70.8		mg/kg	0.743	1.49
SO	DSA03-SB20-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0359	U	mg/kg	0.0173	0.0359
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	12500		mg/kg	8.55	17.1
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	1.42	J	mg/kg	0.855	1.37
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	72.1		mg/kg	0.513	1.03
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Barium	7440-39-3	64.8		mg/kg	0.855	1.71
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.298	J	mg/kg	0.171	0.342
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.342	U	mg/kg	0.342	0.342
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	494	J	mg/kg	171	342
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	54.6		mg/kg	0.342	0.684
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	5.08		mg/kg	0.855	1.71
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Copper	7440-50-8	51.5		mg/kg	0.684	1.37
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Iron	7439-89-6	52700		mg/kg	5.13	10.3
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Lead	7439-92-1	97.7		mg/kg	0.257	0.513
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	4010		mg/kg	171	513
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	105		mg/kg	0.513	1.03

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	2.82	J	mg/kg	0.855	1.71
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	15.3		mg/kg	0.513	1.03
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	3580		mg/kg	171	513
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	5.28		mg/kg	0.513	0.855
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Silver	7440-22-4	1.4	J	mg/kg	0.171	0.342
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	2610		mg/kg	171	513
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.659	J	mg/kg	0.513	0.684
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	60.3	J+	mg/kg	0.855	1.71
SO	DSA03-SB21-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	54.5		mg/kg	0.855	1.71
SO	DSA03-SB21-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.832		mg/kg	0.0226	0.0469
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	21500		mg/kg	9.81	19.6
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	1.57	U	mg/kg	0.981	1.57
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	31.2		mg/kg	0.589	1.18
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Barium	7440-39-3	67		mg/kg	0.981	1.96
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.674	J	mg/kg	0.196	0.393
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.393	U	mg/kg	0.196	0.393
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	732	J	mg/kg	196	393
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	59.9		mg/kg	0.393	0.785
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	6.32		mg/kg	0.981	1.96
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Copper	7440-50-8	35		mg/kg	0.785	1.57
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Iron	7439-89-6	37800		mg/kg	5.89	11.8
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Lead	7439-92-1	62.4		mg/kg	0.294	0.589
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	5610		mg/kg	196	589
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	126		mg/kg	0.589	1.18
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	2.85	J	mg/kg	0.981	1.96
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	20		mg/kg	0.589	1.18
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	4560		mg/kg	196	589
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	1.22	J	mg/kg	0.589	0.981
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.393	U	mg/kg	0.196	0.393
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	1120		mg/kg	196	589
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.785	U	mg/kg	0.589	0.785
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	57.3	J+	mg/kg	0.981	1.96
SO	DSA03-SB22-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	65.8		mg/kg	0.981	1.96
SO	DSA03-SB22-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0951		mg/kg	0.0252	0.0523
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	9190		mg/kg	6.24	12.5
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	0.998	U	mg/kg	0.624	0.998
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	9		mg/kg	0.374	0.748
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Barium	7440-39-3	13.3		mg/kg	0.624	1.25

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.916		mg/kg	0.125	0.249
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.249	U	mg/kg	0.249	0.249
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	491	J	mg/kg	125	249
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	19.4		mg/kg	0.249	0.499
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	4.21		mg/kg	0.624	1.25
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Copper	7440-50-8	6.78		mg/kg	0.499	0.998
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Iron	7439-89-6	30000		mg/kg	3.74	7.48
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Lead	7439-92-1	6.1		mg/kg	0.187	0.374
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	2100		mg/kg	125	374
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	220		mg/kg	0.374	0.748
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.13	J	mg/kg	0.624	1.25
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	9.44		mg/kg	0.374	0.748
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1510		mg/kg	125	374
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.624	U	mg/kg	0.374	0.624
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.249	U	mg/kg	0.125	0.249
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	320	J	mg/kg	125	374
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.411	J	mg/kg	0.374	0.499
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	29.1	J+	mg/kg	0.624	1.25
SO	DSA03-SB23-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	39.9		mg/kg	0.624	1.25
SO	DSA03-SB23-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0293	U	mg/kg	0.0141	0.0293
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	10700		mg/kg	8.29	16.6
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	1.33	U	mg/kg	0.829	1.33
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	19.7		mg/kg	0.497	0.995
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Barium	7440-39-3	18.3		mg/kg	0.829	1.66
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.845		mg/kg	0.166	0.332
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.332	U	mg/kg	0.166	0.332
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	1330		mg/kg	166	332
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	24.2		mg/kg	0.332	0.663
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	12.7		mg/kg	0.829	1.66
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Copper	7440-50-8	9.26		mg/kg	0.663	1.33
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Iron	7439-89-6	49700		mg/kg	4.97	9.95
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Lead	7439-92-1	9.33		mg/kg	0.249	0.497
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	3710		mg/kg	166	497
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	227		mg/kg	0.497	0.995
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	6.81		mg/kg	0.829	1.66
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	18		mg/kg	0.497	0.995
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	2090		mg/kg	166	497
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	0.829	U	mg/kg	0.497	0.829

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.332	U	mg/kg	0.332	0.332
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	650	J	mg/kg	166	497
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.663	U	mg/kg	0.497	0.663
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	37.2	J+	mg/kg	0.829	1.66
SO	DSA03-SB24-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	58		mg/kg	0.829	1.66
SO	DSA03-SB24-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0459	U	mg/kg	0.0221	0.0459
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	5430		mg/kg	14.5	28.9
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	2.32	U	mg/kg	1.45	2.32
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	2.24	J	mg/kg	0.868	1.74
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Barium	7440-39-3	11.8		mg/kg	1.45	2.89
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.302	J	mg/kg	0.289	0.579
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.579	U	mg/kg	0.289	0.579
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2550		mg/kg	289	579
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	12.2		mg/kg	0.579	1.16
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	1.89	J	mg/kg	1.45	2.89
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Copper	7440-50-8	4.66		mg/kg	1.16	2.32
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Iron	7439-89-6	7570		mg/kg	8.68	17.4
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Lead	7439-92-1	4.18		mg/kg	0.434	0.868
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	4520		mg/kg	289	868
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	53.1		mg/kg	0.868	1.74
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	2.23	J	mg/kg	1.45	2.89
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	5.3		mg/kg	0.868	1.74
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	1640		mg/kg	289	868
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	1.45	U	mg/kg	0.868	1.45
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.579	U	mg/kg	0.579	0.579
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	17000		mg/kg	289	868
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.16	U	mg/kg	0.868	1.16
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	16.4	J+	mg/kg	1.45	2.89
SO	DSA05-SB25-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	18.1		mg/kg	1.45	2.89
SO	DSA05-SB25-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0789	U	mg/kg	0.0380	0.0789
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	22000		mg/kg	11.5	23.0
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	1.84	U	mg/kg	1.15	1.84
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	13.9		mg/kg	0.690	1.38
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Barium	7440-39-3	40.9		mg/kg	1.15	2.30
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.17		mg/kg	0.230	0.460
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.46	U	mg/kg	0.230	0.460
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2350		mg/kg	230	460
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	49		mg/kg	0.460	0.920

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	12.6		mg/kg	1.15	2.30
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Copper	7440-50-8	19		mg/kg	0.920	1.84
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Iron	7439-89-6	46500		mg/kg	6.90	13.8
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Lead	7439-92-1	17.7		mg/kg	0.345	0.690
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	9280		mg/kg	230	690
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	284		mg/kg	0.690	1.38
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.73	J	mg/kg	1.15	2.30
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	30.2		mg/kg	0.690	1.38
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	4400		mg/kg	230	690
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	1.15	U	mg/kg	0.690	1.15
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.46	U	mg/kg	0.460	0.460
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	10300		mg/kg	230	690
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.92	U	mg/kg	0.690	0.920
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	52.4	J+	mg/kg	1.15	2.30
SO	DSA05-SB26-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	103		mg/kg	1.15	2.30
SO	DSA05-SB26-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0601	U	mg/kg	0.0289	0.0601
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	20600		mg/kg	30.3	60.7
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	4.85	U	mg/kg	3.03	4.85
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	19.1		mg/kg	1.82	3.64
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Barium	7440-39-3	41.6		mg/kg	3.03	6.07
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.15	J	mg/kg	0.607	1.21
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	1.21	U	mg/kg	0.607	1.21
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	5890		mg/kg	607	1210
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	40.1	J+	mg/kg	1.21	2.43
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	7.14	J	mg/kg	3.03	6.07
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Copper	7440-50-8	28.6		mg/kg	2.43	4.85
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Iron	7439-89-6	36400		mg/kg	18.2	36.4
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Lead	7439-92-1	22.8		mg/kg	0.910	1.82
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	11000		mg/kg	607	1820
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	113		mg/kg	1.82	3.64
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	6.35	J	mg/kg	3.03	6.07
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	27.1		mg/kg	1.82	3.64
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	4560		mg/kg	607	1820
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	3.03	U	mg/kg	1.82	3.03
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Silver	7440-22-4	1.21	U	mg/kg	1.21	1.21
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	35500		mg/kg	607	1820
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	2.43	U	mg/kg	1.82	2.43
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	51.5	J+	mg/kg	3.03	6.07

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA05-SB27-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	81.3		mg/kg	3.03	6.07
SO	DSA05-SB27-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.15	U	mg/kg	0.0724	0.150
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	20400		mg/kg	12.8	25.6
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	2.05	U	mg/kg	1.28	2.05
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	13.3		mg/kg	0.767	1.53
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Barium	7440-39-3	37		mg/kg	1.28	2.56
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.17	J	mg/kg	0.256	0.511
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.511	U	mg/kg	0.256	0.511
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2650		mg/kg	256	511
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	40	J+	mg/kg	0.511	1.02
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	9.24		mg/kg	1.28	2.56
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Copper	7440-50-8	13.8		mg/kg	1.02	2.05
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Iron	7439-89-6	35700		mg/kg	7.67	15.3
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Lead	7439-92-1	13.8		mg/kg	0.383	0.767
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	8750		mg/kg	256	767
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	217		mg/kg	0.767	1.53
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	2.18	J	mg/kg	1.28	2.56
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	25.5		mg/kg	0.767	1.53
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	4170		mg/kg	256	767
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	1.28	U	mg/kg	0.767	1.28
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Silver	7440-22-4	0.511	U	mg/kg	0.511	0.511
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	12600		mg/kg	256	767
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.02	U	mg/kg	0.767	1.02
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	47	J+	mg/kg	1.28	2.56
SO	DSA05-SB28-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	79.4		mg/kg	1.28	2.56
SO	DSA05-SB28-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	0.0634	U	mg/kg	0.0305	0.0634
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	24200		mg/kg	10.3	20.5
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	7.11		mg/kg	1.03	1.64
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	179		mg/kg	0.615	1.23
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Barium	7440-39-3	149		mg/kg	1.03	2.05
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.31		mg/kg	0.205	0.410
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	6.79		mg/kg	0.205	0.410
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	3120		mg/kg	205	410
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	192		mg/kg	0.410	0.821
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	18.3		mg/kg	1.03	2.05
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Copper	7440-50-8	500		mg/kg	0.821	1.64
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Iron	7439-89-6	53900		mg/kg	6.15	12.3
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Lead	7439-92-1	290		mg/kg	0.308	0.615

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	7550		mg/kg	205	615
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	334		mg/kg	0.615	1.23
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	3.77	J	mg/kg	1.03	2.05
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	55.3		mg/kg	0.615	1.23
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	3380		mg/kg	205	615
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	9.78		mg/kg	0.615	1.03
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Silver	7440-22-4	7.56		mg/kg	0.205	0.410
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	5190		mg/kg	205	615
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.09	J	mg/kg	0.615	0.821
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	118		mg/kg	1.03	2.05
SO	DSA05-SB29-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	709		mg/kg	1.03	2.05
SO	DSA05-SB29-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	2.99		mg/kg	0.0267	0.0554
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	23800		mg/kg	9.86	19.7
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	1.44	J	mg/kg	0.986	1.58
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	67.6		mg/kg	0.592	1.18
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Barium	7440-39-3	132		mg/kg	0.986	1.97
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.01		mg/kg	0.197	0.395
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	0.853	J	mg/kg	0.197	0.395
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	1210		mg/kg	197	395
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	145		mg/kg	0.395	0.789
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	11.2		mg/kg	0.986	1.97
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Copper	7440-50-8	411		mg/kg	0.789	1.58
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Iron	7439-89-6	52500		mg/kg	5.92	11.8
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Lead	7439-92-1	247		mg/kg	0.296	0.592
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	6150		mg/kg	197	592
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	227		mg/kg	0.592	1.18
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	2.32	J	mg/kg	0.986	1.97
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	34.7		mg/kg	0.592	1.18
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	2620		mg/kg	197	592
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	4.51		mg/kg	0.592	0.986
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Silver	7440-22-4	6.16		mg/kg	0.197	0.395
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	1910		mg/kg	197	592
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.709	J	mg/kg	0.592	0.789
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	99.4		mg/kg	0.986	1.97
SO	DSA05-SB30-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	186		mg/kg	0.986	1.97
SO	DSA05-SB30-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	3.33		mg/kg	0.0496	0.103
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	23800		mg/kg	9.35	18.7
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	3.71		mg/kg	0.935	1.50

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	169		mg/kg	0.561	1.12
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Barium	7440-39-3	187		mg/kg	0.935	1.87
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	1.23		mg/kg	0.187	0.374
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	2.09		mg/kg	0.187	0.374
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2970		mg/kg	187	374
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	215		mg/kg	0.374	0.748
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	14.4		mg/kg	0.935	1.87
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Copper	7440-50-8	634		mg/kg	0.748	1.50
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Iron	7439-89-6	48800		mg/kg	5.61	11.2
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Lead	7439-92-1	287		mg/kg	0.281	0.561
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	6950		mg/kg	187	561
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	322		mg/kg	0.561	1.12
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	1.75	J	mg/kg	0.935	1.87
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	52.5		mg/kg	0.561	1.12
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	3560		mg/kg	187	561
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	17.6		mg/kg	0.561	0.935
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Silver	7440-22-4	10.1		mg/kg	0.187	0.374
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	3750		mg/kg	187	561
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	0.631	J	mg/kg	0.561	0.748
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	105		mg/kg	0.935	1.87
SO	DSA05-SB31-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	435		mg/kg	0.935	1.87
SO	DSA05-SB31-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	5.72		mg/kg	0.115	0.239
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Aluminum	7429-90-5	22900		mg/kg	9.55	19.1
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Antimony	7440-36-0	8.79		mg/kg	0.955	1.53
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Arsenic	7440-38-2	136		mg/kg	0.573	1.15
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Barium	7440-39-3	155		mg/kg	0.955	1.91
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Beryllium	7440-41-7	0.918	J	mg/kg	0.191	0.382
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Cadmium	7440-43-9	3.33		mg/kg	0.191	0.382
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Calcium	7440-70-2	2550		mg/kg	191	382
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Chromium	7440-47-3	187		mg/kg	0.382	0.764
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Cobalt	7440-48-4	15.1		mg/kg	0.955	1.91
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Copper	7440-50-8	396		mg/kg	0.764	1.53
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Iron	7439-89-6	44700		mg/kg	5.73	11.5
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Lead	7439-92-1	294		mg/kg	0.287	0.573
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Magnesium	7439-95-4	6950		mg/kg	191	573
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Manganese	7439-96-5	246		mg/kg	0.573	1.15
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Molybdenum	7439-98-7	2.54	J	mg/kg	0.955	1.91
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Nickel	7440-02-0	46.1		mg/kg	0.573	1.15

Attachment A-2

Background Analytical Data

Former Raritan Arsenal, Edison, NJ

Matrix	Sample Name	Sample Type	Depth Interval (feet bgs)	Analysis Group	Analytical Method	Chem_Name	CAS	Result	Qualifier	Units	DL	LOD
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Potassium	7440-09-7	3230		mg/kg	191	573
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Selenium	7782-49-2	6.32		mg/kg	0.573	0.955
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Silver	7440-22-4	6.41		mg/kg	0.191	0.382
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Sodium	7440-23-5	5010		mg/kg	191	573
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Thallium	7440-28-0	1.25	J	mg/kg	0.573	0.764
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Vanadium	7440-62-2	111		mg/kg	0.955	1.91
SO	DSA05-SB32-0010	N	0-10	METAL	6010C	Zinc	7440-66-6	415		mg/kg	0.955	1.91
SO	DSA05-SB32-0010	N	0-10	METAL	7471B	Mercury	7439-97-6	4.15		mg/kg	0.111	0.231

Note:

bgs = below ground surface

DL = detection limit

J = estimated value

J+ = estimated value, biased high

LOD = limit of detection

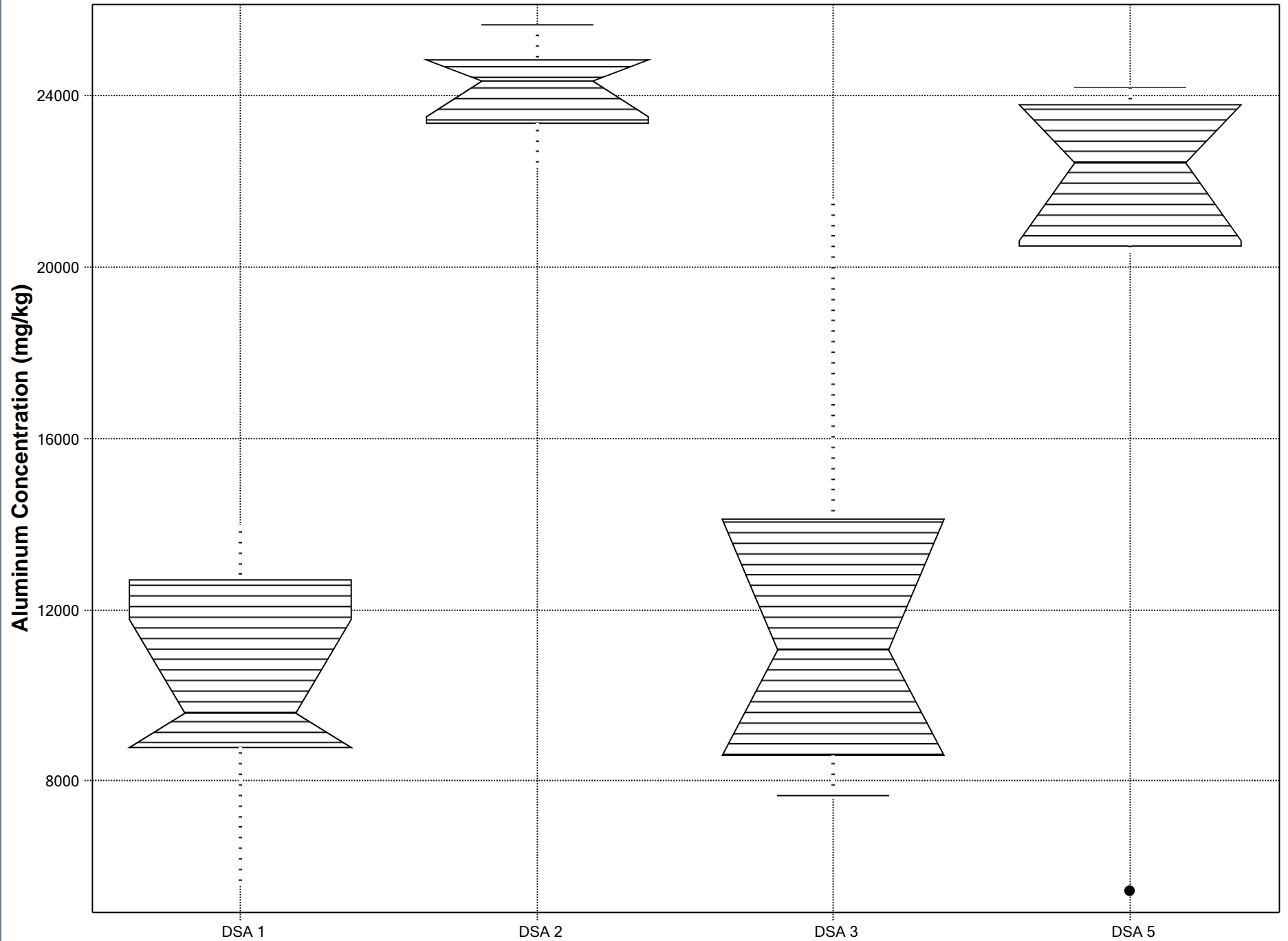
mg/kg = milligram per kilogram

N = normal sample

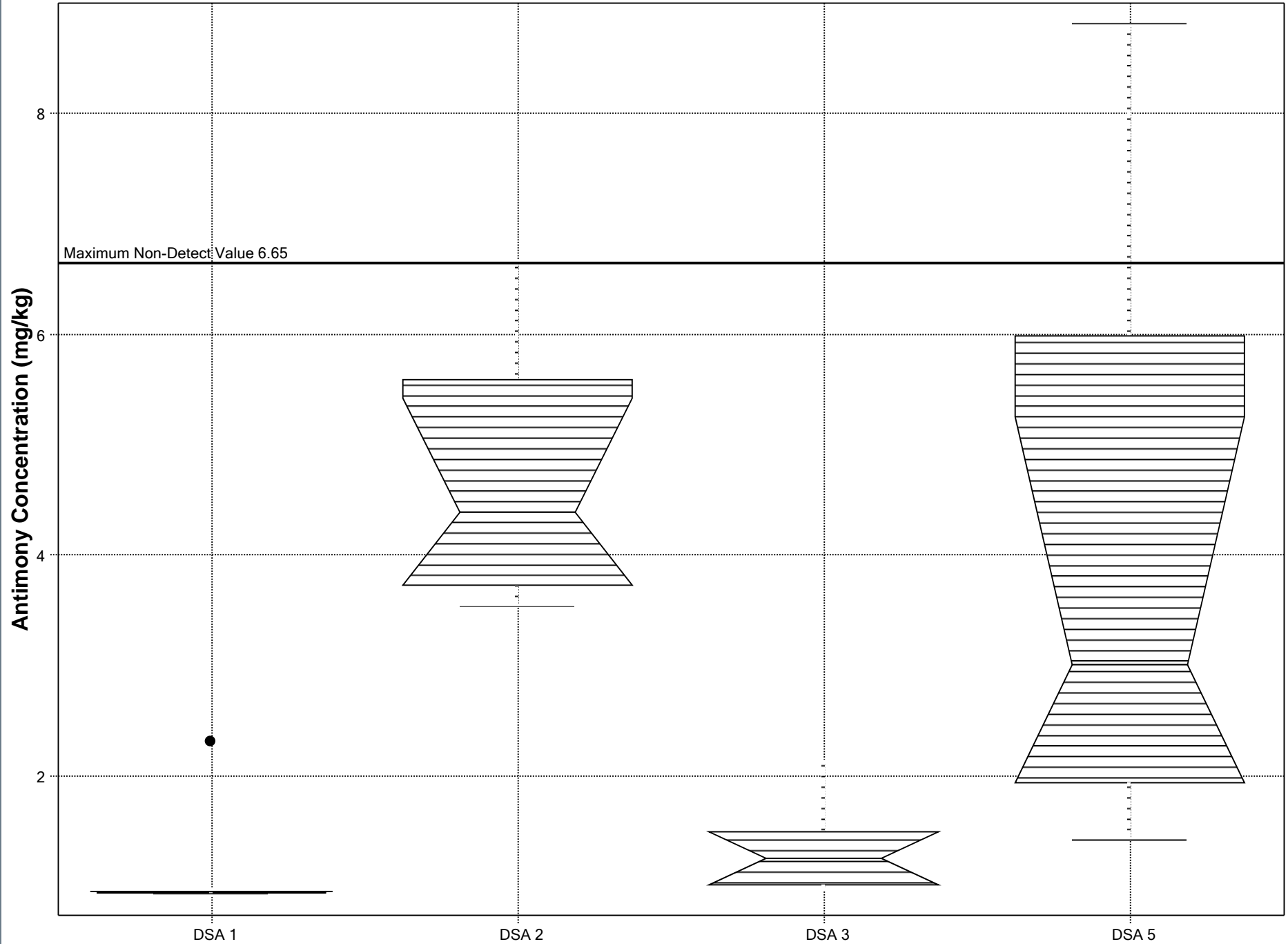
SO = soil

U = not detected

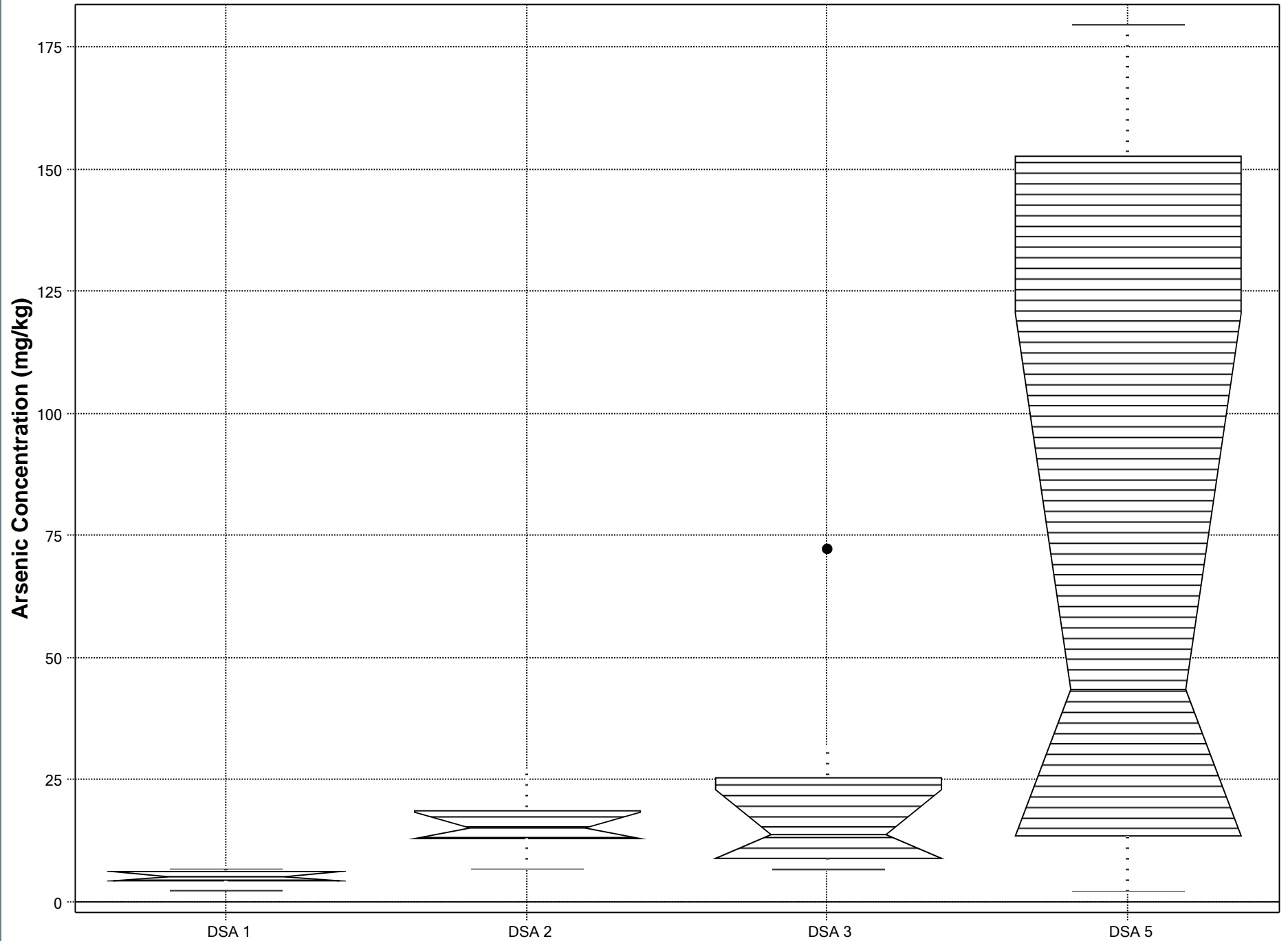
Attachment A-3

Box Plot for Aluminum

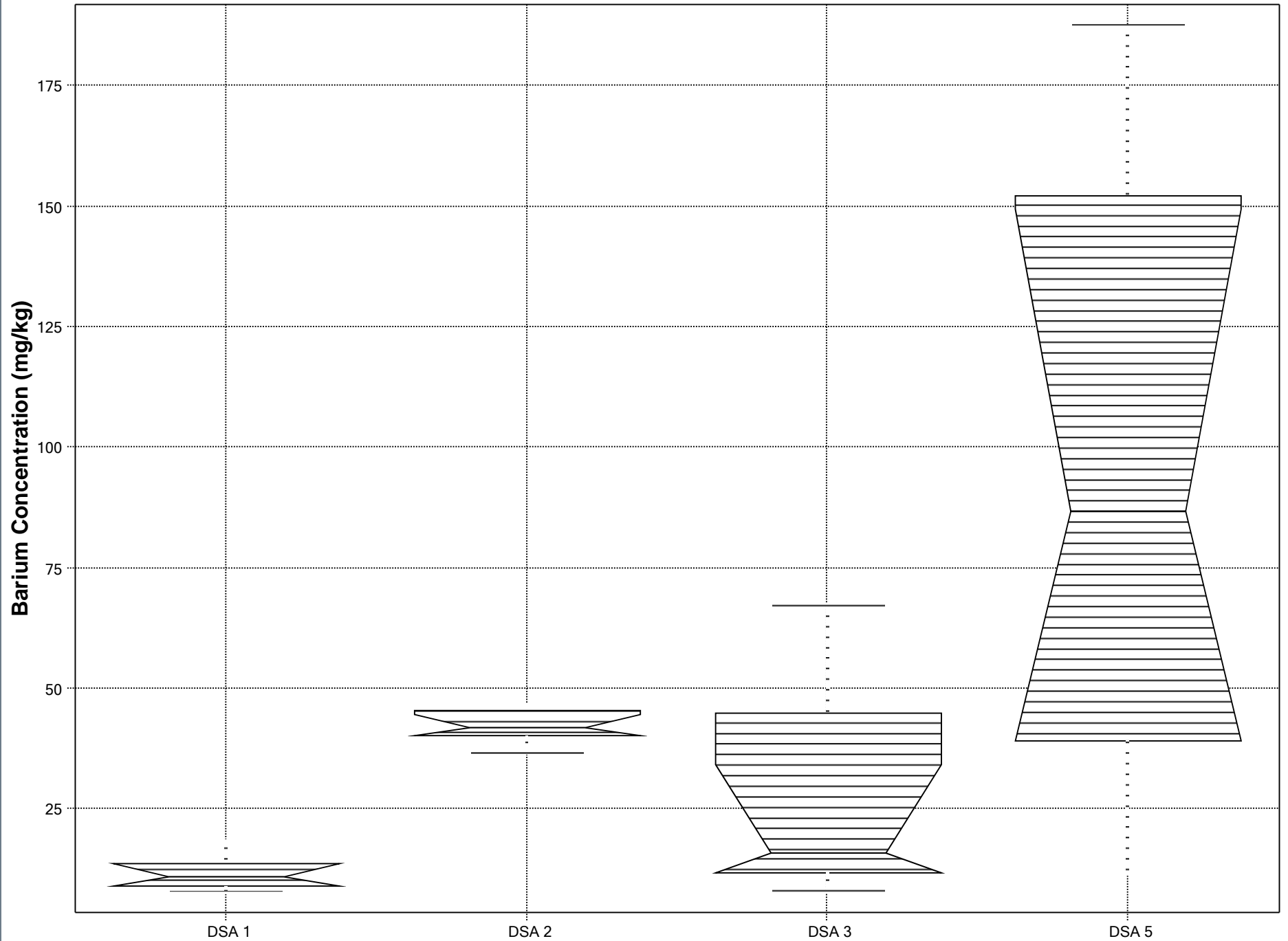
Box Plot for Antimony



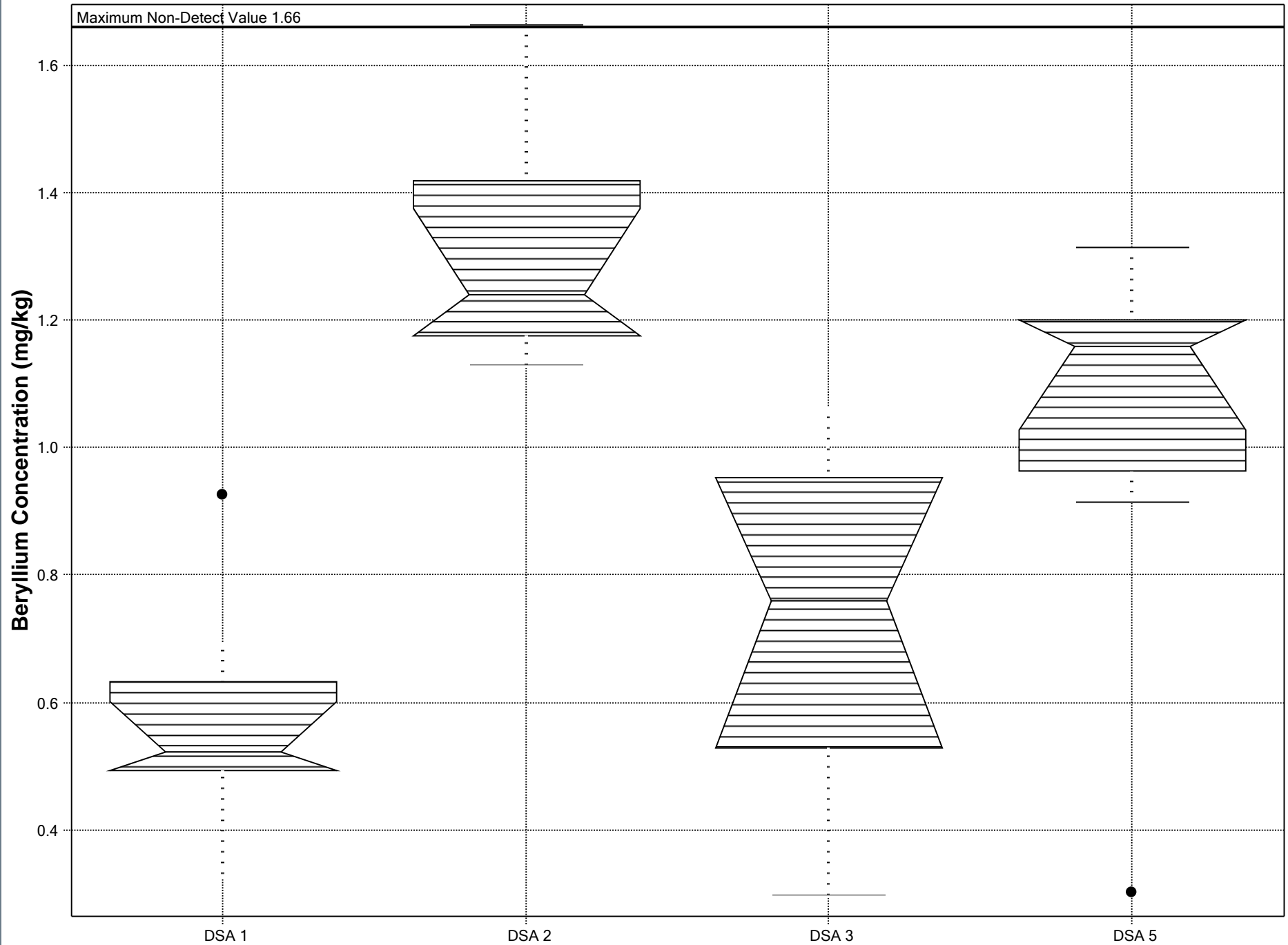
Box Plot for Arsenic



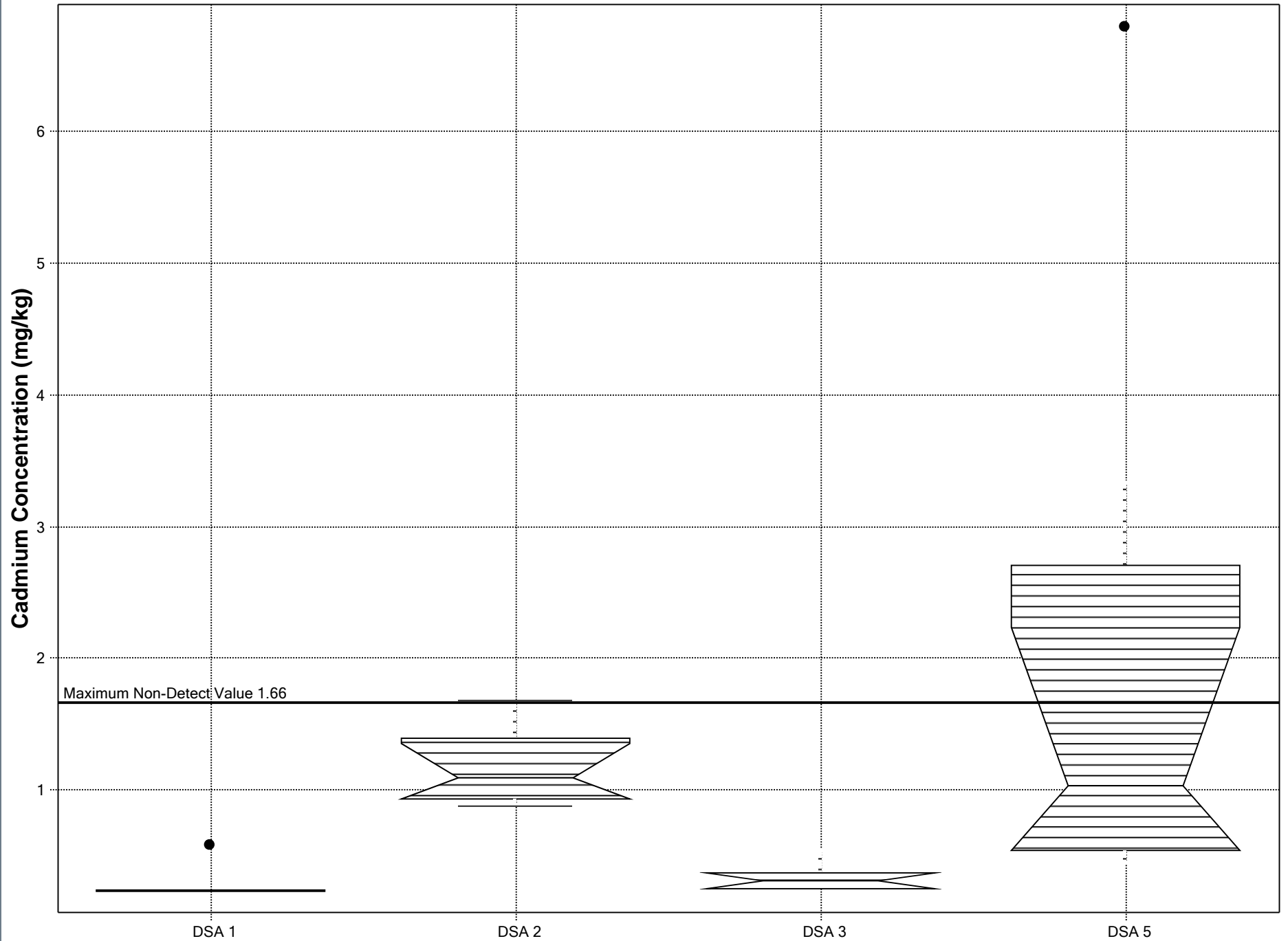
Box Plot for Barium



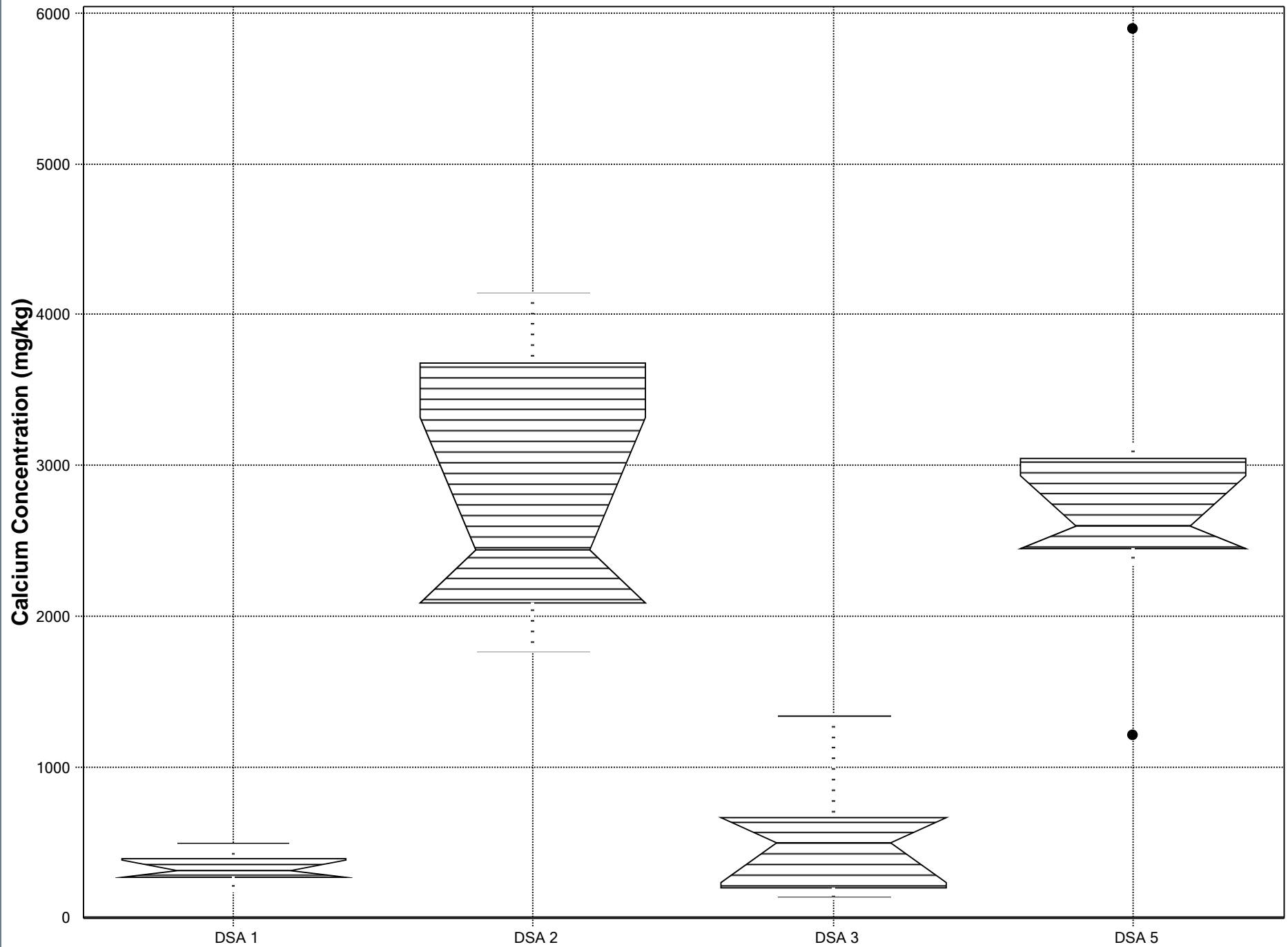
Box Plot for Beryllium



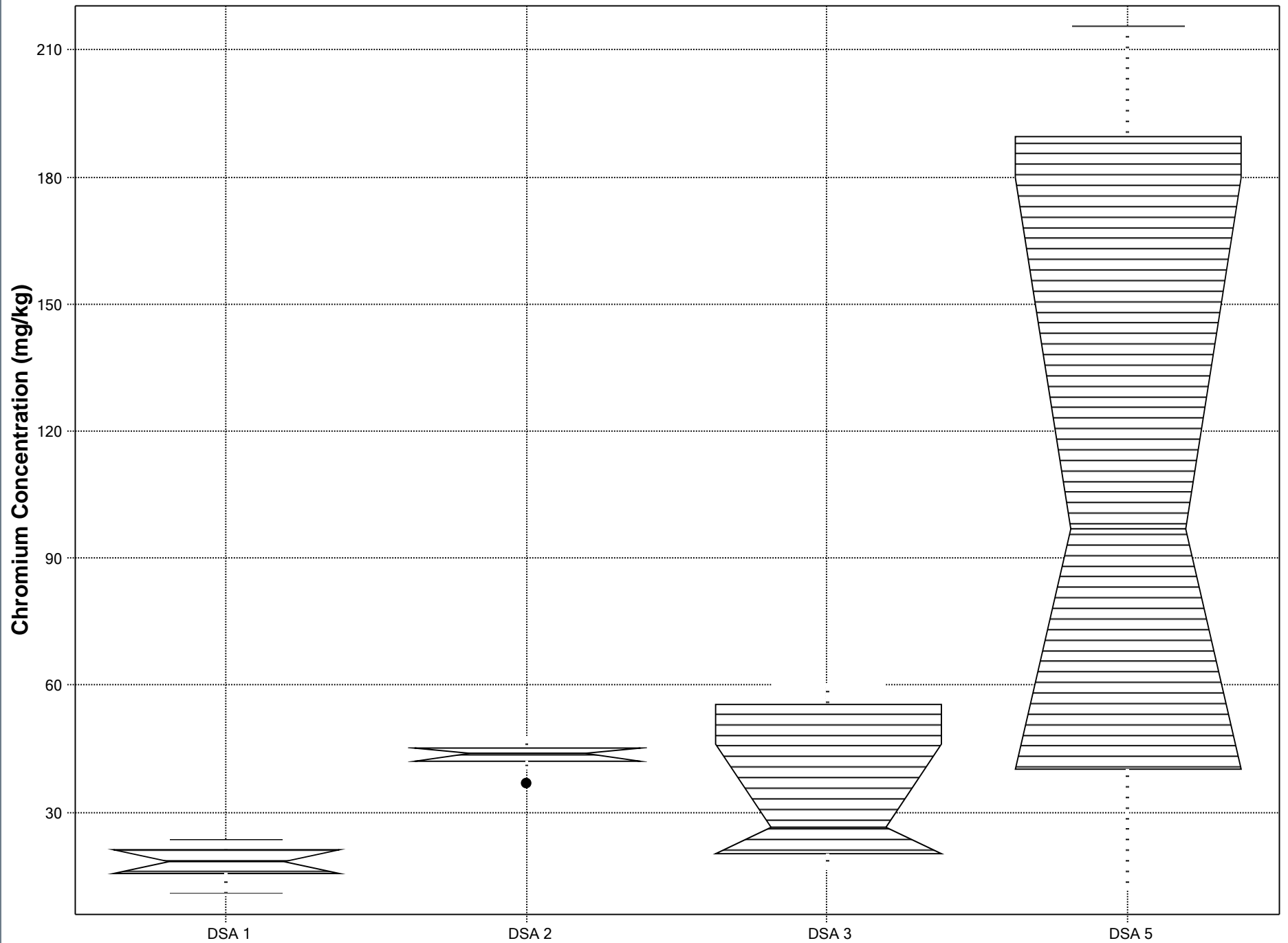
Box Plot for Cadmium



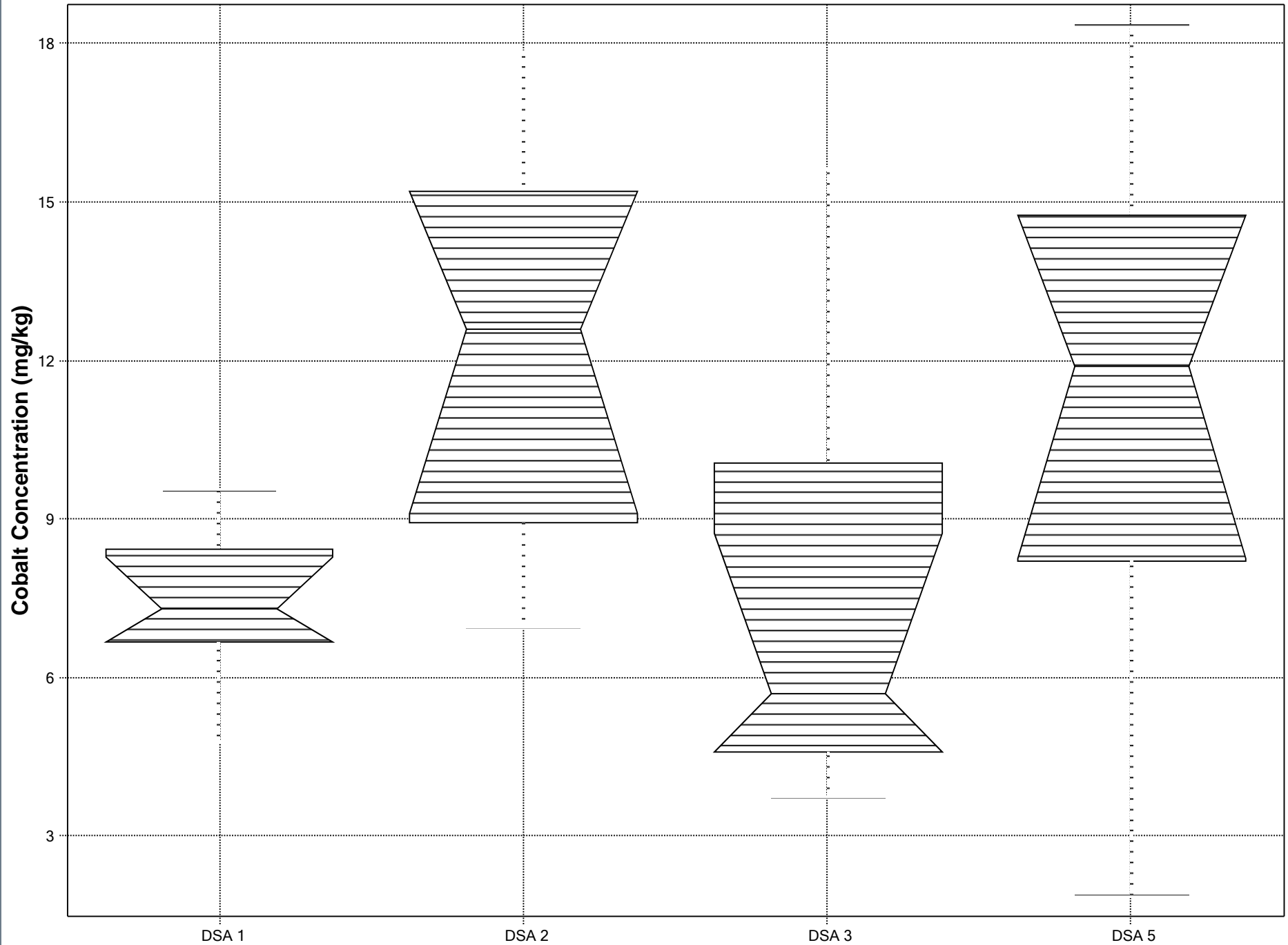
Box Plot for Calcium



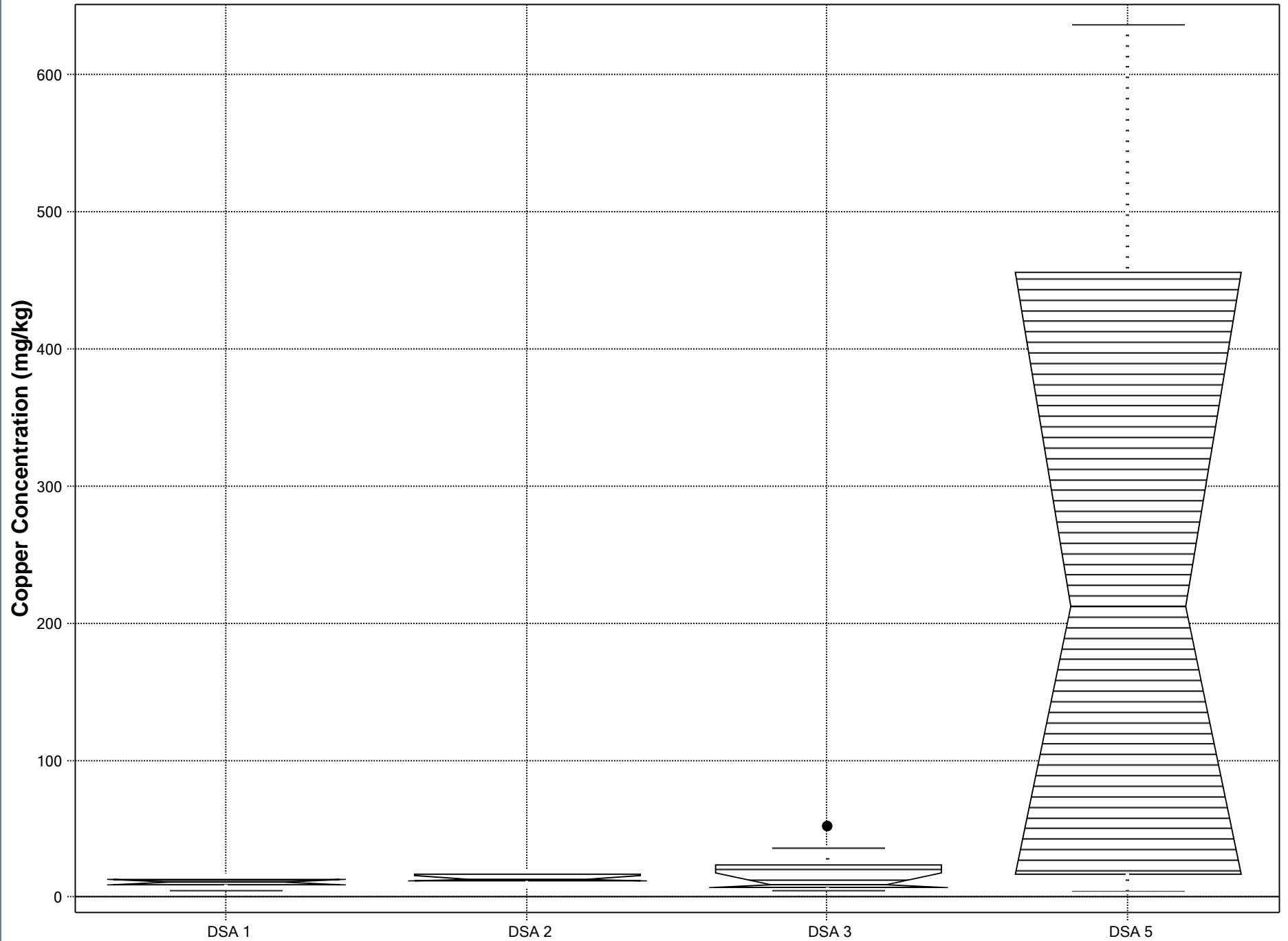
Box Plot for Chromium

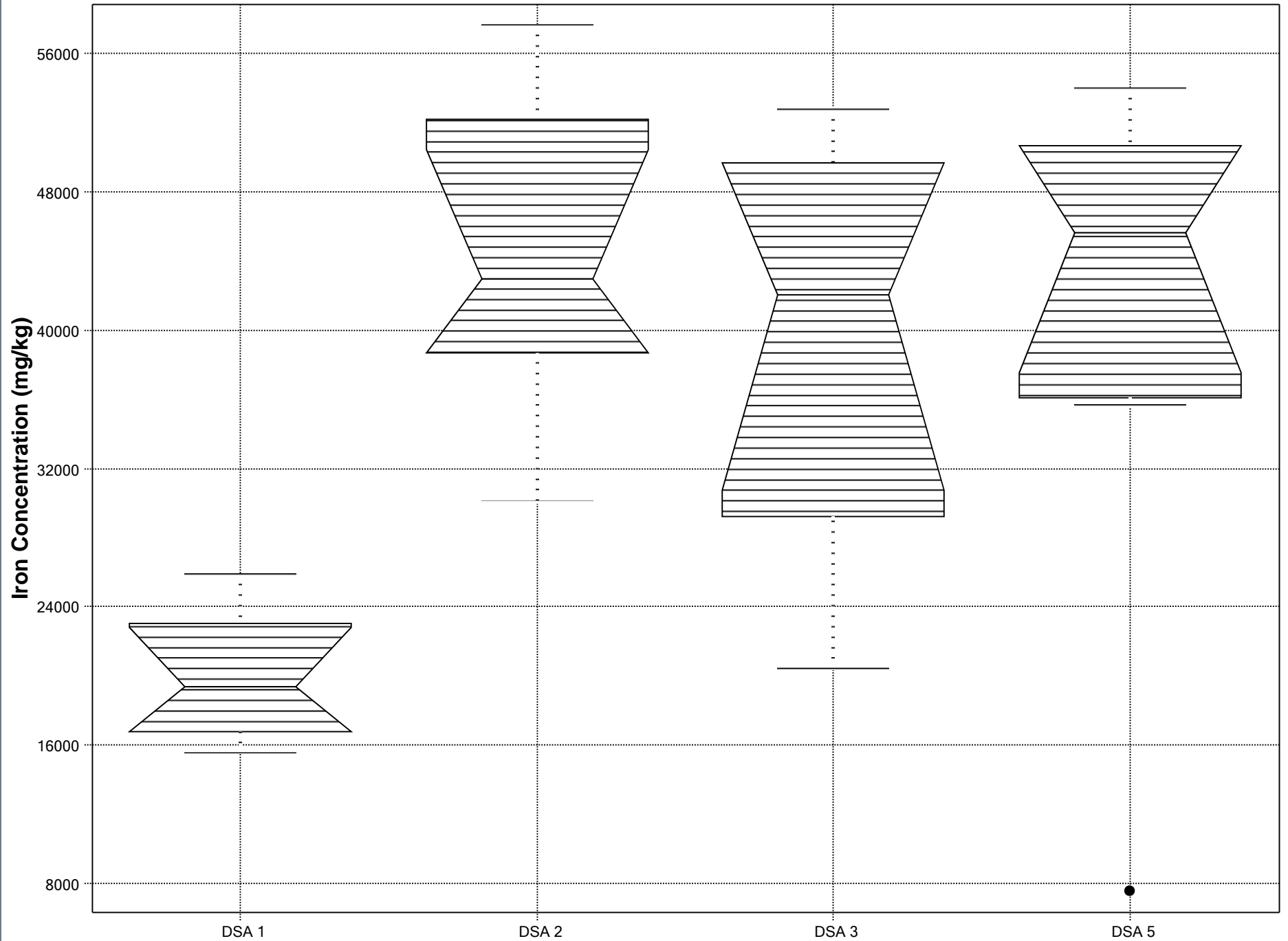


Box Plot for Cobalt

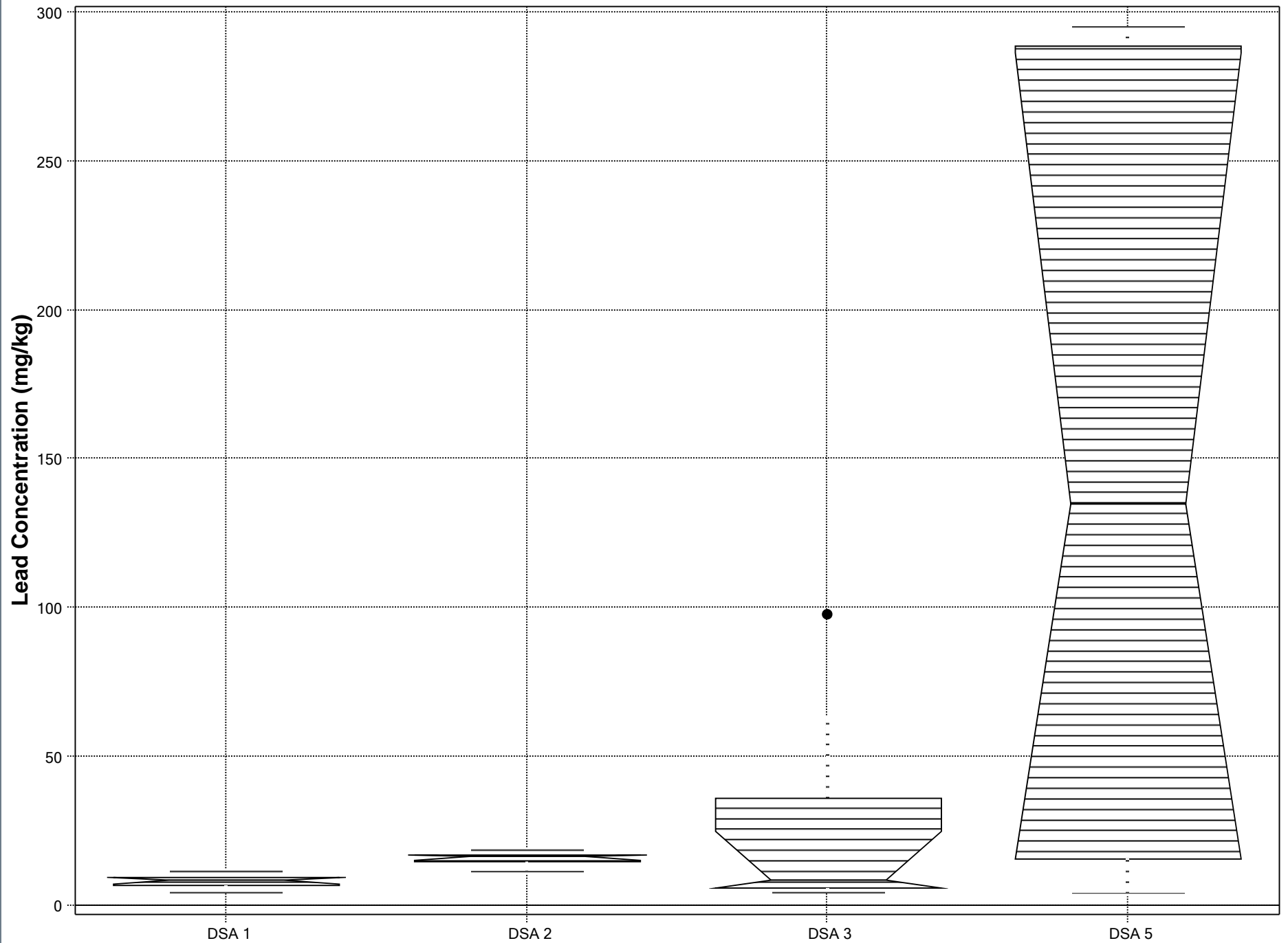


Box Plot for Copper

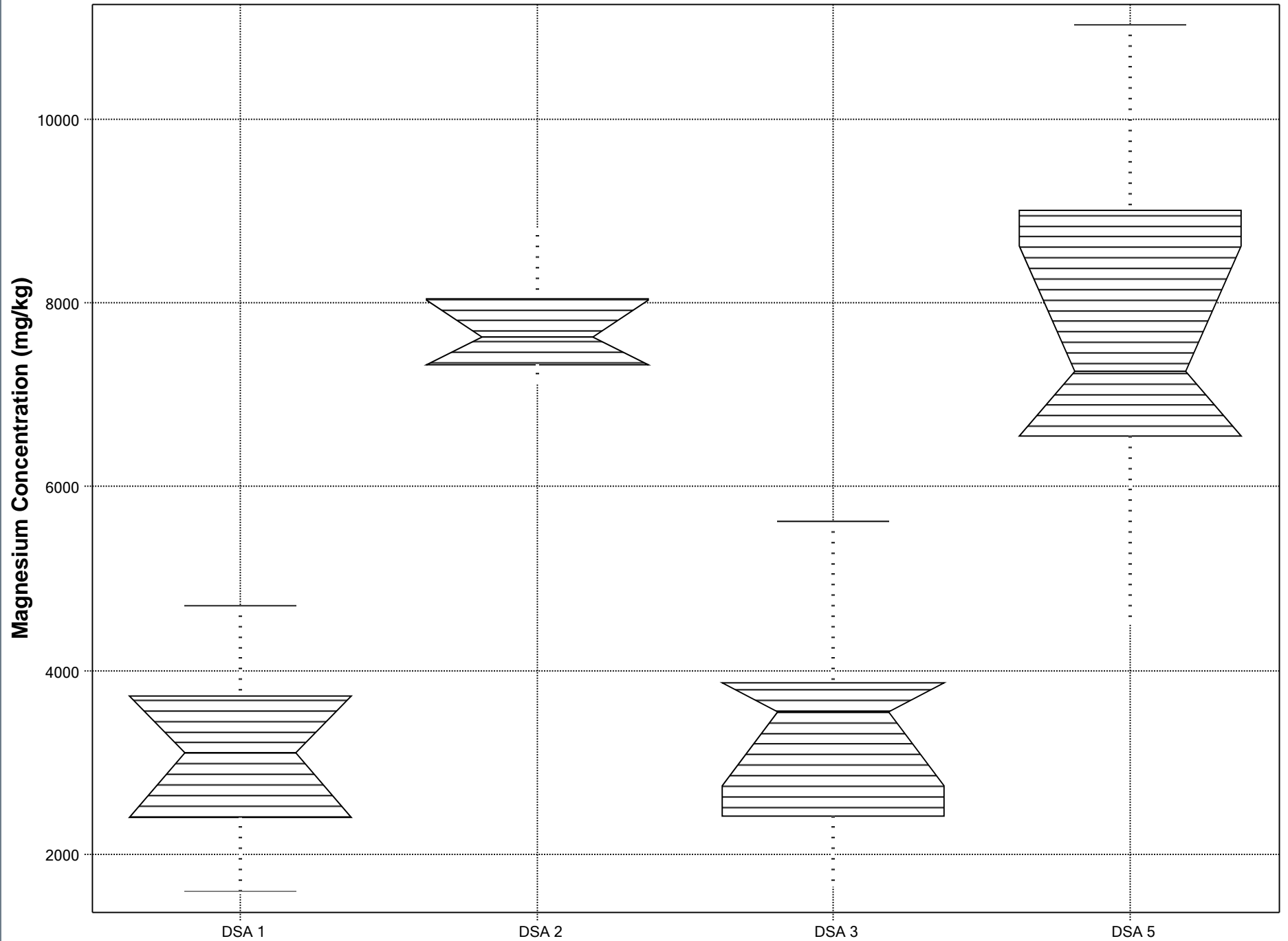


Box Plot for Iron

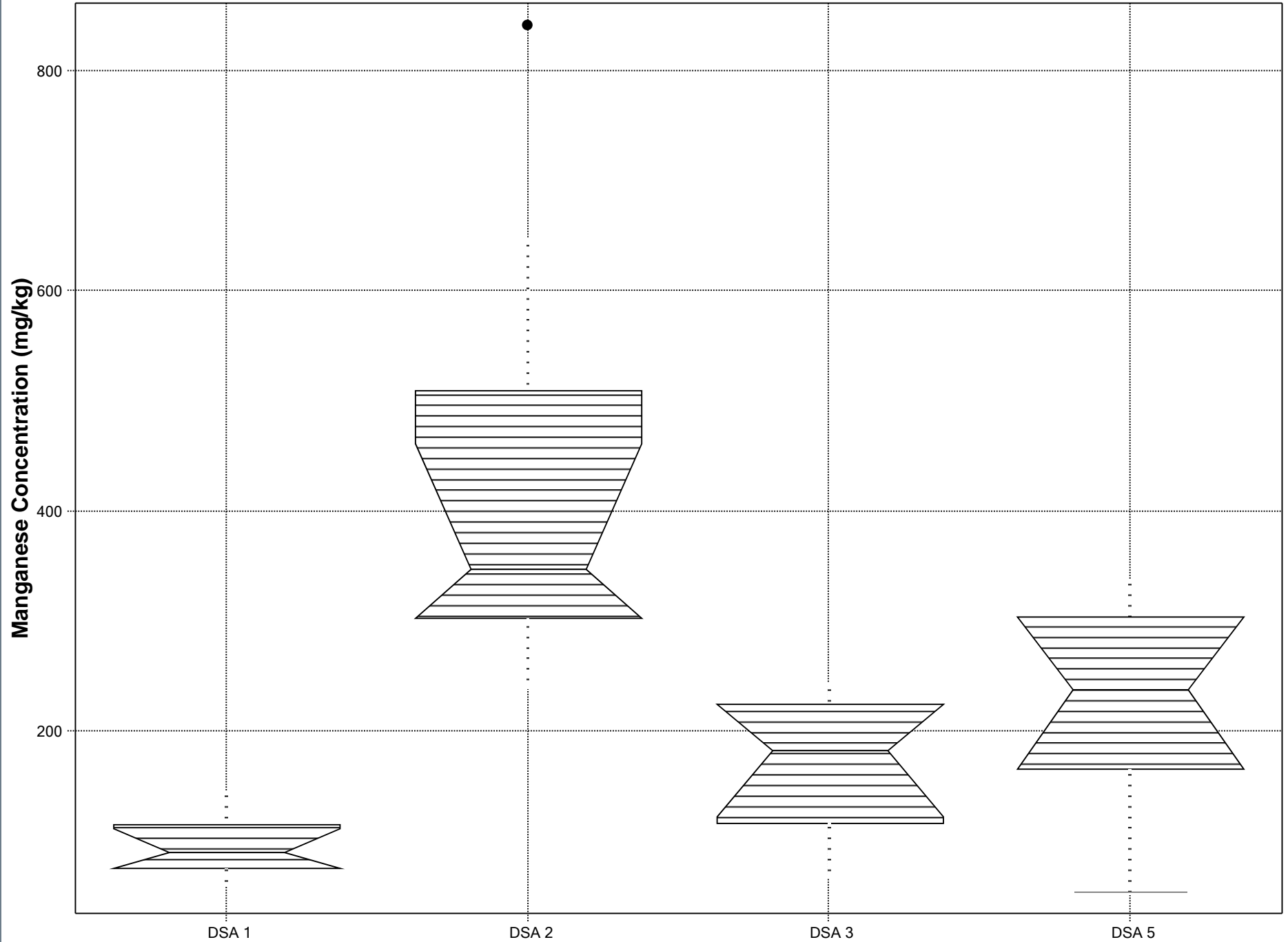
Box Plot for Lead



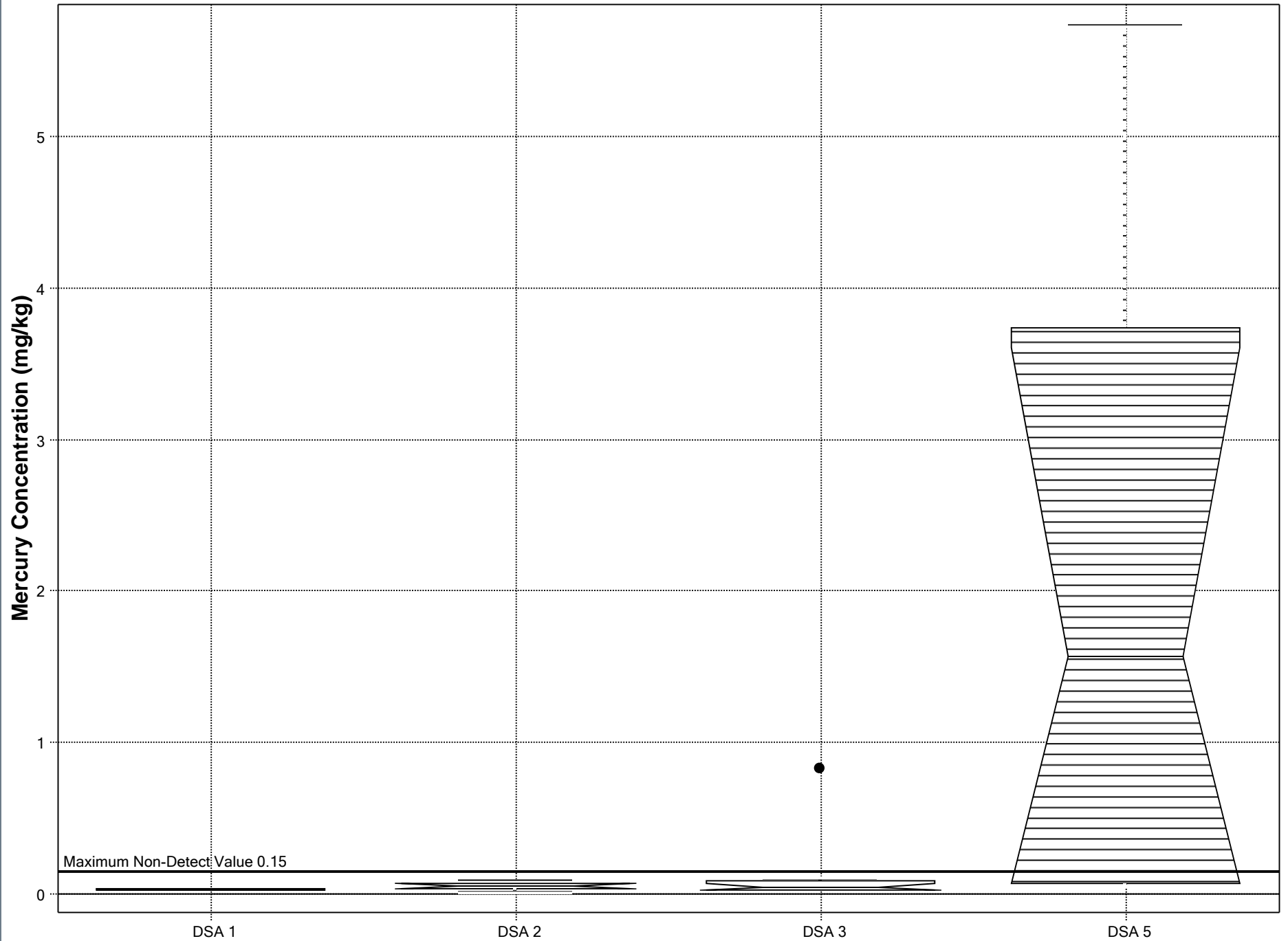
Box Plot for Magnesium



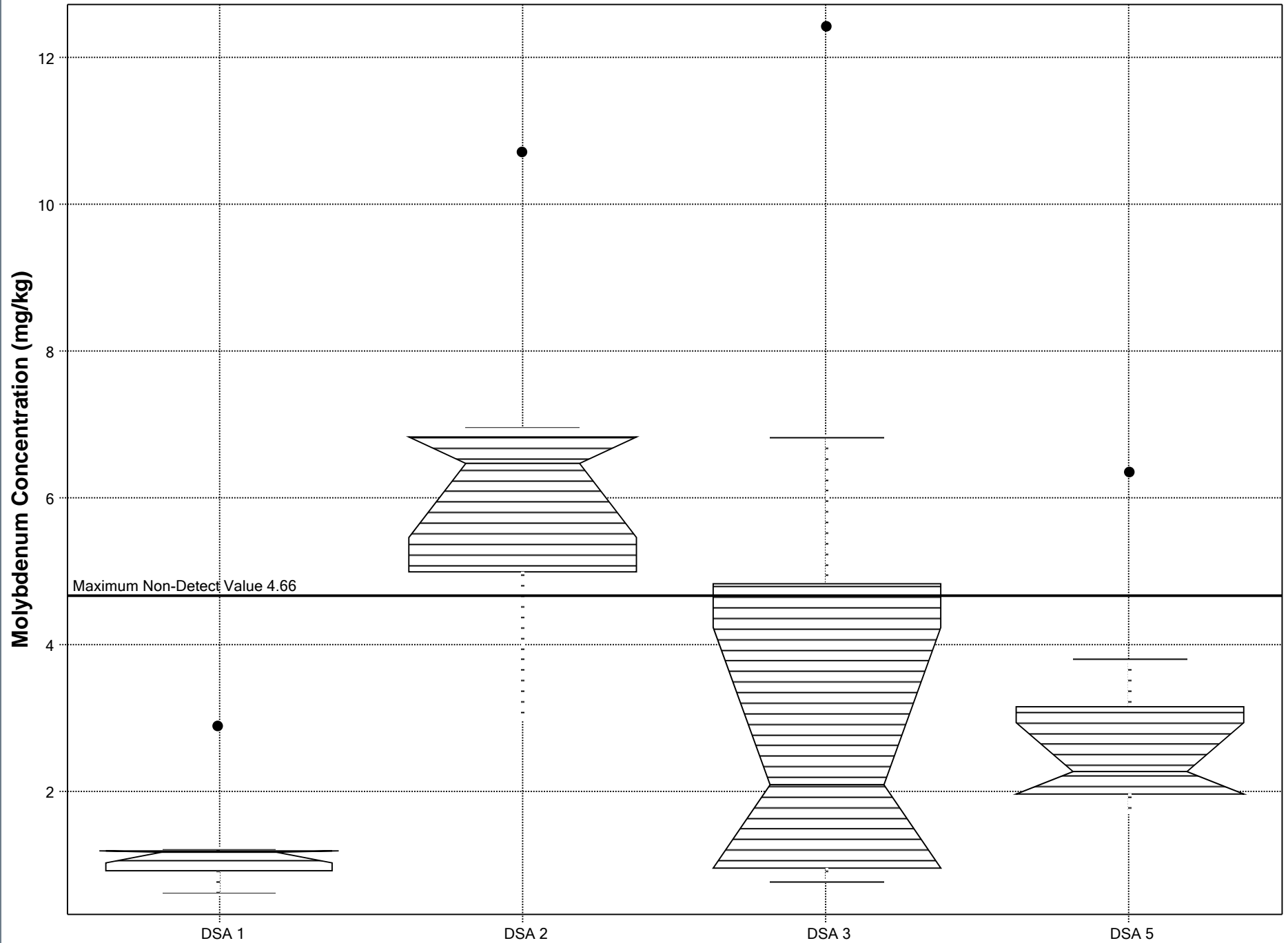
Box Plot for Manganese

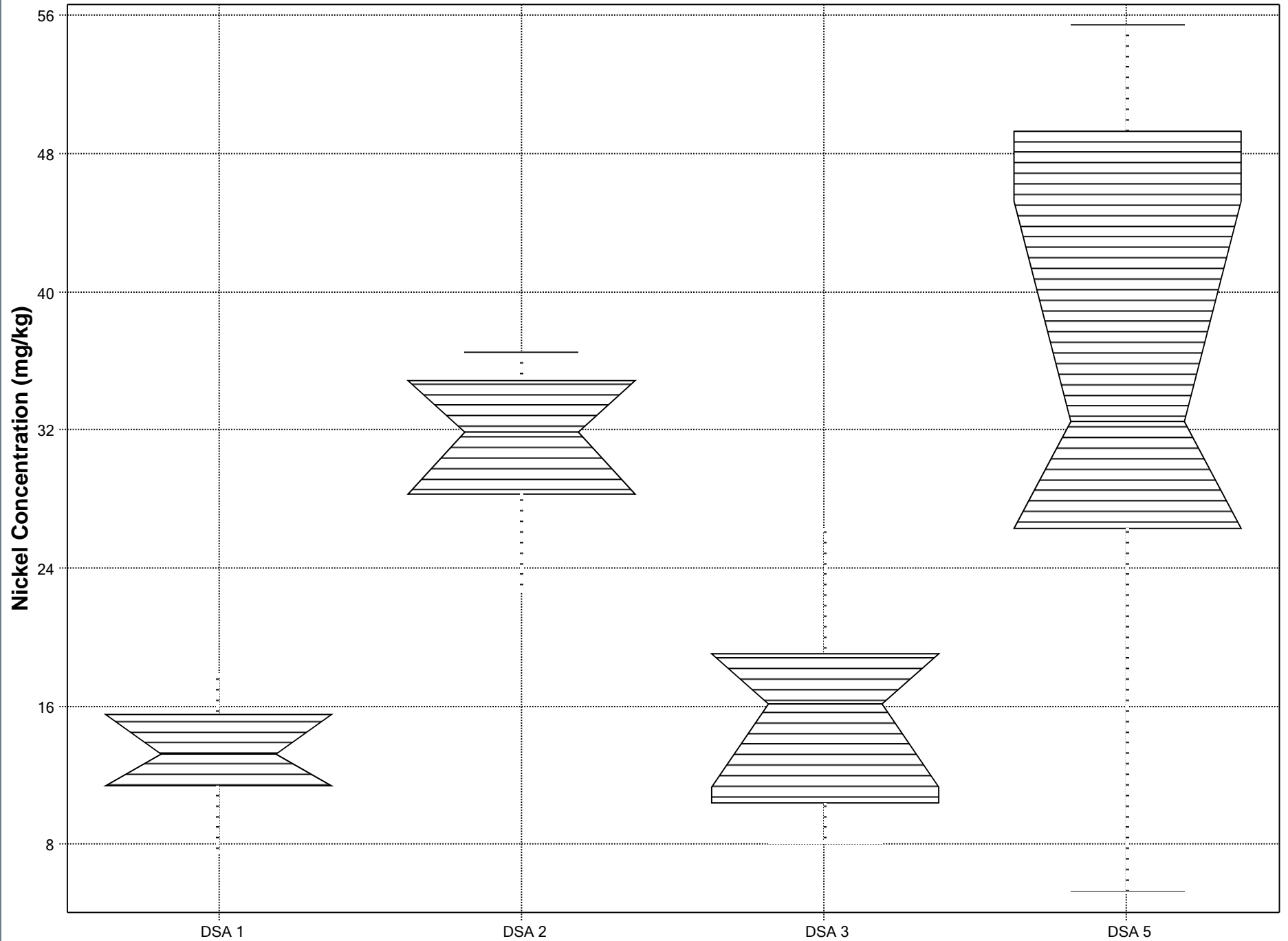


Box Plot for Mercury

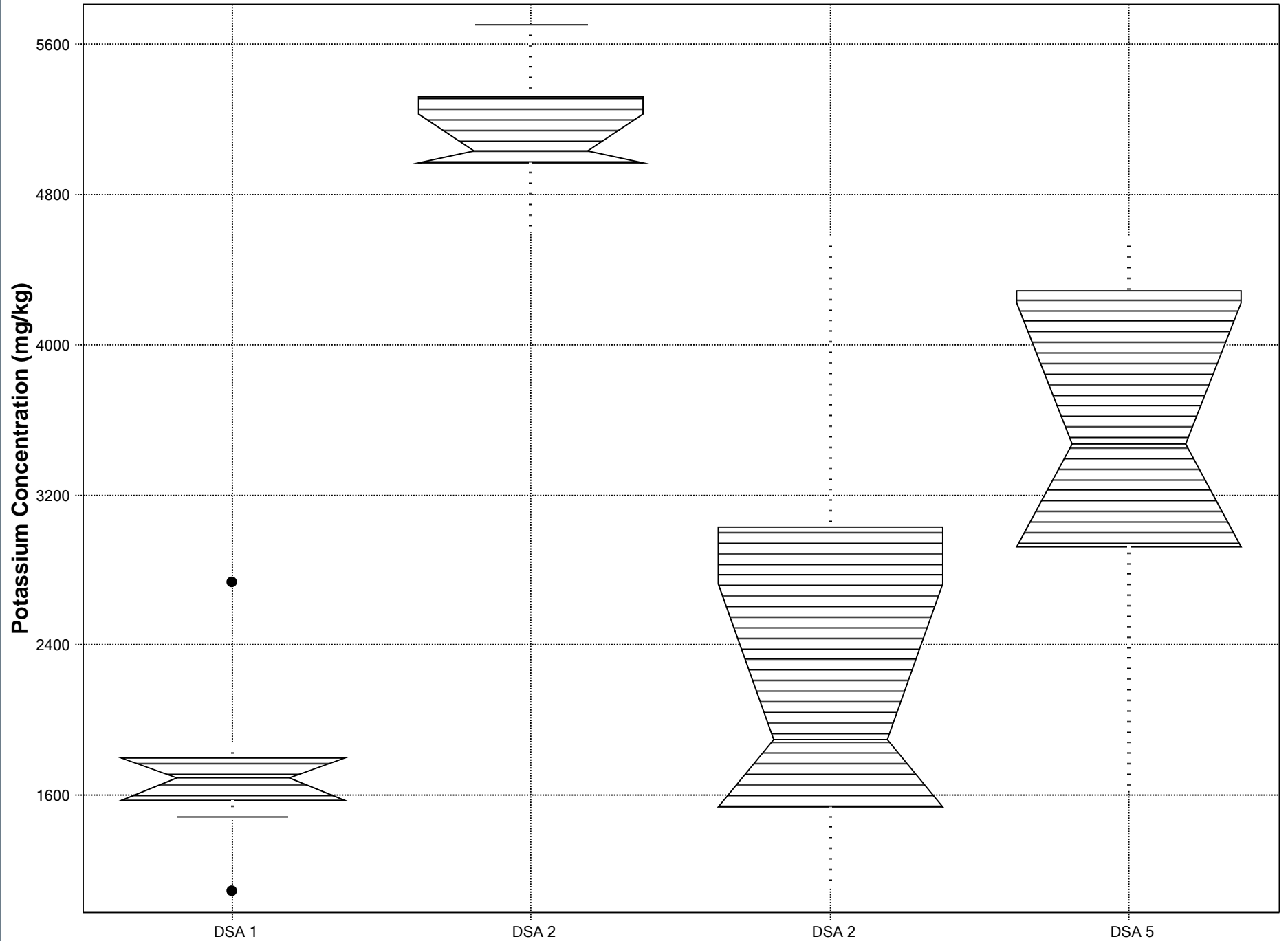


Box Plot for Molybdenum

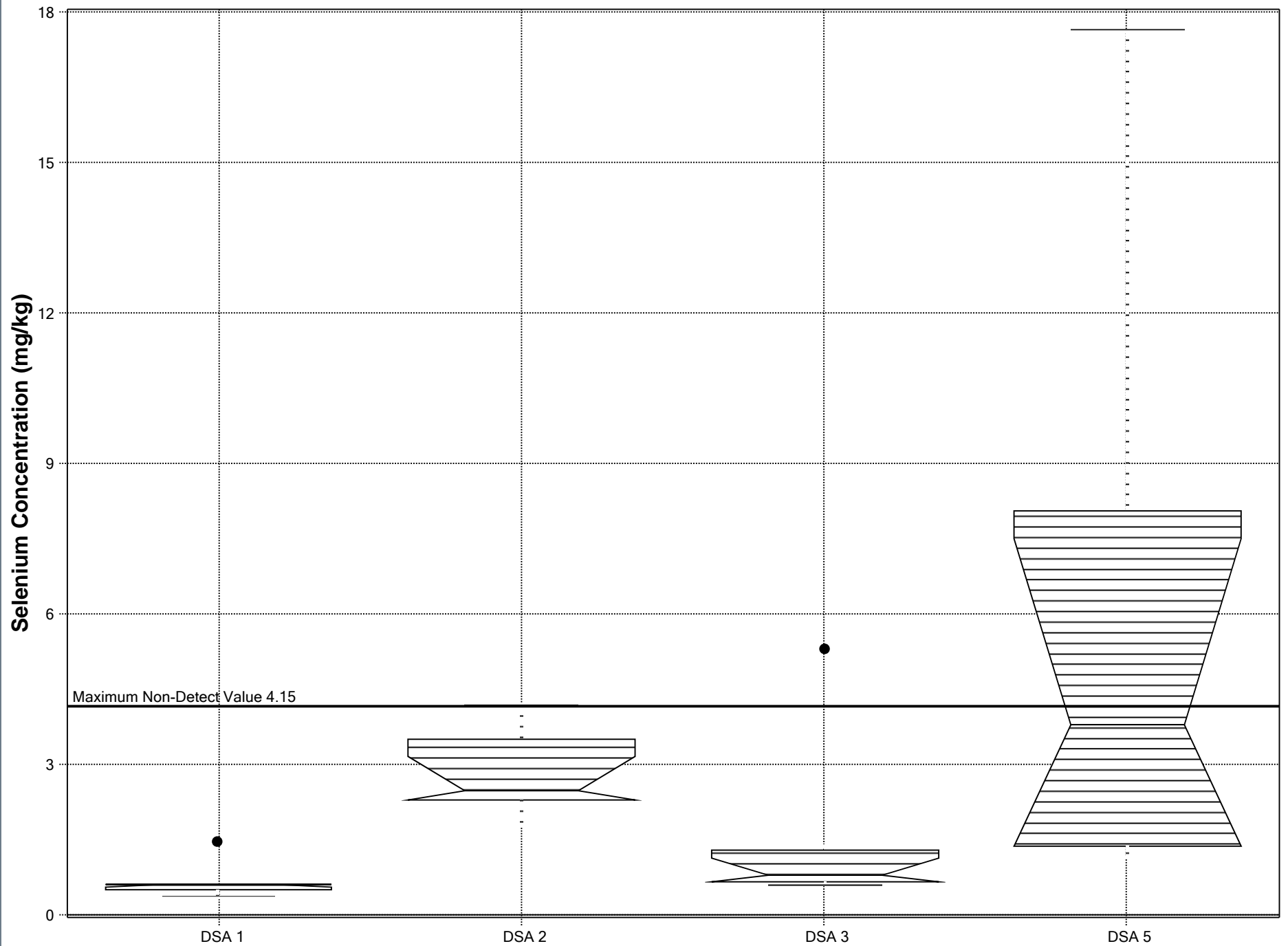


Box Plot for Nickel

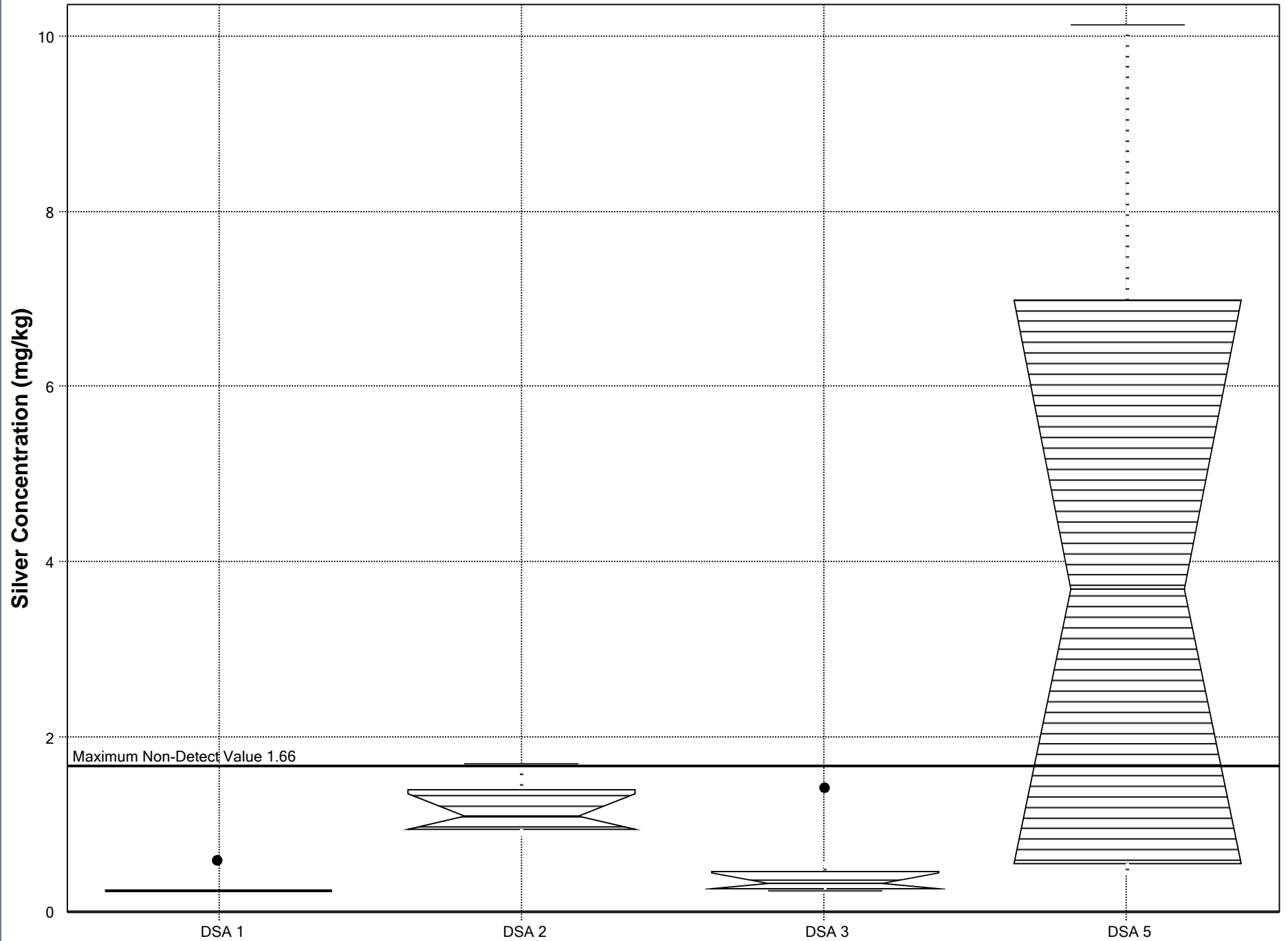
Box Plot for Potassium



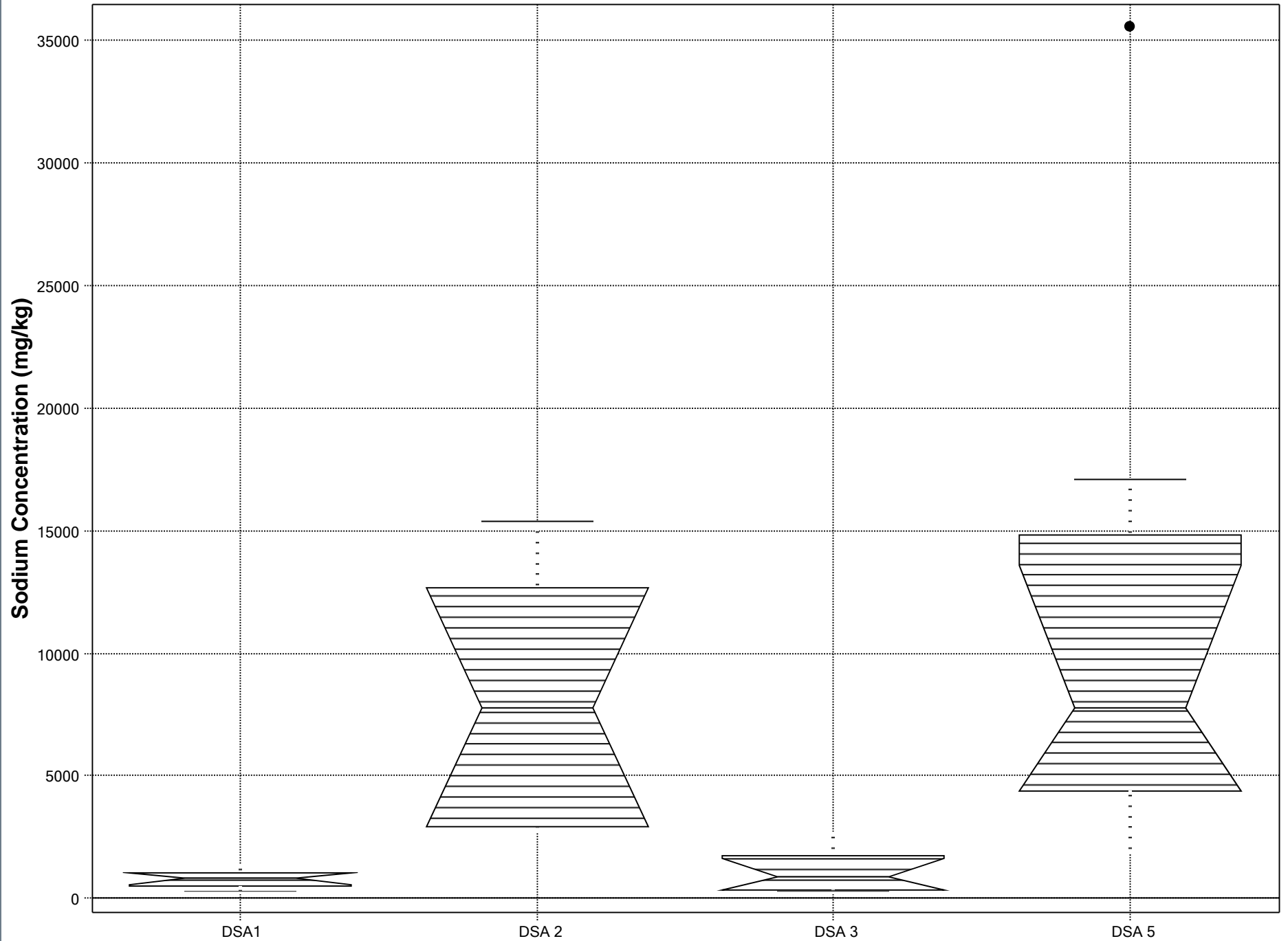
Box Plot for Selenium



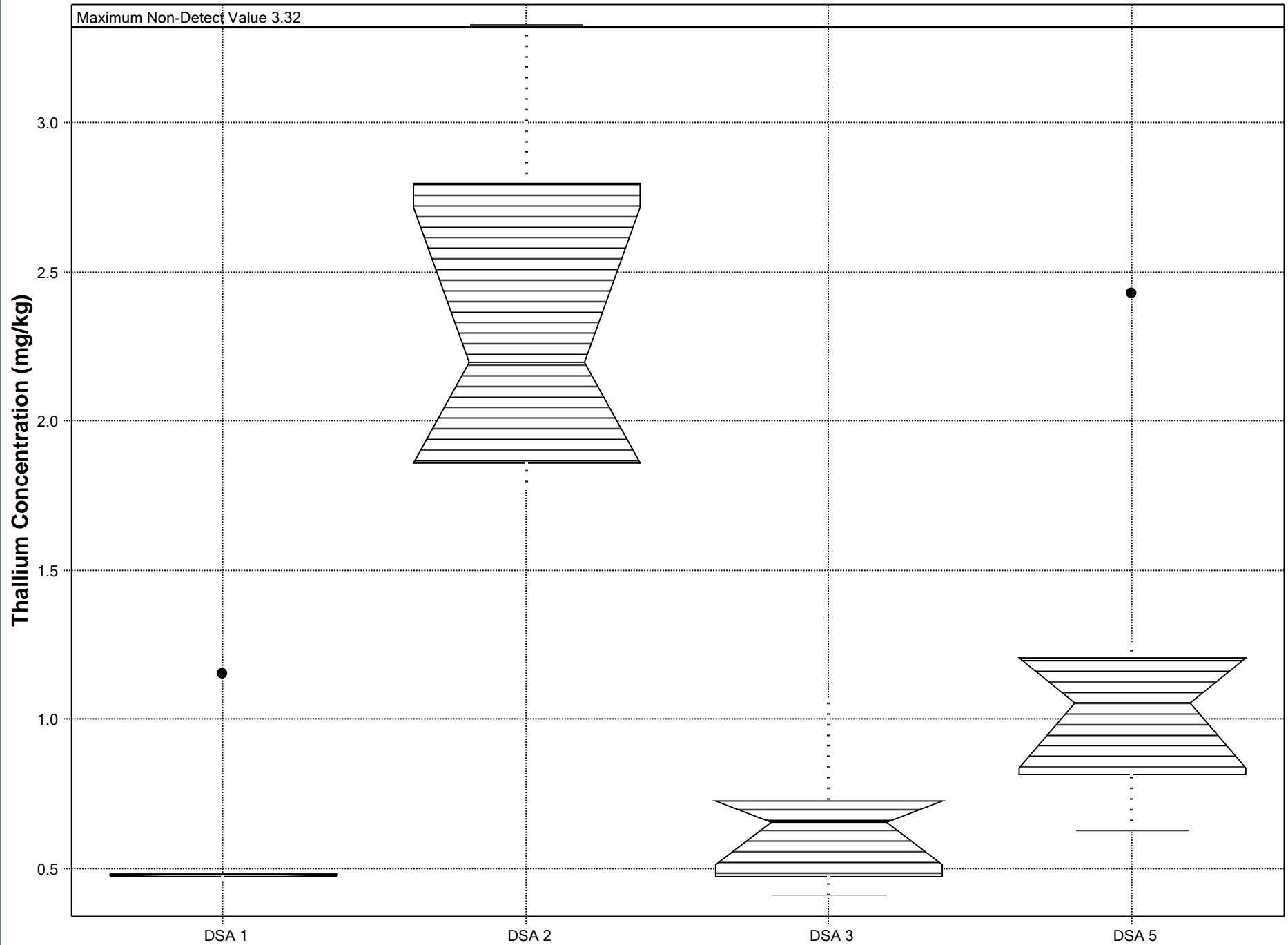
Box Plot for Silver



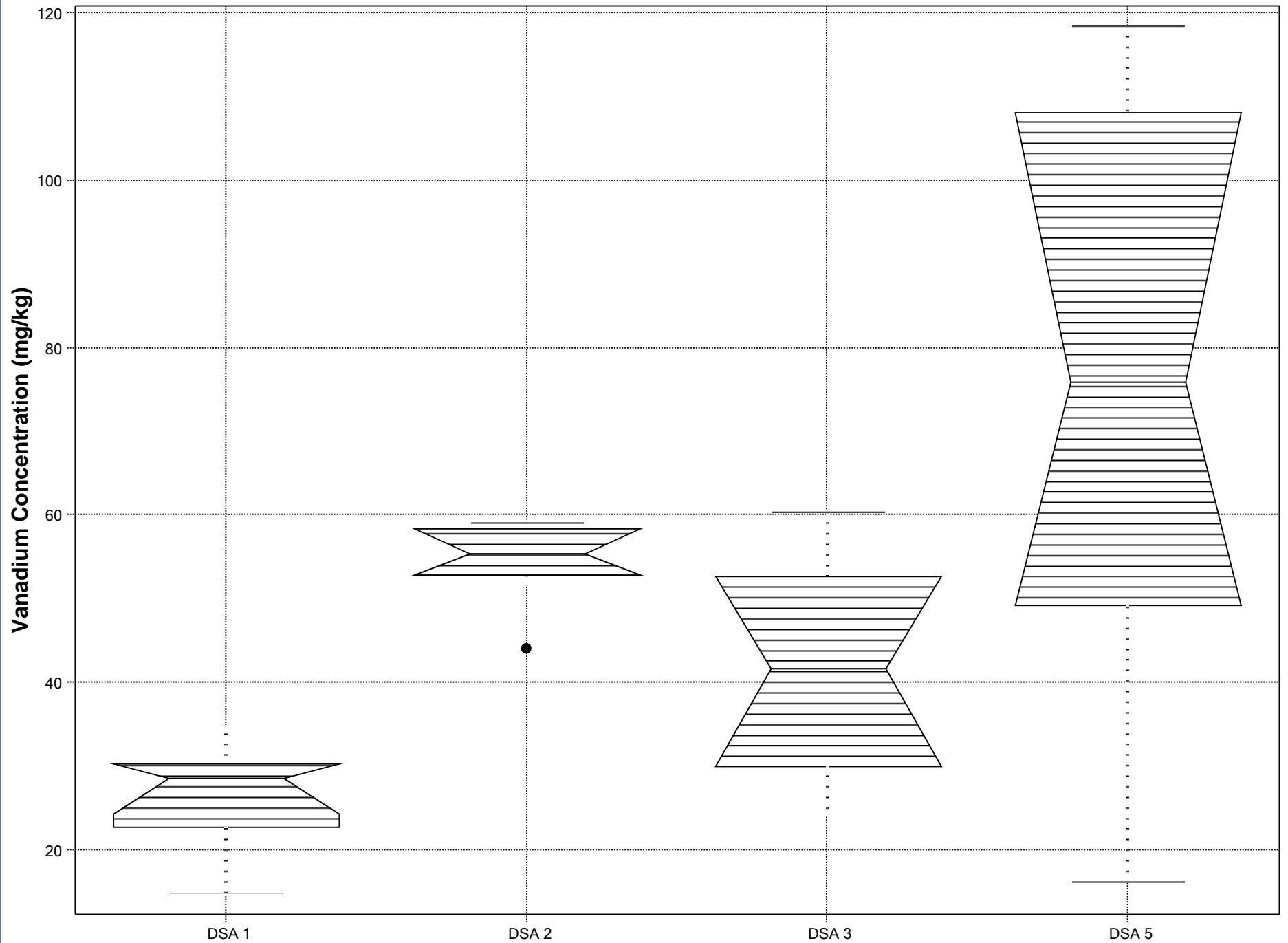
Box Plot for Sodium



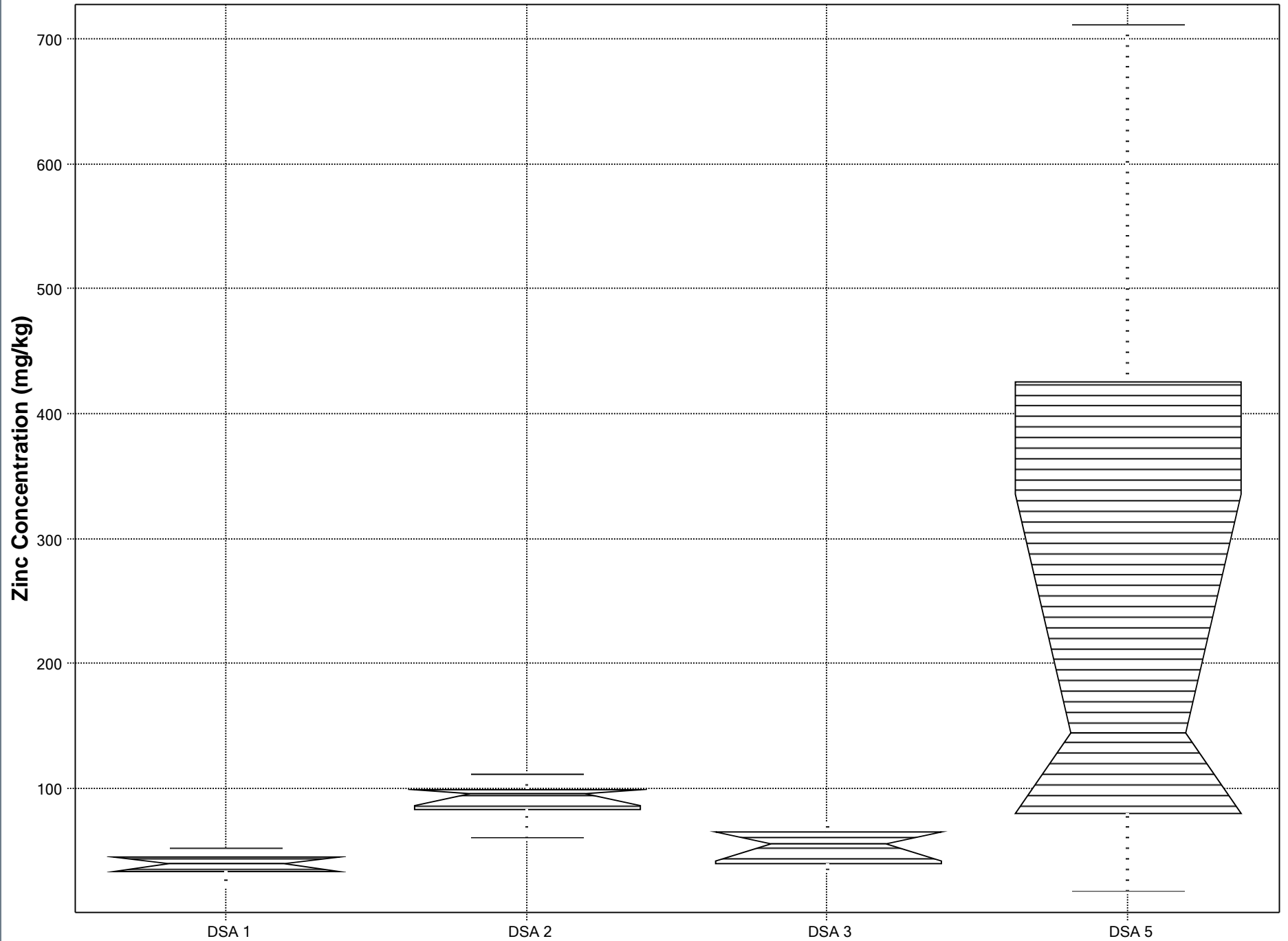
Box Plot for Thallium



Box Plot for Vanadium



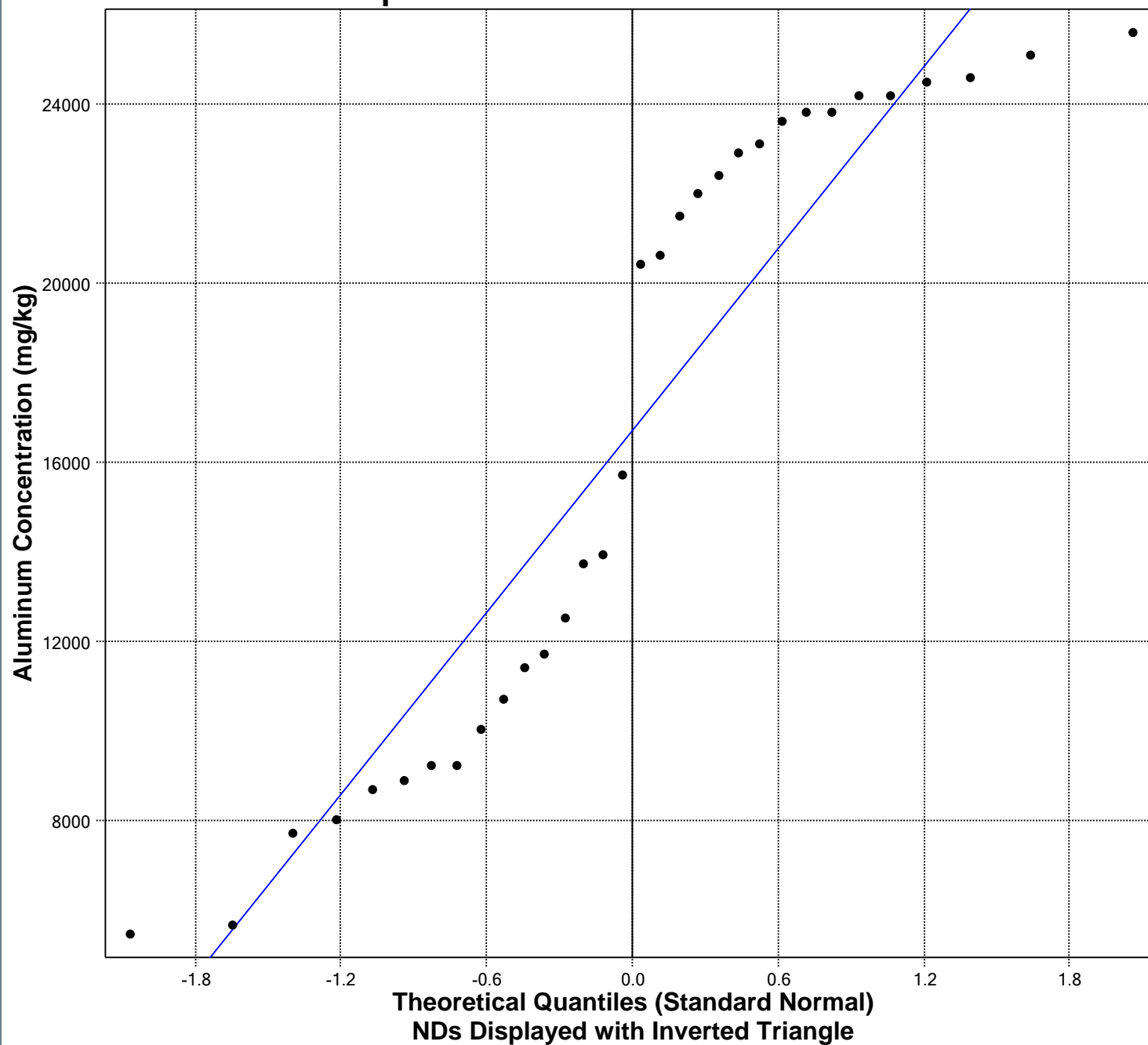
Box Plot for Zinc



Attachment A-4

Q-Q Plot for Aluminum Concentration (mg/kg)

Reported values used for nondetects

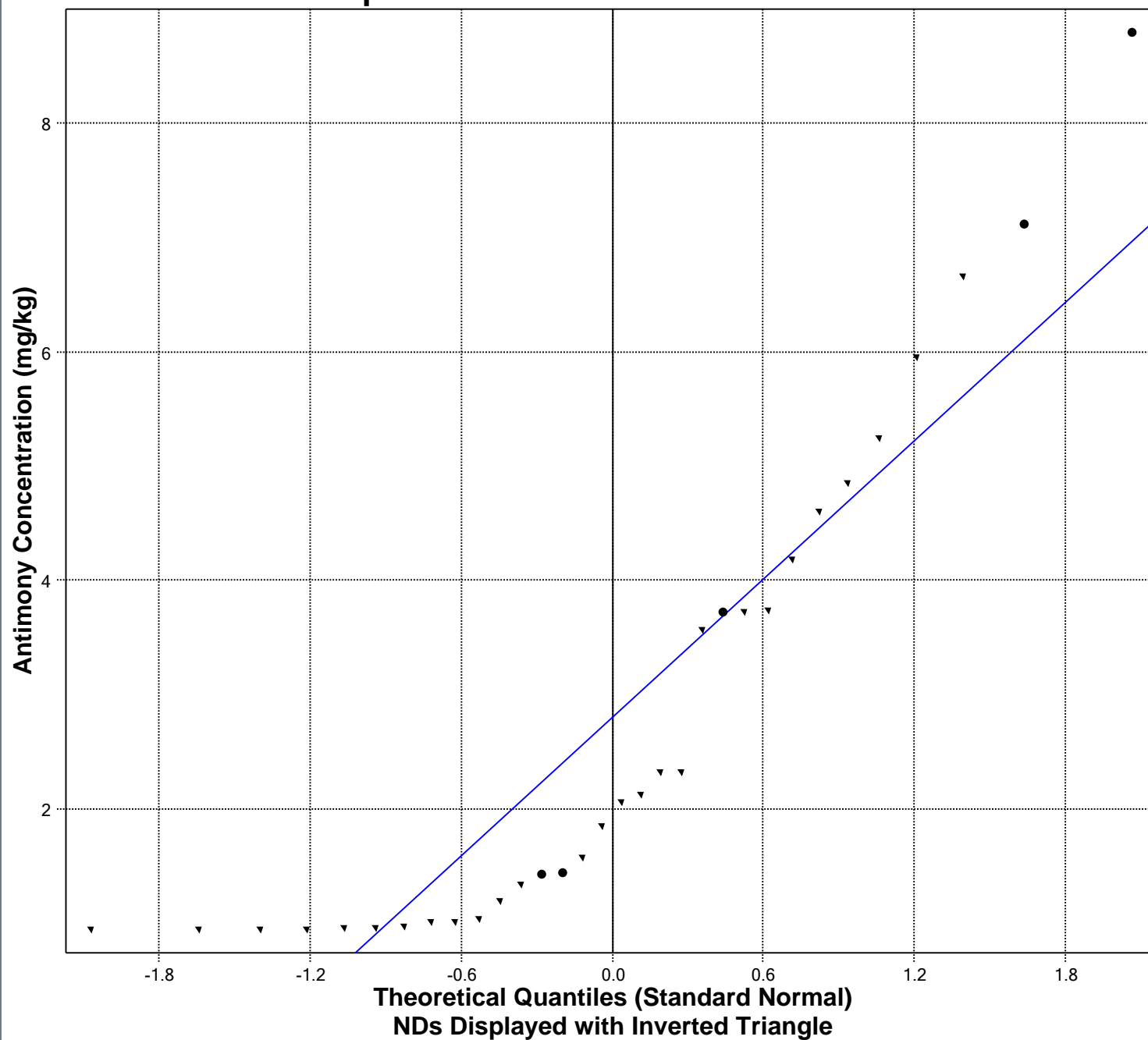


Aluminum Concentration (mg/kg)

Total Number of Data = 32
 Number of Non-Detects = 0
 Number of Detects = 32
 Detected Mean = 16704
 Detected Sd = 7051
 Slope (displayed data) = 6791
 Intercept (displayed data) = 16704
 Correlation, R = 0.938

☒ Best Fit Line

Q-Q Plot for Antimony Concentration (mg/kg) Reported values used for nondetects

**Antimony Concentration (mg/kg)**

Total Number of Data = 32

Number of Non-Detects = 27

Number of Detects = 5

Detected Mean = 4.494

Detected Sd = 3.343

Slope (displayed data) = 2.02

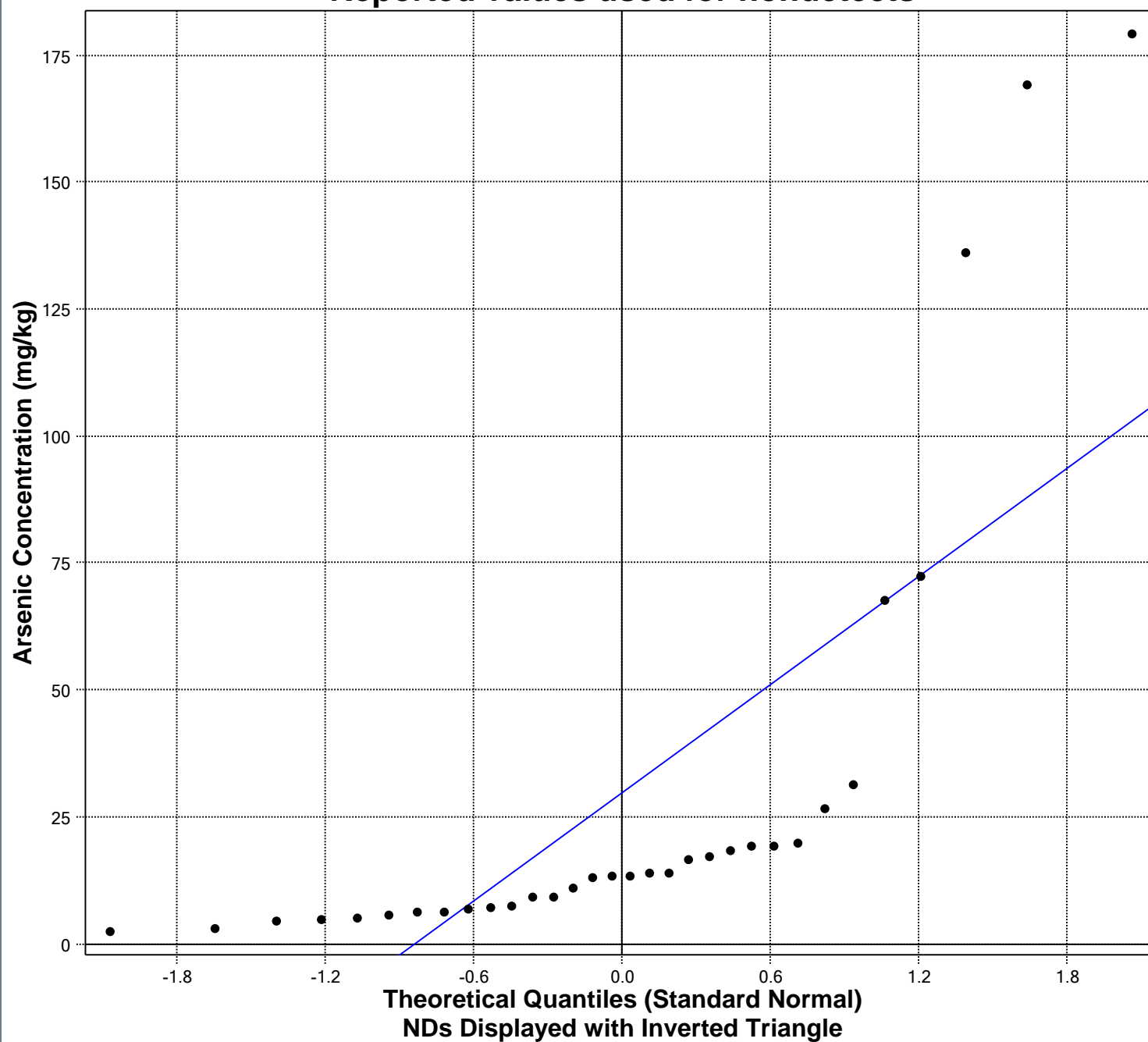
Intercept (displayed data) = 2.791

Correlation, R = 0.914

☒ Best Fit Line

Q-Q Plot for Arsenic Concentration (mg/kg)

Reported values used for nondetects



Arsenic Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 29.51

Detected Sd = 46.21

Slope (displayed data) = 35.56

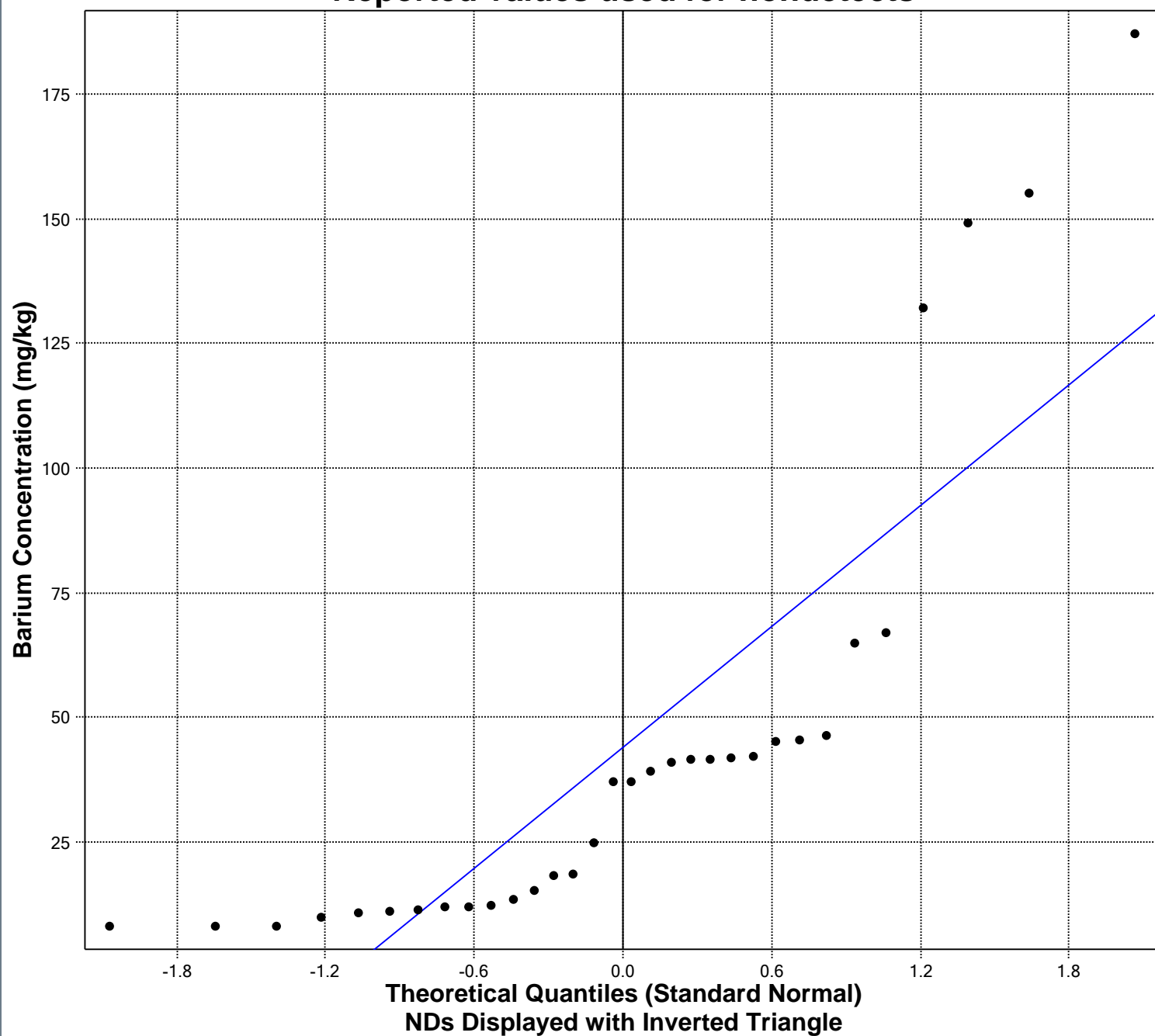
Intercept (displayed data) = 29.51

Correlation, R = 0.75

☒ Best Fit Line

Q-Q Plot for Barium Concentration (mg/kg)

Reported values used for nondetects



Barium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 43.9

Detected Sd = 46.68

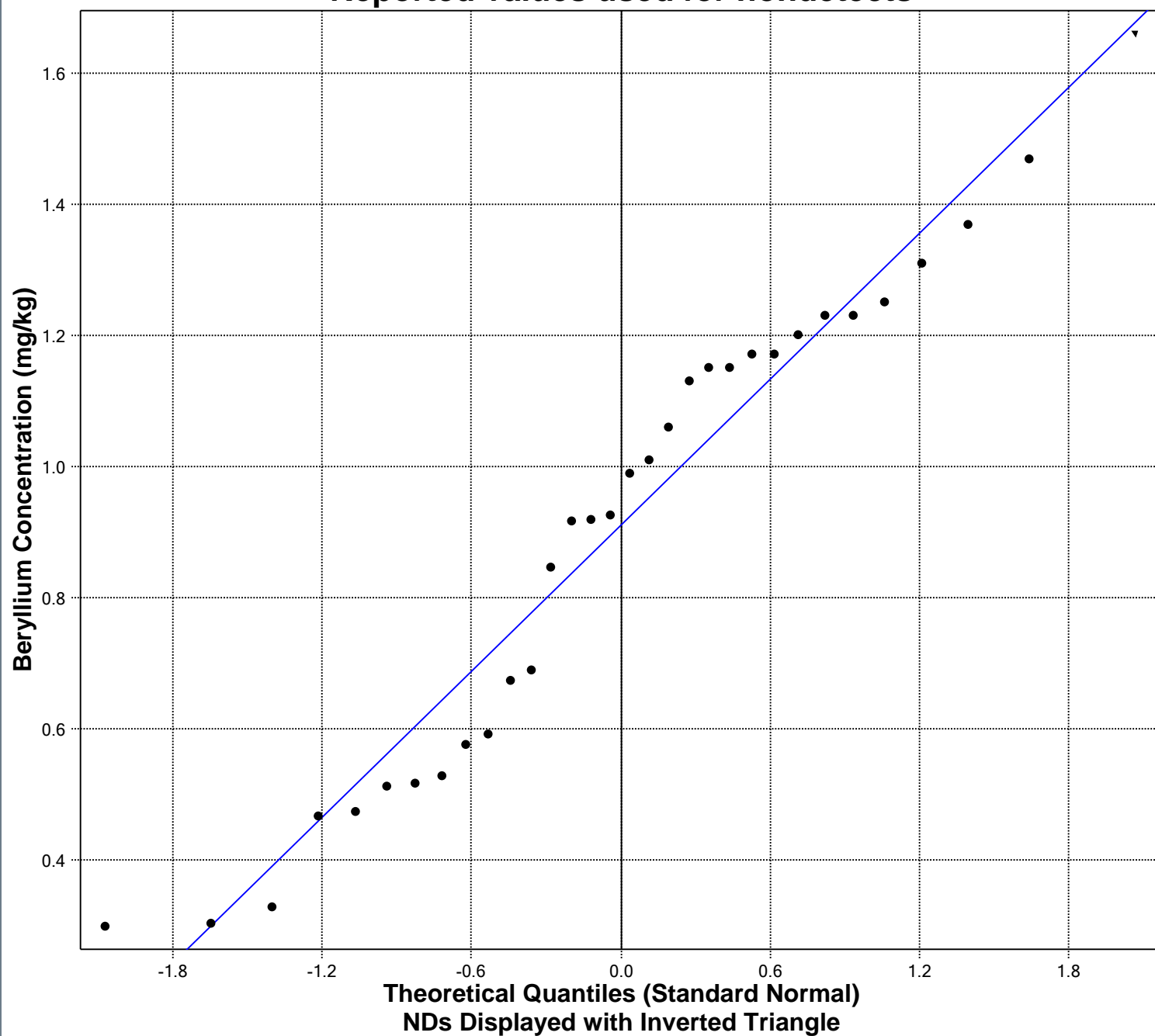
Slope (displayed data) = 40.47

Intercept (displayed data) = 43.9

Correlation, R = 0.845

☒ Best Fit Line

Q-Q Plot for Beryllium Concentration (mg/kg) Reported values used for nondetects

**Beryllium Concentration (mg/kg)**

Total Number of Data = 32

Number of Non-Detects = 1

Number of Detects = 31

Detected Mean = 0.885

Detected Sd = 0.349

Slope (displayed data) = 0.372

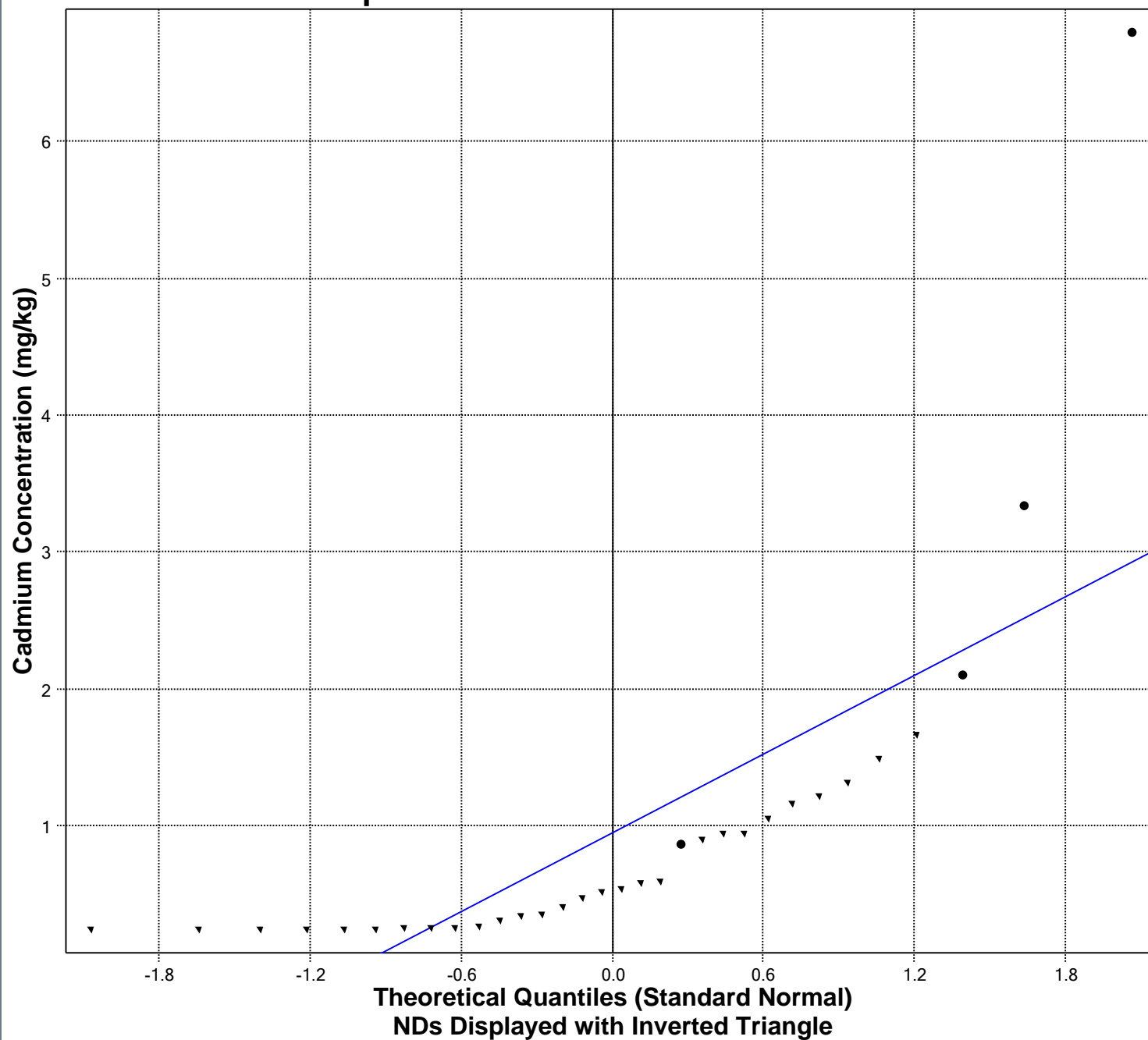
Intercept (displayed data) = 0.91

Correlation, R = 0.98

☒ Best Fit Line

Q-Q Plot for Cadmium Concentration (mg/kg)

Reported values used for nondetects



Cadmium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 28

Number of Detects = 4

Detected Mean = 3.266

Detected Sd = 2.558

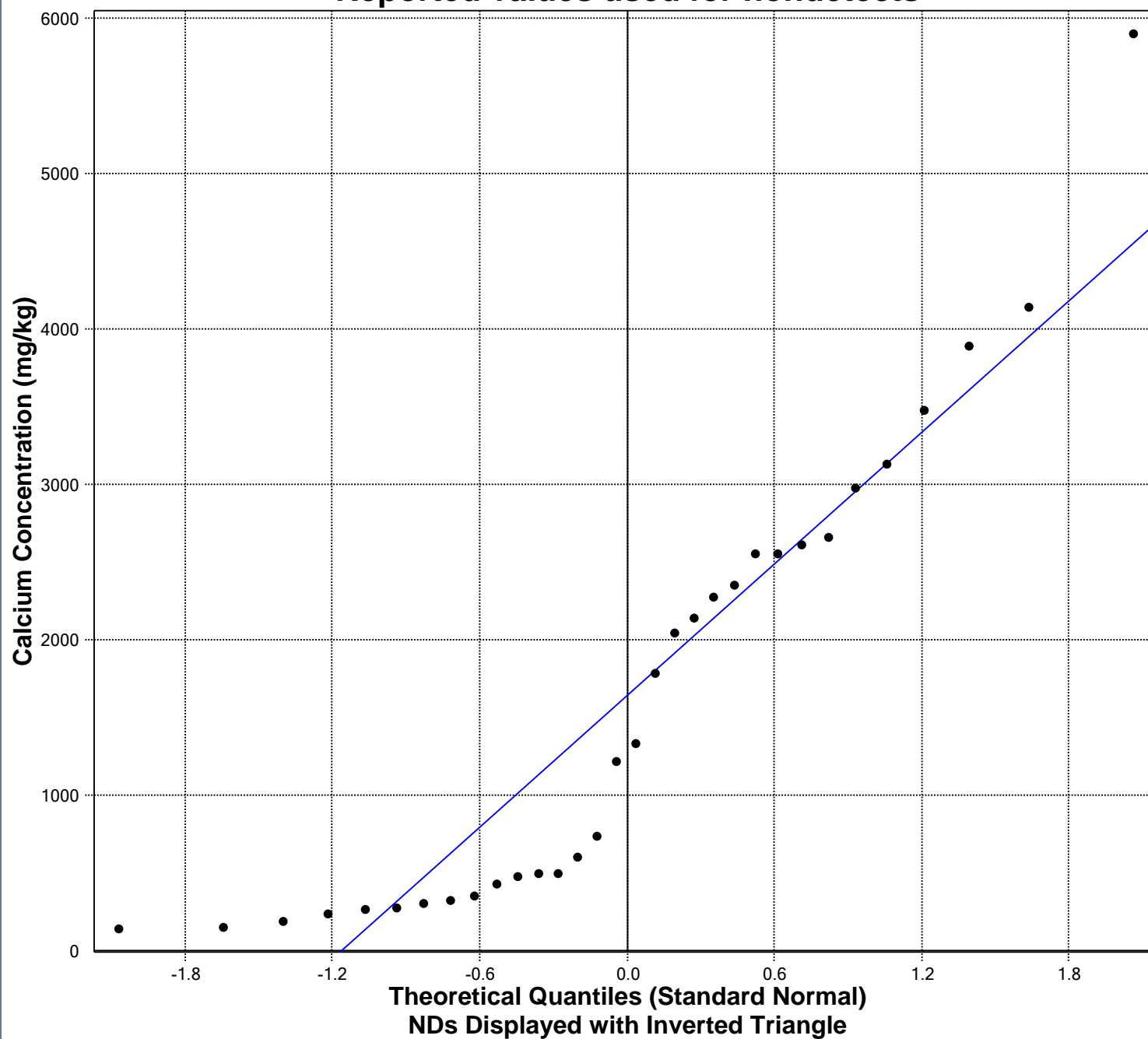
Slope (displayed data) = 0.96

Intercept (displayed data) = 0.941

Correlation, R = 0.74

☒ Best Fit Line

Q-Q Plot for Calcium Concentration (mg/kg) Reported values used for nondetects



Calcium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 1637

Detected Sd = 1467

Slope (displayed data) = 1410

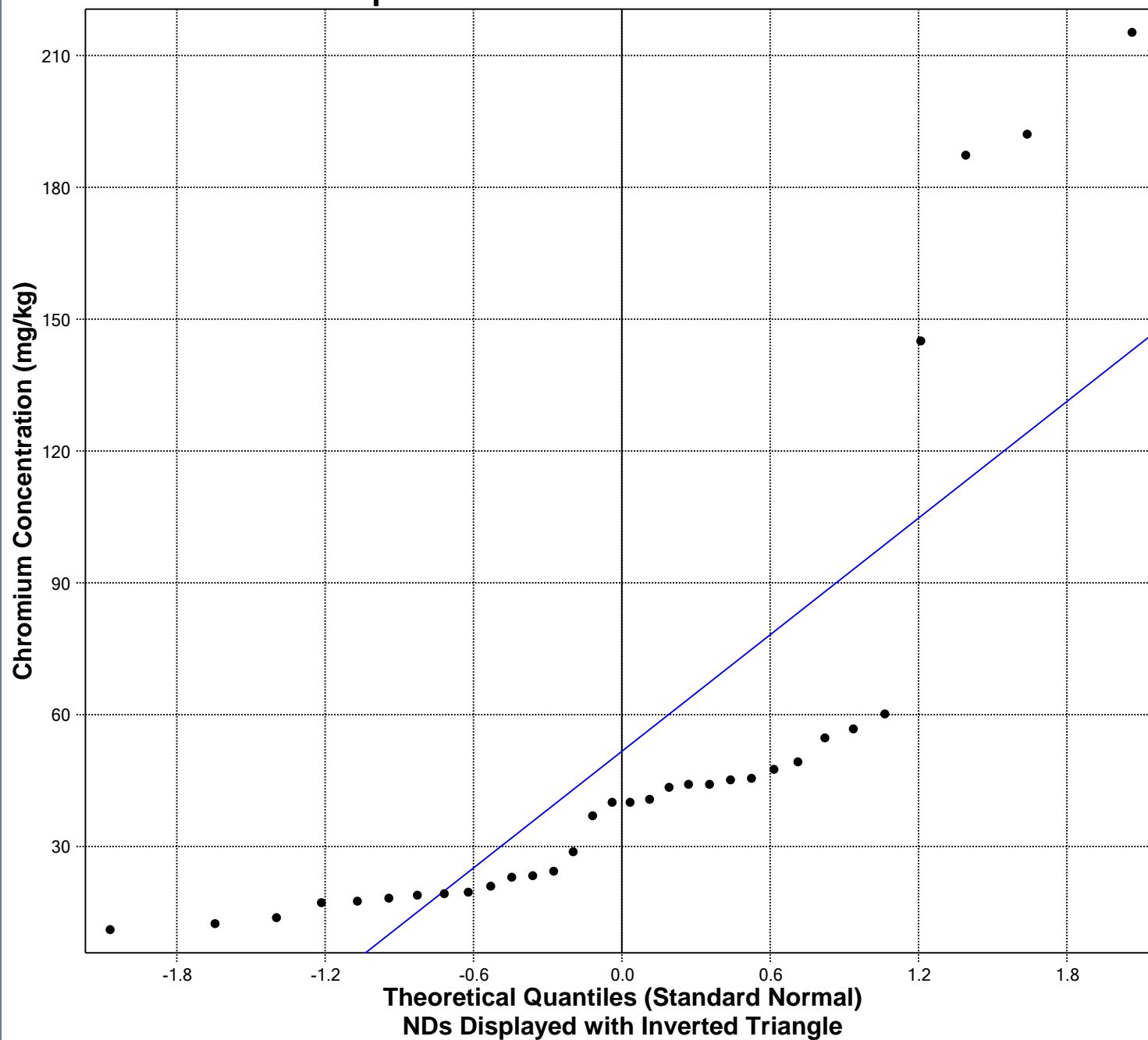
Intercept (displayed data)= 1637

Correlation, R = 0.936

☒ Best Fit Line

Q-Q Plot for Chromium Concentration (mg/kg)

Reported values used for nondetects



Chromium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 51.67

Detected Sd = 53.75

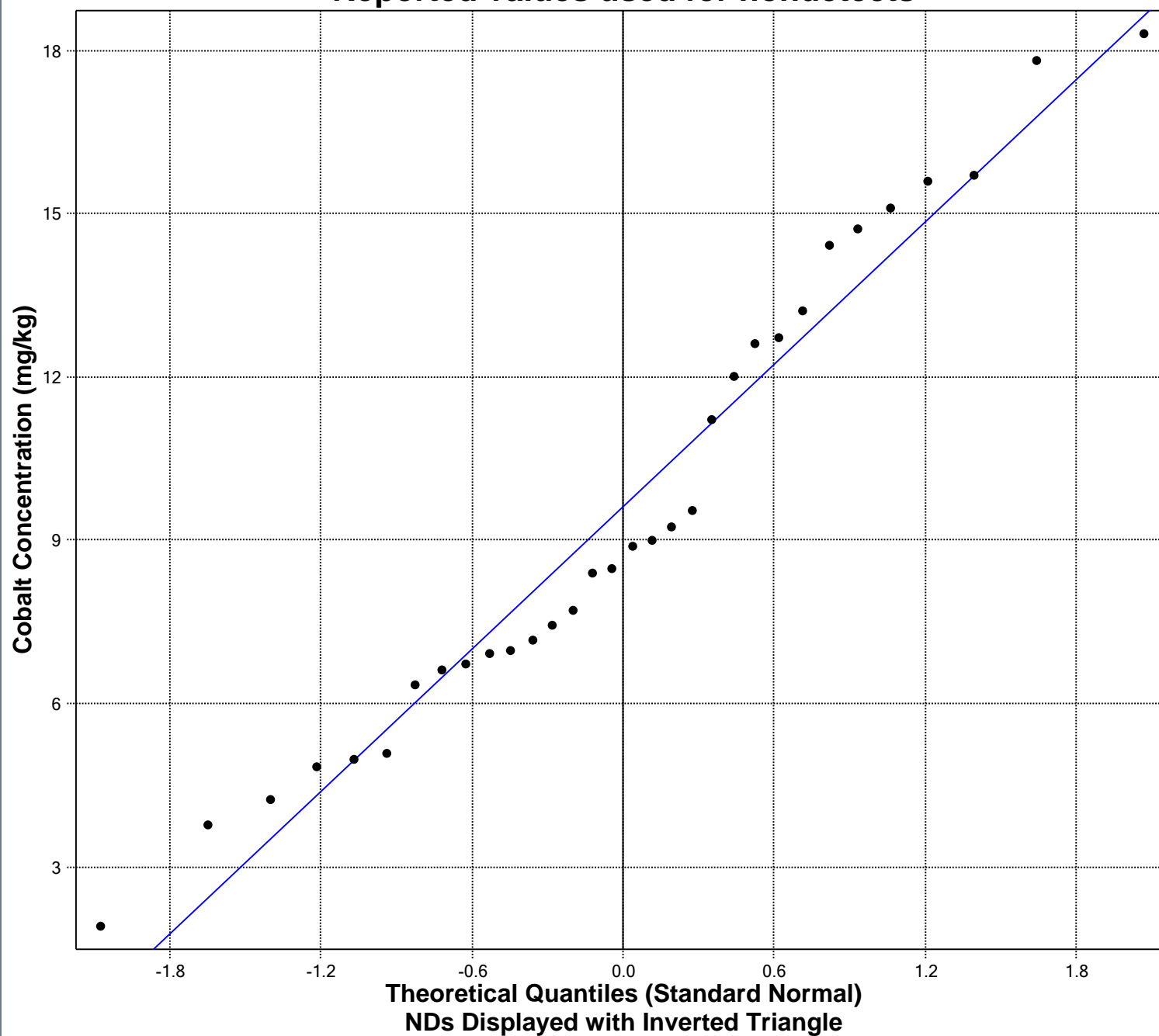
Slope (displayed data) = 44.26

Intercept (displayed data) = 51.67

Correlation, R = 0.802

☒ Best Fit Line

Q-Q Plot for Cobalt Concentration (mg/kg) Reported values used for nondetects



Cobalt Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 9.6

Detected Sd = 4.339

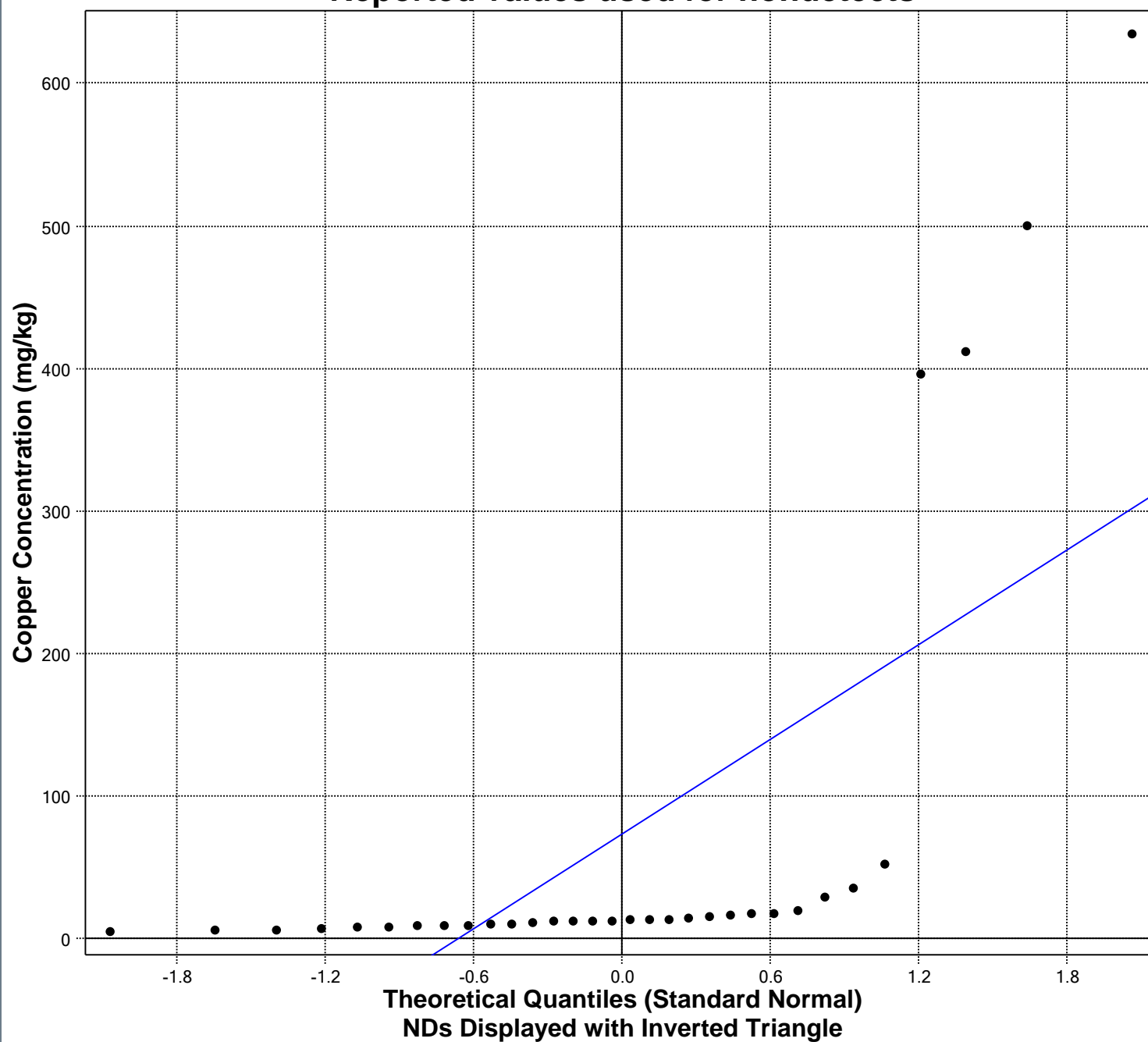
Slope (displayed data) = 4.375

Intercept (displayed data) = 9.6

Correlation, R = 0.982

☒ Best Fit Line

Q-Q Plot for Copper Concentration (mg/kg) Reported values used for nondetects



Copper Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 73.14

Detected Sd = 162.1

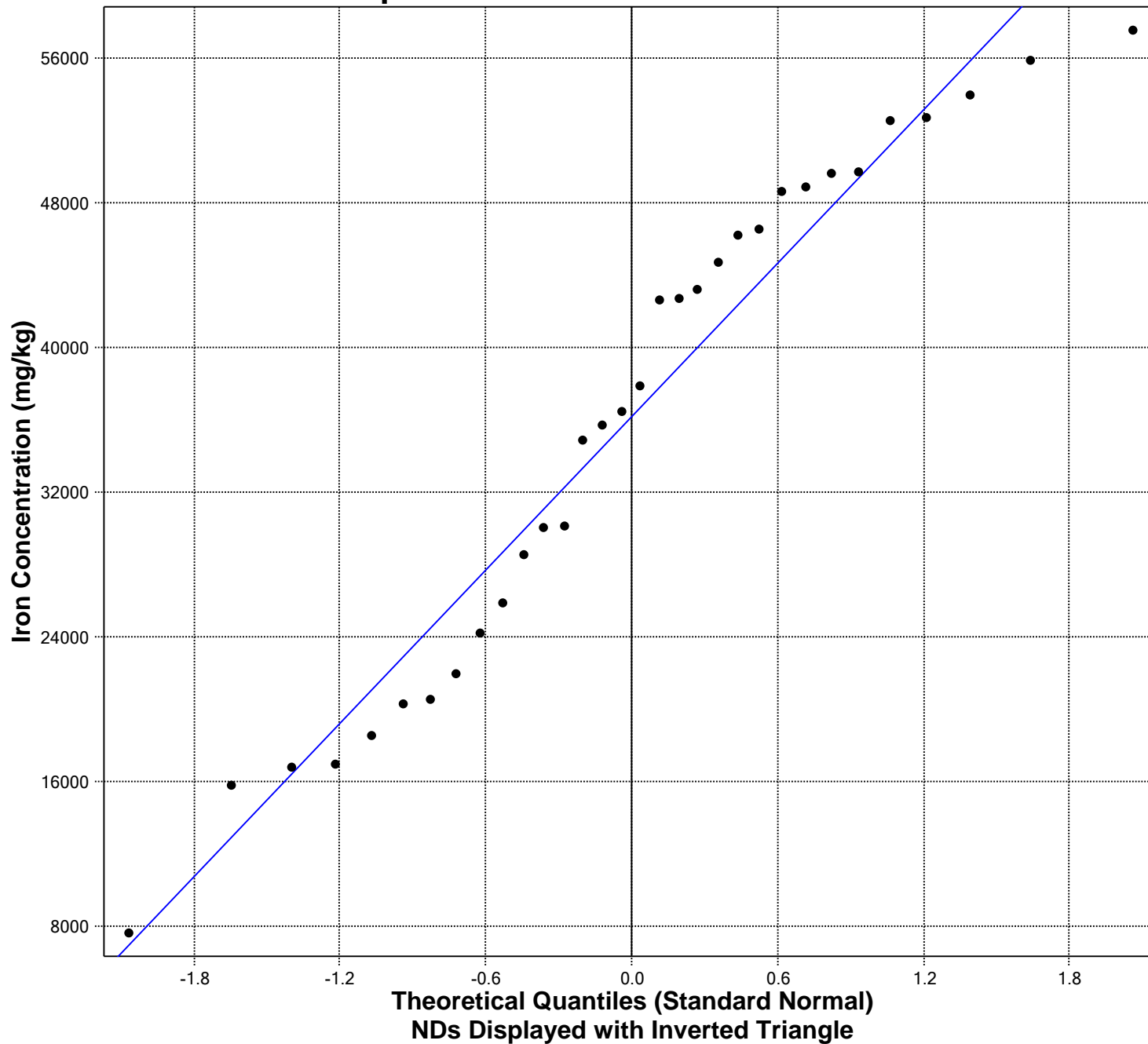
Slope (displayed data) = 110.8

Intercept (displayed data) = 73.14

Correlation, R = 0.666

☒ Best Fit Line

Q-Q Plot for Iron Concentration (mg/kg) Reported values used for nondetects



Iron Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 36133

Detected Sd = 14118

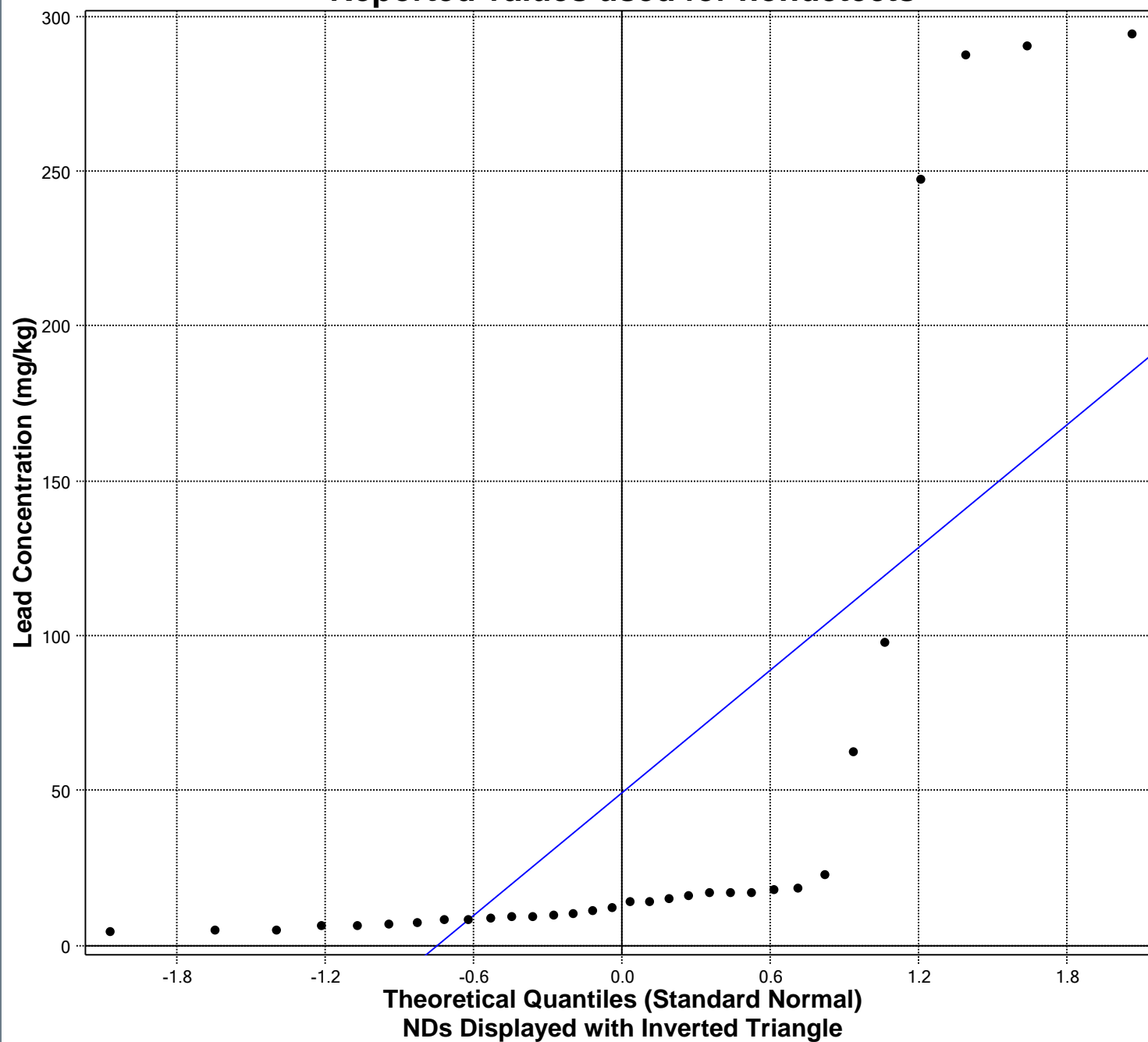
Slope (displayed data) = 14165

Intercept (displayed data) = 36133

Correlation, R = 0.977

☒ Best Fit Line

Q-Q Plot for Lead Concentration (mg/kg) Reported values used for nondetects

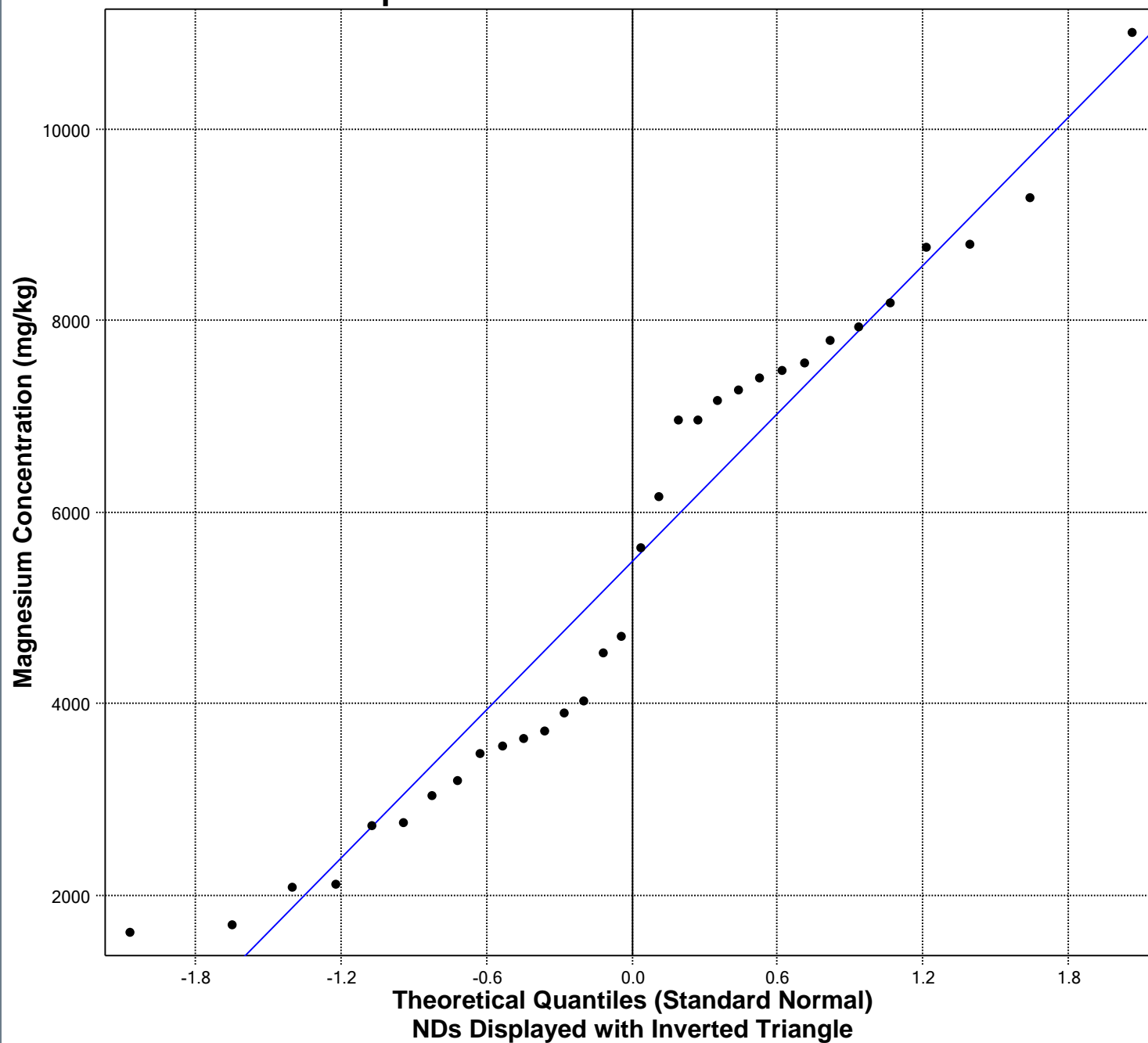


Lead Concentration (mg/kg)
Total Number of Data = 32
Number of Non-Detects = 0
Number of Detects = 32
Detected Mean = 49.05
Detected Sd = 90.57
Slope (displayed data) = 66.08
Intercept (displayed data) = 49.05
Correlation, R = 0.711

☒ Best Fit Line

Q-Q Plot for Magnesium Concentration (mg/kg)

Reported values used for nondetects



Magnesium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 5463

Detected Sd = 2586

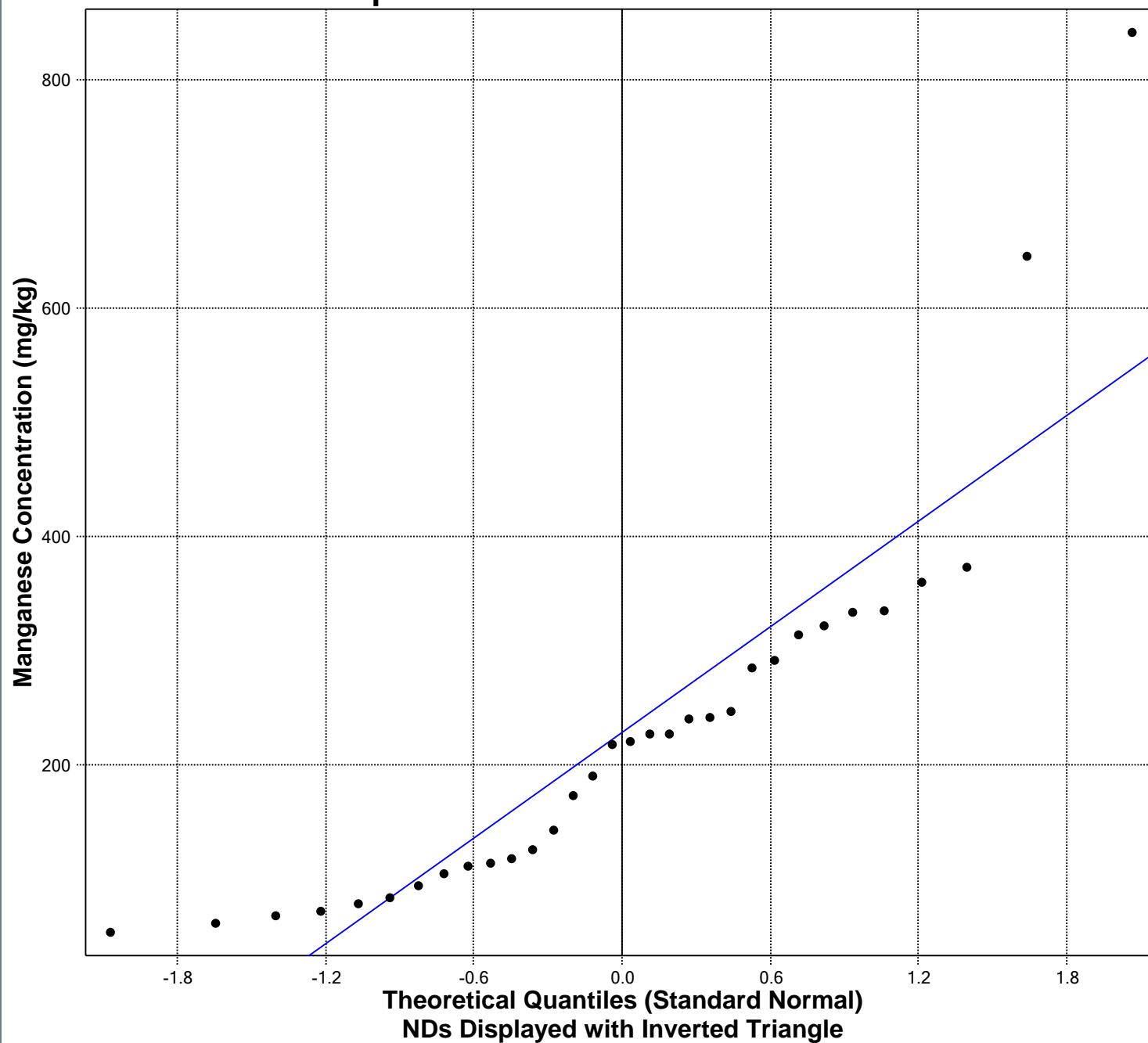
Slope (displayed data) = 2586

Intercept (displayed data) = 5463

Correlation, R = 0.974

☒ Best Fit Line

Q-Q Plot for Manganese Concentration (mg/kg) Reported values used for nondetects



Manganese Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 228.1

Detected Sd = 168.6

Slope (displayed data) = 154.6

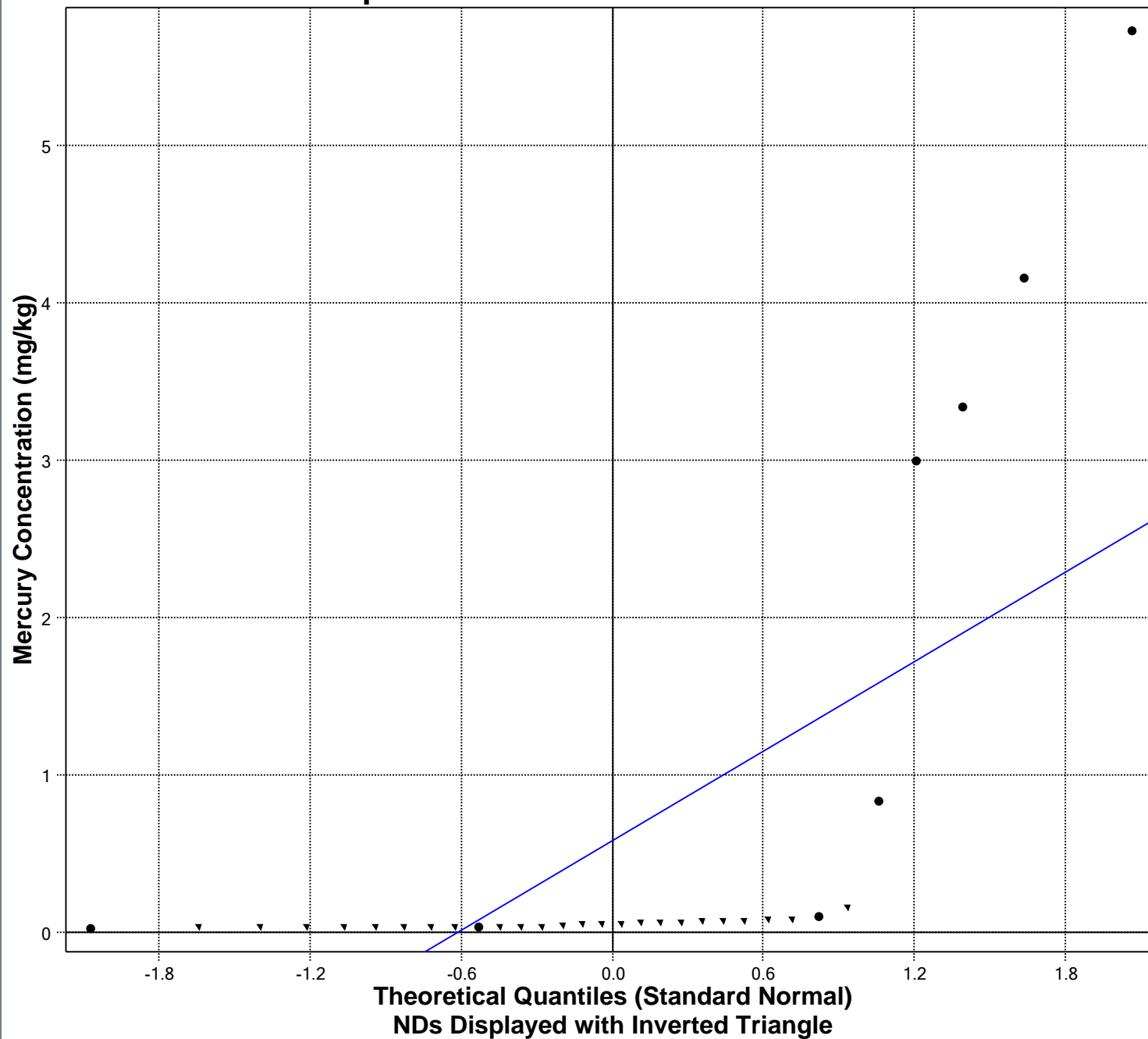
Intercept (displayed data)= 228.1

Correlation, R = 0.894

☒ Best Fit Line

Q-Q Plot for Mercury Concentration (mg/kg)

Reported values used for nondetects



Mercury Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 24

Number of Detects = 8

Detected Mean = 2.146

Detected Sd = 2.198

Slope (displayed data) = 0.948

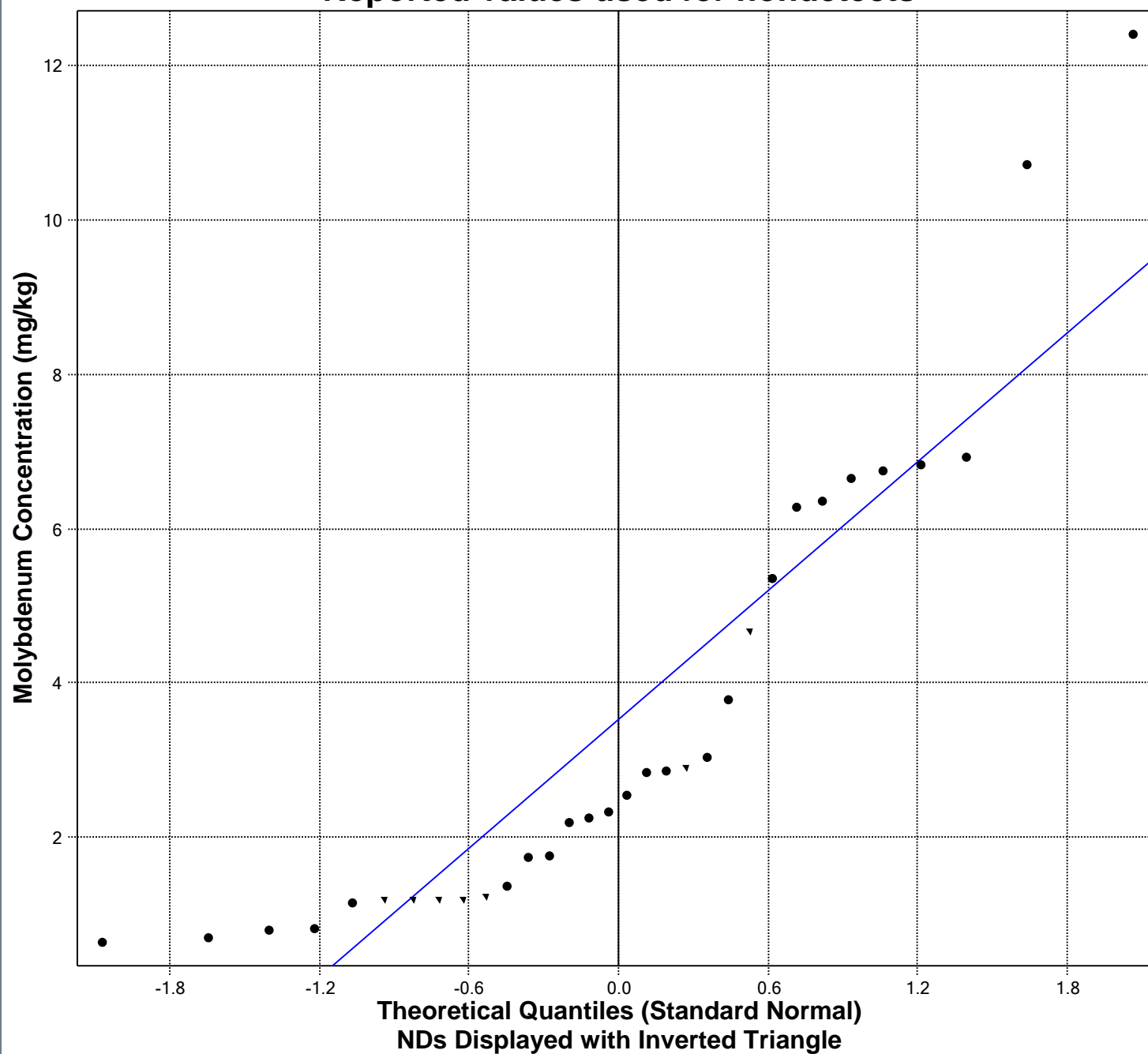
Intercept (displayed data) = 0.575

Correlation, R = 0.663

☒ Best Fit Line

Q-Q Plot for Molybdenum Concentration (mg/kg)

Reported values used for nondetects



Molybdenum Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 7

Number of Detects = 25

Detected Mean = 3.951

Detected Sd = 3.176

Slope (displayed data) = 2.79

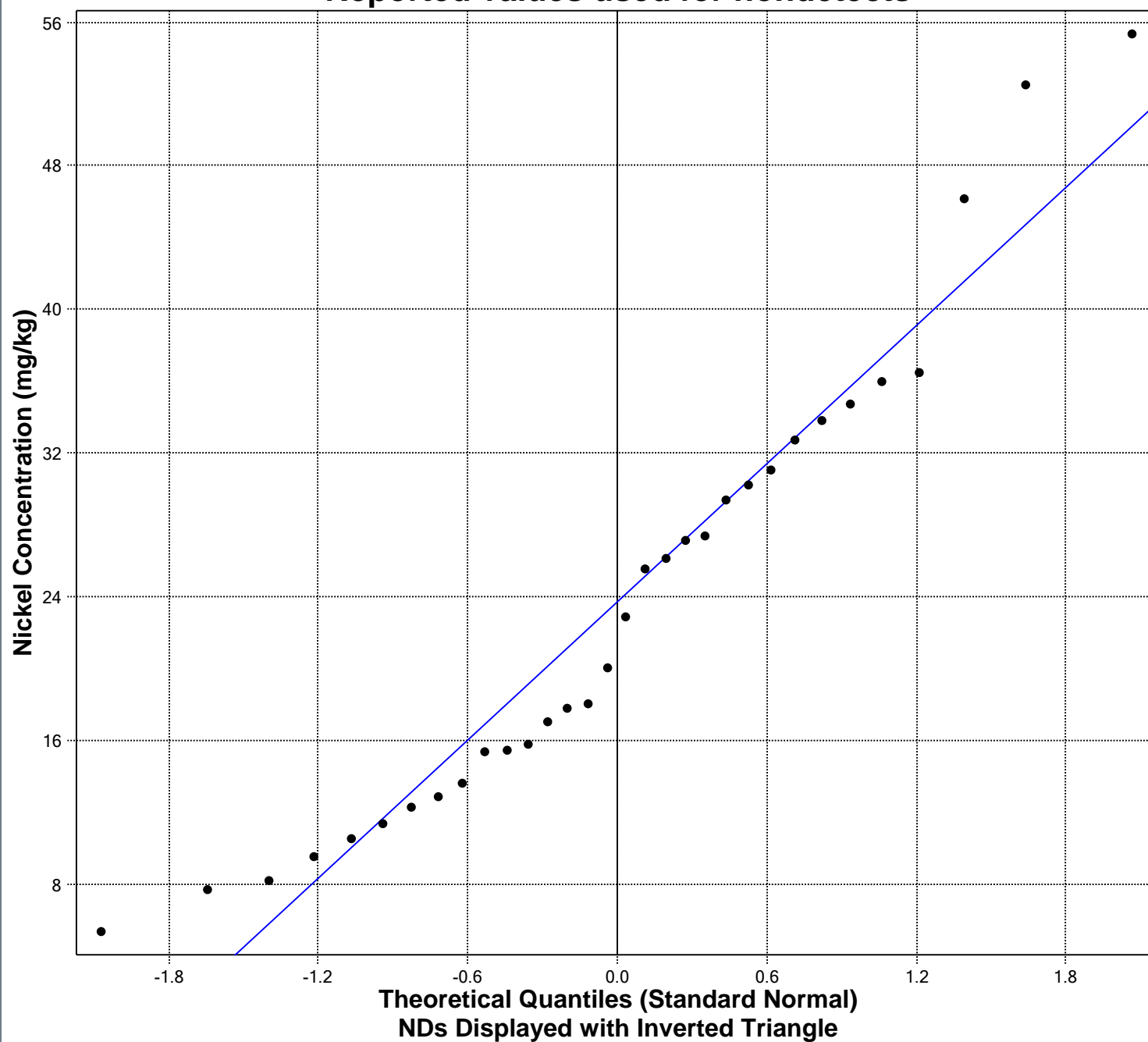
Intercept (displayed data) = 3.507

Correlation, R = 0.911

☒ Best Fit Line

Q-Q Plot for Nickel Concentration (mg/kg)

Reported values used for nondetects



Nickel Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 23.65

Detected Sd = 12.9

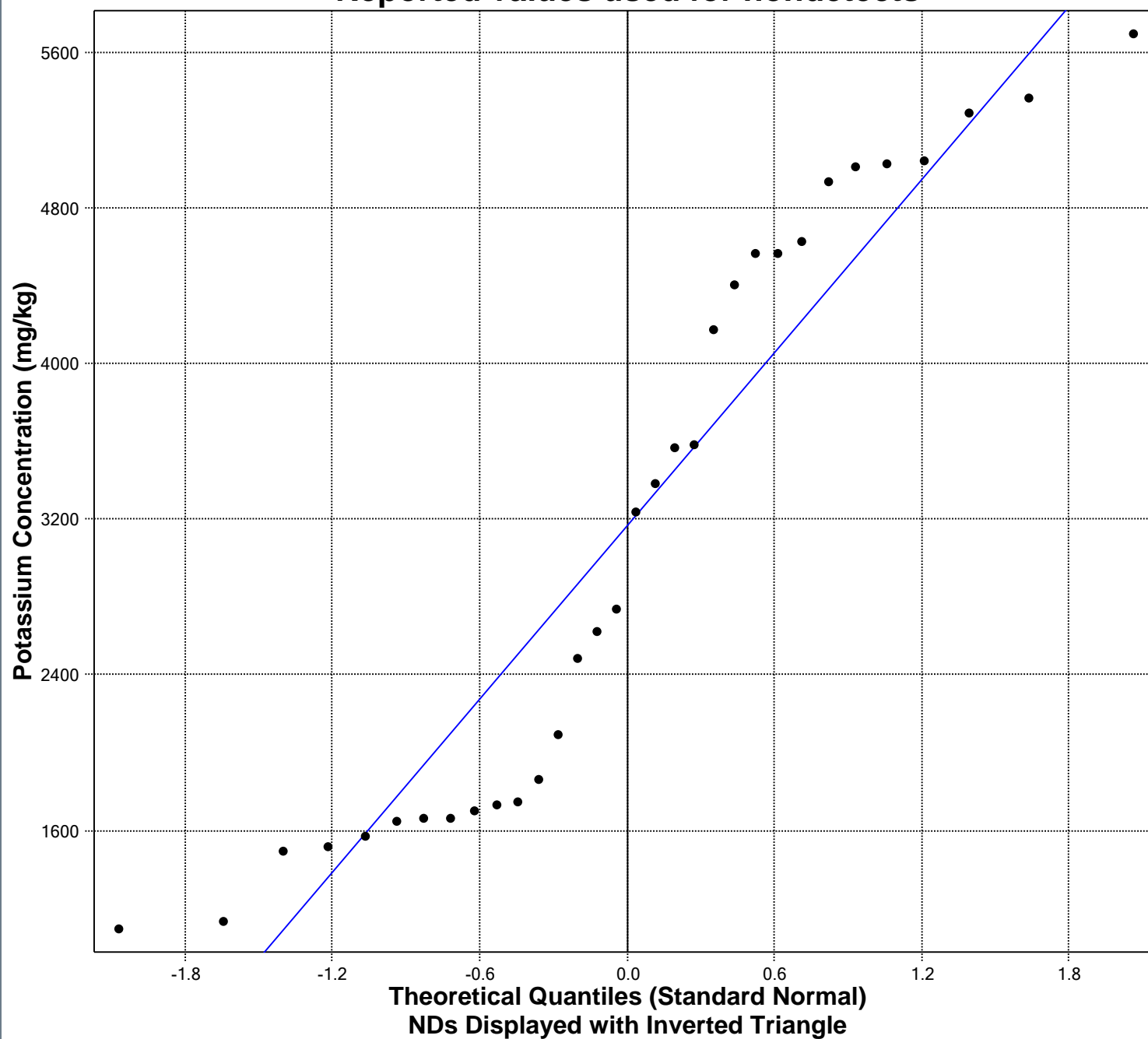
Slope (displayed data) = 12.85

Intercept (displayed data) = 23.65

Correlation, R = 0.971

Q-Q Plot for Potassium Concentration (mg/kg)

Reported values used for nondetects



Potassium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 3159

Detected Sd = 1519

Slope (displayed data) = 1485

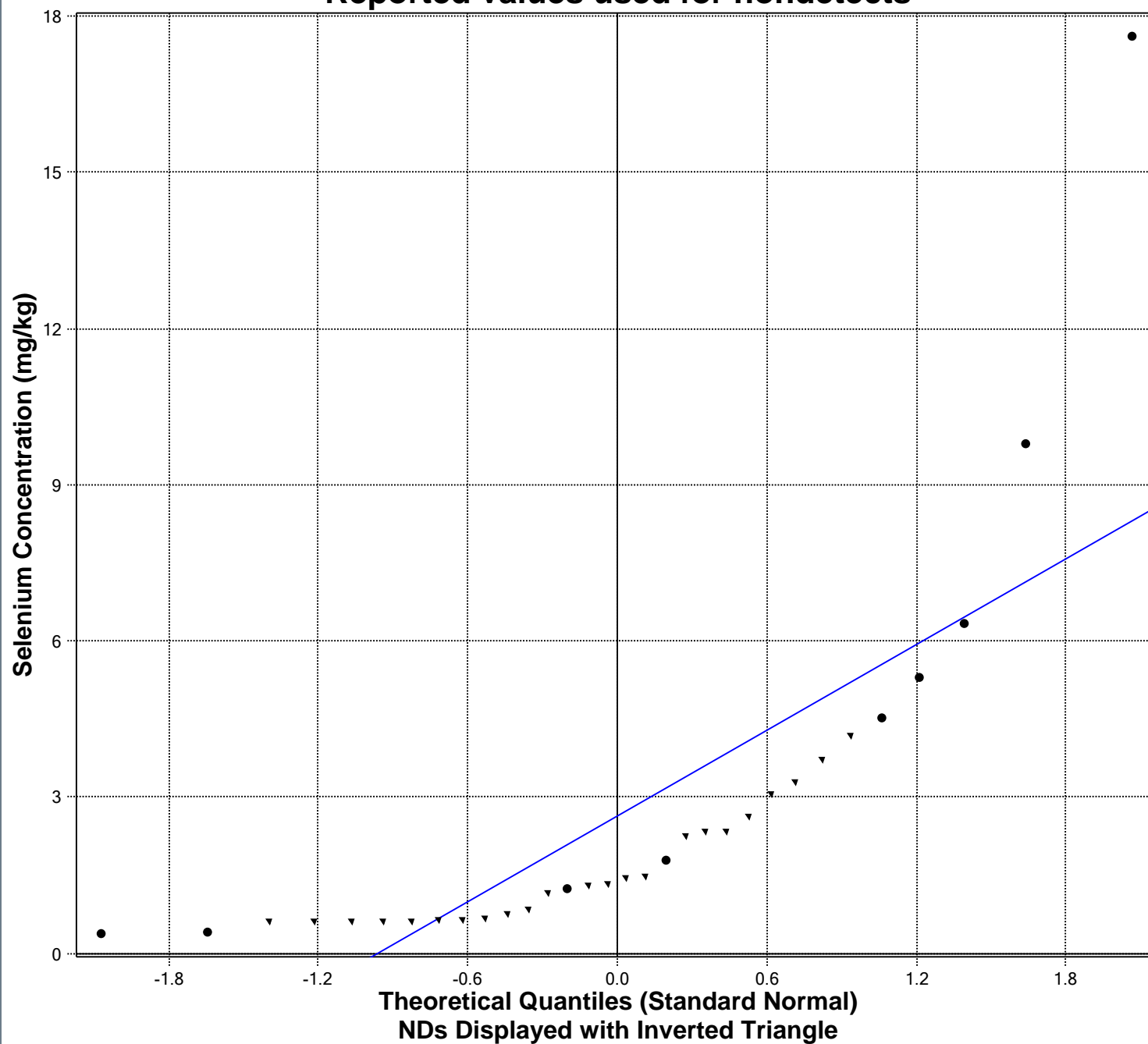
Intercept (displayed data) = 3159

Correlation, R = 0.952

Best Fit Line

Q-Q Plot for Selenium Concentration (mg/kg)

Reported values used for nondetects



Selenium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 23

Number of Detects = 9

Detected Mean = 5.251

Detected Sd = 5.594

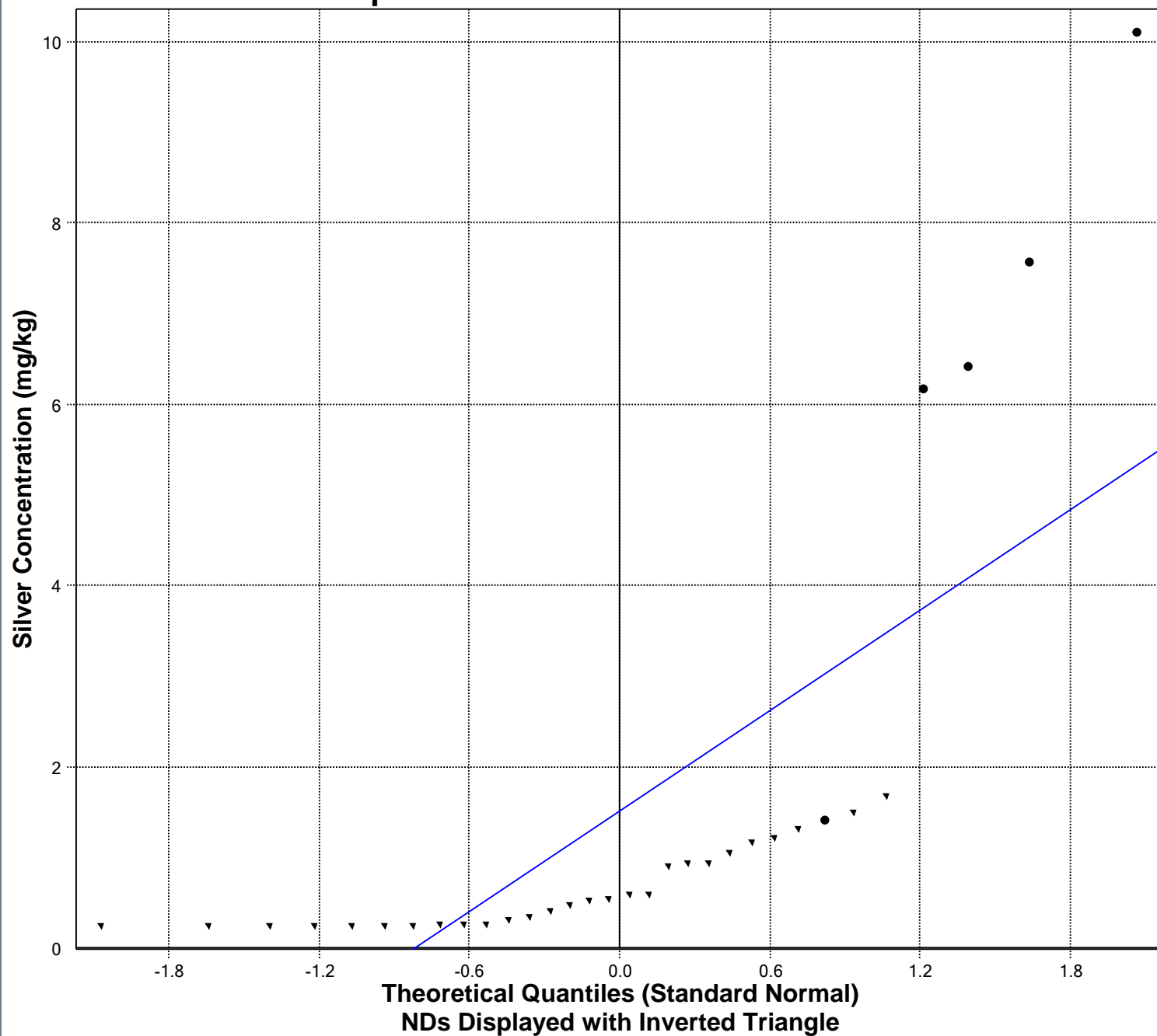
Slope (displayed data) = 2.749

Intercept (displayed data) = 2.624

Correlation, R = 0.781

☒ Best Fit Line

Q-Q Plot for Silver Concentration (mg/kg) Reported values used for nondetects



Silver Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 27

Number of Detects = 5

Detected Mean = 6.326

Detected Sd = 3.165

Slope (displayed data) = 1.852

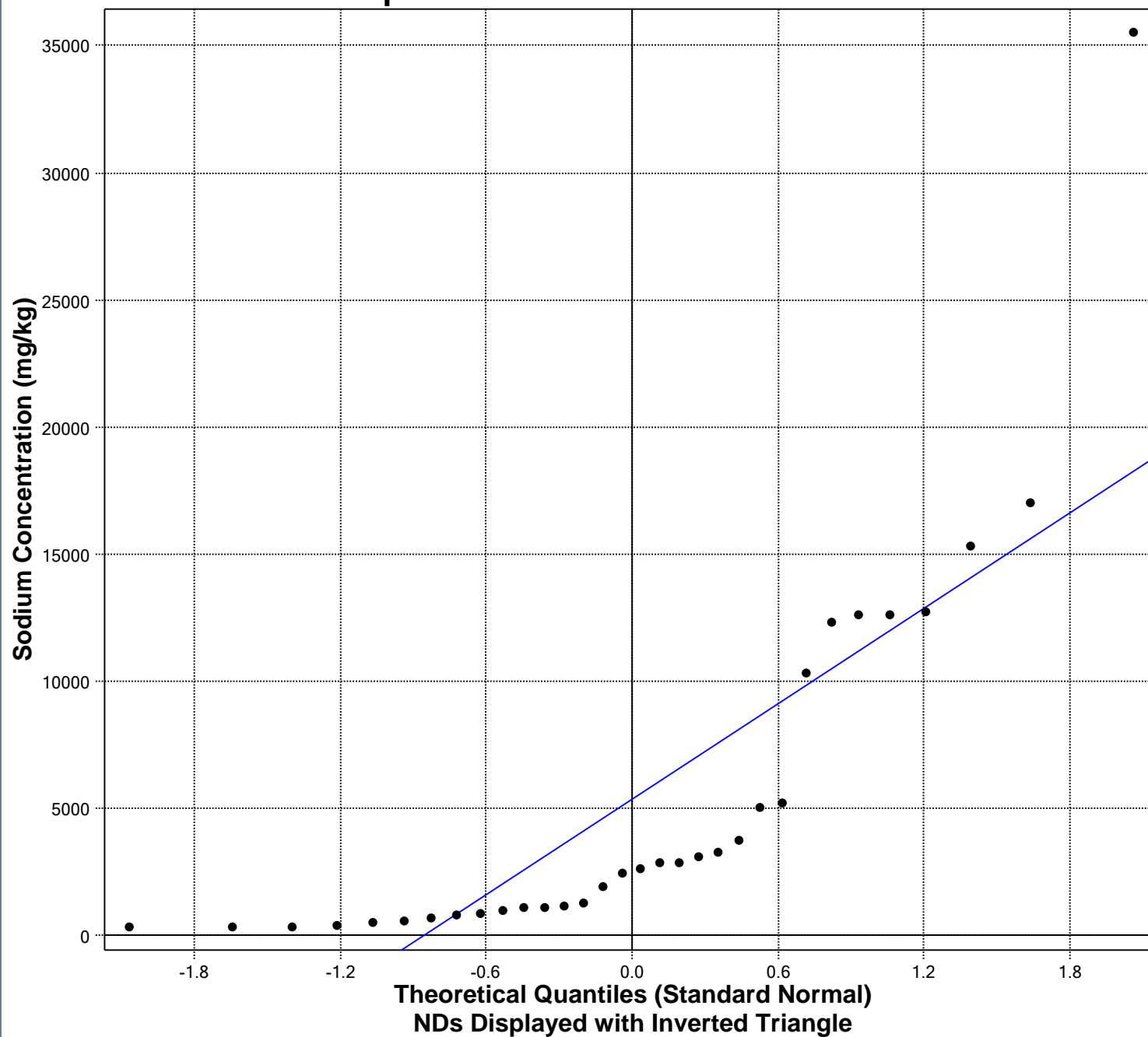
Intercept (displayed data) = 1.51

Correlation, R = 0.743

☒ Best Fit Line

Q-Q Plot for Sodium Concentration (mg/kg)

Reported values used for nondetects



Sodium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 5355

Detected Sd = 7469

Slope (displayed data) = 6266

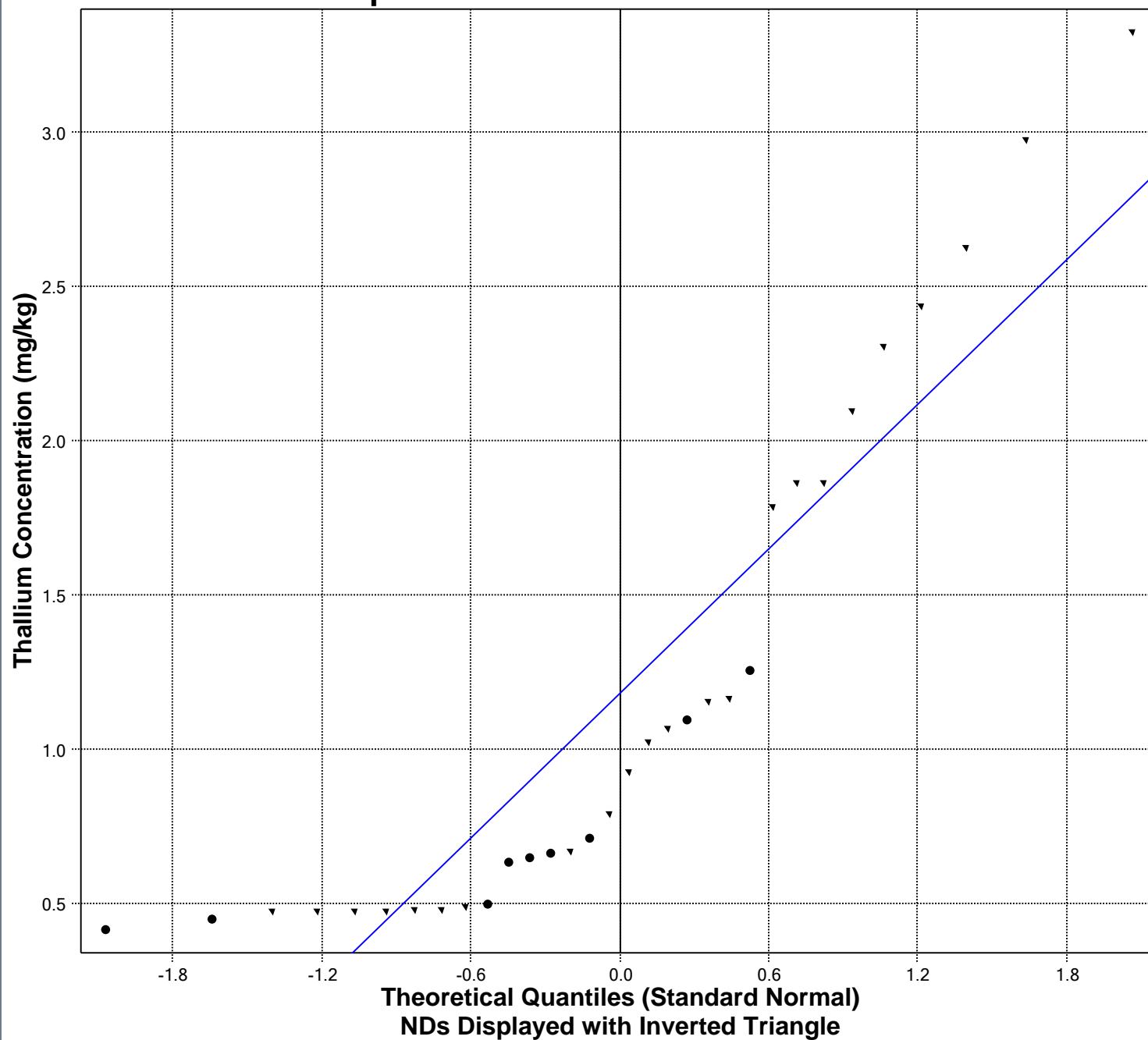
Intercept (displayed data) = 5355

Correlation, R = 0.817

☒ Best Fit Line

Q-Q Plot for Thallium Concentration (mg/kg)

Reported values used for nondetects



Thallium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 23

Number of Detects = 9

Detected Mean = 0.704

Detected Sd = 0.286

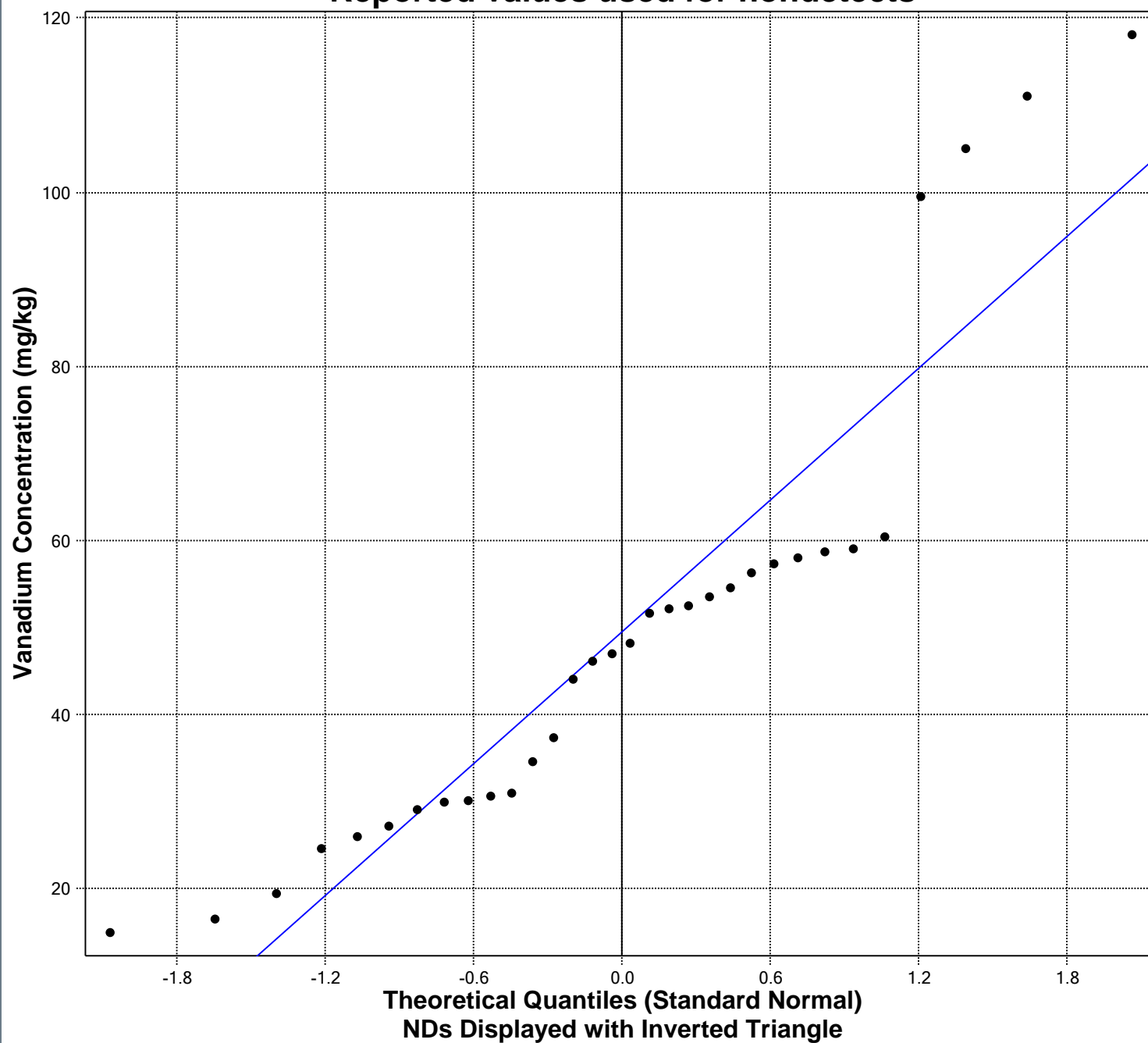
Slope (displayed data) = 0.782

Intercept (displayed data) = 1.176

Correlation, R = 0.914

☒ Best Fit Line

Q-Q Plot for Vanadium Concentration (mg/kg) Reported values used for nondetects



Vanadium Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 49.45

Detected Sd = 26.49

Slope (displayed data) = 25.28

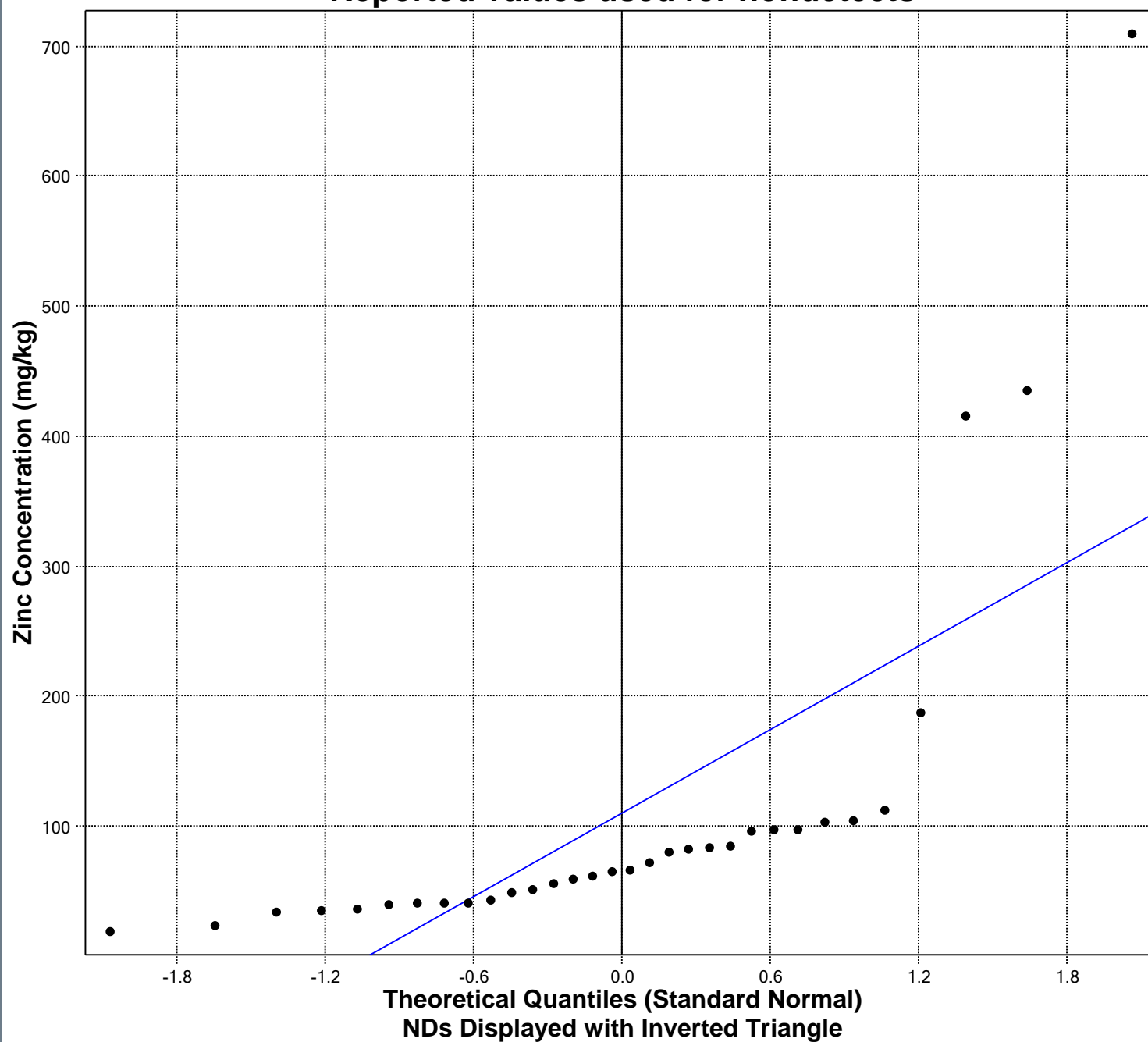
Intercept (displayed data) = 49.45

Correlation, R = 0.929

☒ Best Fit Line

Q-Q Plot for Zinc Concentration (mg/kg)

Reported values used for nondetects



Zinc Concentration (mg/kg)

Total Number of Data = 32

Number of Non-Detects = 0

Number of Detects = 32

Detected Mean = 109.2

Detected Sd = 144.3

Slope (displayed data) = 107.3

Intercept (displayed data) = 109.2

Correlation, R = 0.724

☒ Best Fit Line

Appendix B

Historical Analytical Data

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	88-74-4	2-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.74	U	mg/kg	0.74		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	99-09-2	3-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	100-01-6	4-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.038	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.38817	=	mg/kg			Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.15	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.16	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.19	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.061	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.074	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	218-01-9	CHRYSENE	0.23	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.31	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	86-73-7	FLUORENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	118-74-1	HEXACHLOROENZENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.082	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.37	U	mg/kg</			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.13	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	108-95-2	PHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	129-00-0	PYRENE	0.36	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.785	V	mg/kg			Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	89.6	V	%	0.1		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	INORGANIC	PH	PH	7	V	ph units	0.2		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7429-90-5	ALUMINIUM, TOTAL	7120	V	mg/kg	2.8		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	1.9	V	mg/kg	0.76		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	26.4	V	mg/kg	0.22		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.29	J	mg/kg	0.15		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.18	U	mg/kg	0.18		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-70-2	CALCIUM, TOTAL	284	J	mg/kg	1.2		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	10.3	J	mg/kg	0.66		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-48-4	COBALT, TOTAL	3.3	V	mg/kg	0.29		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	8.1	V	mg/kg	0.25		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	57-12-5	CYANIDE, TOTAL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-89-6	IRON, TOTAL	9380	V	mg/kg	0.49		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	10.4	V	mg/kg	0.64		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-95-4	MAGNESIUM, TOTAL	481	J+	mg/kg	3.9		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-96-5	MANGANESE, TOTAL	95.6	J	mg/kg	0.21		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.08	U	mg/kg	0.08		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	5.2	V	mg/kg	1.3		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-09-7	POTASSIUM, TOTAL	470	J+	mg/kg	84.8		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.17	U	mg/kg	0.17		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.32	U	mg/kg	0.32		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-23-5	SODIUM, TOTAL	373	V	mg/kg	1.6		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	0.15	U	mg/kg	0.15		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-62-2	VANADIUM, TOTAL	15.9	V	mg/kg	0.3		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	15.8	V	mg/kg	0.29		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	0.044	U	mg/kg	0.044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	0.044	U	mg/kg	0.044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	0.044	U	mg/kg	0.044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	0.044	U	mg/kg	0.044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	0.044	U	mg/kg	0.044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	0.088	U	mg/kg	0.088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	0.088	U	mg/kg	0.088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.012	V	mg/kg	0.0088		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0026	V	mg/kg	0.0088		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0022	V	mg/kg	0.0088		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0011	V	mg/kg	0.0044		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.044	U	mg/kg	0.044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.044	U	mg/kg	0.044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0011	V	mg/kg	0.0044		Yes
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.044	U	mg/kg	0.044		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.088	U	mg/kg	0.088		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N									

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	67-64-1	ACETONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SB1	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	83-3							

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.4622	U	mg/kg			No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	218-01-9	CHRYSENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.2	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.054	J	mg/kg	0.4		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	86-73-7	FLUORENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	108-95-2	PHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	129-00-0	PYRENE	0.05	J	mg/kg	0.4		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.104	V	mg/kg			Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0006	J	mg/kg	0.00002		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0002	U	mg/kg	0.0002		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7548	SS-06B01AZ	3	3.5	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	85.3	V	%	0.1		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	81.7	V	%	0.1		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	INORGANIC	PH	PH	3.2	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7429-90-5	ALUMINUM, TOTAL	4720	V	mg/kg	2.4		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	6.1	J-	mg/kg	2.1		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	30.3	V	mg/kg	0.13		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.34	U	mg/kg	0.13		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.06	V	mg/kg	0.06		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-70-2	CALCIUM, TOTAL	72.1	U	mg/kg	1.2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	MET								

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-48-4	COBALT, TOTAL	2.5	V	mg/kg	0.33		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	16.4	V	mg/kg	0.18		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	57-12-5	CYANIDE, TOTAL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-89-6	IRON, TOTAL	15200	V	mg/kg	0.49		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	14.8	V	mg/kg	2.1		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-95-4	MAGNESIUM, TOTAL	315	J+	mg/kg	3.9		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-96-5	MANGANESE, TOTAL	34.5	U	mg/kg	0.077		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	3.6	V	mg/kg	1.1		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-09-7	POTASSIUM, TOTAL	557	V	mg/kg	46		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	1	U	mg/kg	1		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.37	V	mg/kg	0.22		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-23-5	SODIUM, TOTAL	39.7	U	mg/kg	1.3		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-62-2	VANADIUM, TOTAL	40.3	V	mg/kg	0.21		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	17.7	V	mg/kg	0.23		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	0.097	U	mg/kg	0.097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	0.097	U	mg/kg	0.097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0028	V	mg/kg	0.0097		Yes
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.097	U	mg/kg	0.097		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	67-64-1	ACETONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5												

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.85	U	mg/kg	0.85		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.40483	=	mg/kg			Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.14	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.14	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.084	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.059	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1	V	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	86							

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.18	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.33	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLORO BENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLORO CYCLOPENTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.094	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.16	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.32	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.607	V	mg/kg			Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	2691-41-0	HMX	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	121-82-4	RDX	0.96	U	mg/kg	0.96		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	479-45-8	TETRYL	0.67	U	mg/kg	0.67		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	77.2	V	%	0.1		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	INORGANIC	PH	PH	5.2	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.3	U	mg/kg	0.84		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	10.4	V	mg/kg	0.75		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	22.5	J	mg/kg	0.14		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.52	V	mg/kg	0.14		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.24	V	mg/kg	0.052		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	21.3	J	mg/kg	0.4		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	28.1	J	mg/kg	0.2		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	24.6	J	mg/kg	2.2		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.15	V	mg/kg	0.1		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	7.6	V	mg/kg	1.2		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.9	U	mg/kg	0.9		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	32.4	V	mg/kg	0.25		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	12674-11-2	AROC LOR-1016	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	11104-28-2	AROC LOR-1221	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	11141-16-5	AROC LOR-1232	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	53469-21-9	AROC LOR-1242	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	12672-29-6	AROC LOR-1248	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	11097-69-1	AROC LOR-1254	0.52	U	mg/kg	0.52		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	11096-82-5	AROC LOR-1260	0.52	U	mg/kg	0.52		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.047	J	mg/kg	0.052		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.026	U	mg/kg	0.026		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.026	J	mg/kg	0.026		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	0.95	U	mg/kg	0.95		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.48423	=	mg/kg			Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.2	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.18	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.35	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.12	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.1	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.23	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.41	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLORO BENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.13	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.26	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.42	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.4	V	mg/kg			Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.22					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	2691-41-0	HMX	1.9	U	mg/kg	1.9		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	121-82-4	RDX	0.94	U	mg/kg	0.94		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	479-45-8	TETRYL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	69.6	V	%	0.1		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	INORGANIC	PH	PH	6.5	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	33.8	V	mg/kg	2.1		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	7.1	V	mg/kg	0.81		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	47	J	mg/kg	0.16		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.36	V	mg/kg	0.16		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.14	V	mg/kg	0.057		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	37.6	J	mg/kg	0.45		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	47	J	mg/kg	0.22		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	59.8	J	mg/kg	2.5		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.31	V	mg/kg	0.096		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	10.2	V	mg/kg	1.4		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	3.2	V	mg/kg	0.96		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.75	V	mg/kg	0.27		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	38.2	V	mg/kg	0.28		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	0.28	U	mg/kg	0.28		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	0.28	U	mg/kg	0.28		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	0.28	U	mg/kg	0.28		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	0.28	U	mg/kg	0.28		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	0.28	U	mg/kg	0.28		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	0.57	U	mg/kg	0.57		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	0.57	U	mg/kg	0.57		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.08	J	mg/kg	0.057		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.038	J	mg/kg	0.057		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.057	U	mg/kg	0.057		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.018	J	mg/kg	0.028		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.028	U	mg/kg	0.028		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.28	U	mg/kg	0.28		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.028	U	mg/kg	0.028		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.028	U	mg/kg	0.028		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.028	U	mg/kg	0.028		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.057	U	mg/kg	0.057		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.028	U	mg/kg	0.028		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.28	U	mg/kg	0.28		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.028	U	mg/kg	0.028		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.026	J	mg/kg	0.028		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.28	U	mg/kg	0.28		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.57	U	mg/kg	0.57		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	6.1	V	mg/kg	0.94		Yes
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample</																		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.083	U	mg/kg	0.014		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.023	V	mg/kg			Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.4322	=	mg/kg			Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.12	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.12	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3													

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.15	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.32	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.31	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.34	V	mg/kg			Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	65	V	%	0.1		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	INORGANIC	PH	PH	6	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	7.8	U	mg/kg	0.98		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	26.2	V	mg/kg	2.2		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	33.6	J	mg/kg	0.17		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.5	V	mg/kg	0.17		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.07	V	mg/kg	0.062		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	35	J	mg/kg	0.47		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	40	J	mg/kg	0.23		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	43.8	J	mg/kg	2.7		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.19	V	mg/kg	0.13		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	7.1	V	mg/kg	1.4		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	1.4	V	mg/kg	1.1		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.83	V	mg/kg	0.28		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	28	V	mg/kg	0.3		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCLOL-1016	0.061	U	mg/kg	0.061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCLOL-1221	0.061	U	mg/kg	0.061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCLOL-1232	0.061	U	mg/kg	0.061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCLOL-1242	0.061	U	mg/kg	0.061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCLOL-1248	0.061	U	mg/kg	0.061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCLOL-1254	0.12	U	mg/kg	0.12		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCLOL-1260	0.12	U	mg/kg	0.12		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.055	V	mg/kg	0.012		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.016	V	mg/kg	0.012		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0096	V	mg/kg	0.012		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0025	V	mg/kg	0.0061		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994</											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.061	U	mg/kg	0.061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0061	V	mg/kg	0.0061		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.061	U	mg/kg	0.061		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.027	V	mg/kg	0.015		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.27	V	mg/kg	0.015		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	J	mg/kg	0.008		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.303	V	mg/kg			Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	0.81	U	mg/kg	0.81		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.42234	=	mg/kg			Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.15	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.17	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.21	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.13	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.24	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.35	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.1	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.19	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.34	J	mg/kg	0.41		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.99	V	mg/kg			Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	82.1	V	%	0.1		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	INORGANIC	PH	PH	4.1	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	7.5	V</				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	22.1	J	mg/kg	0.14		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.5	V	mg/kg	0.14		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.06	V	mg/kg	0.051		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	25.8	J	mg/kg	0.37		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	21	J	mg/kg	0.19		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	20.5	J	mg/kg	2.1		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.12	U	mg/kg	0.12		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	11.6	V	mg/kg	1.1		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.87	U	mg/kg	0.87		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.23	U	mg/kg	0.23		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1	U	mg/kg	1		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	34.7	V	mg/kg	0.24		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCOLOR-1016	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCOLOR-1221	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCOLOR-1232	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCOLOR-1242	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCOLOR-1248	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCOLOR-1254	0.48	U	mg/kg	0.48		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCOLOR-1260	0.48	U	mg/kg	0.48		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.013	J	mg/kg	0.048		Yes
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.024	U	mg/kg	0.024		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.024	U	mg/kg	0.024		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.024	U	mg/kg	0.024		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.024	U	mg/kg	0.024		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.024	U	mg/kg	0.024		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.048	U	mg/kg	0.048		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.024	U	mg/kg	0.024		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.024	U	mg/kg	0.024		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.024	U	mg/kg	0.024		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	108-90-7	CHL						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.4693	=	mg/kg			Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.19	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.2	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.15	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.1	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.3	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503</															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.37	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.1	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.24	J	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.47	V	mg/kg	0.43		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.36	V	mg/kg			Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	75.9	V	%	0.1		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	INORGANIC	PH	PH	3.9	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.9	U	mg/kg	0.88		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	20	V	mg/kg	1.9		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	58.4	J	mg/kg	0.15		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.28	V	mg/kg	0.15		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.084	V	mg/kg	0.052		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	18.2	J	mg/kg	0.42		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	21.2	J	mg/kg	0.21		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	18.3	J	mg/kg	2.4		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	7.8	V	mg/kg	1.3		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	1.4	V	mg/kg	0.89		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.47	V	mg/kg	0.25		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1	U	mg/kg	1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	22.5	V	mg/kg	0.26		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	0.52	U	mg/kg	0.52		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	0.52	U	mg/kg	0.52		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.021	V	mg/kg	0.052		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.021	V	mg/kg	0.052		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.014	V	mg/kg	0.052		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS								

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.026	U	mg/kg	0.026		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.26	U	mg/kg	0.26		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	108-90-7	CHLOROENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.2	U	mg/kg	2.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.87	U	mg/kg	0.87		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.2	U	mg/kg	2.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample																		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.2	U	mg/kg	2.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.50842	U	mg/kg			No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	76.3	V	%	0.1		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	INORGANIC	PH	PH	5.3	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.82	U	mg/kg	0.82		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	3.7	V	mg/kg	0.37		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	12.3	J	mg/kg	0.14		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.56	V	mg/kg	0.14		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.11	V	mg/kg	0.052		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	24.3	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	41.2	J	mg/kg	0.19		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	7.6	U	mg/kg	1.8		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	4.2	V	mg/kg	1.2		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.88	U	mg/kg	0.88		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1	U	mg/kg	1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	18.8	V	mg/kg	0.25		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCLOL-1016	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCLOL-1221	0.052	U	mg/kg	0.052		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCLOr-1232	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCLOr-1242	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCLOr-1248	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCLOr-1254	0.1	U	mg/kg	0.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCLOr-1260	0.1	U	mg/kg	0.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.052	U	mg/kg	0.052		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.1	U	mg/kg	0.1		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.011	J	mg/kg	0.013		Yes
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.042	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_SB1	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.011	V	mg/kg			Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENYL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.056	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.55856	=	mg/kg			Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.23	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.23	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.35	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.18	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.12	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.36	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.39	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.14	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-0														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.31	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.5	J	mg/kg	0.51		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.866	V	mg/kg			Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	64.3	V	%	0.1		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	INORGANIC	PH	PH	4.1	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	21.8	V	mg/kg	2.3		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	49.4	V	mg/kg	4.6		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	98.2	J	mg/kg	0.18		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.5	V	mg/kg	0.18		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.12	V	mg/kg	0.063		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	63.6	J	mg/kg	0.48		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	73.5	J	mg/kg	0.24		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	102	J	mg/kg	2.7		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.59	V	mg/kg	0.15		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	9.6	V	mg/kg	1.5		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	3.9	V	mg/kg	1.1		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	1.3	V	mg/kg	0.29		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	U	mg/kg	1.3		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	45.8	V	mg/kg	0.3		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCOLOR-1016	0.31	U	mg/kg	0.31		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCOLOR-1221	0.31	U	mg/kg	0.31		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCOLOR-1232	0.31	U	mg/kg	0.31		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCOLOR-1242	0.31	U	mg/kg	0.31		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCOLOR-1248	0.31	U	mg/kg	0.31		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCOLOR-1254	0.62	U	mg/kg	0.62		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCOLOR-1260	0.62	U	mg/kg	0.62		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.092	V	mg/kg	0.062		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.075	V	mg/kg	0.062		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.083	V	mg/kg	0.062		Yes
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.031	U	mg/kg	0.031		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.031	U	mg/kg	0.031		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.31	U	mg/kg	0.31		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.031	U	mg/kg	0.031		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.031	U	mg/kg	0.031		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.062	U	mg/kg	0.062		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.031	U	mg/kg	0.031		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.062	U	mg/kg	0.062		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.062	U	mg/kg	0.062		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.062	U	mg/kg	0.062		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.062	U	mg/kg	0.062		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.062	U	mg/kg	0.062		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.031	U	mg/kg	0.031		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.31	U	mg/kg	0.31		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.031	U	mg/kg	0.031		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.031	U	mg/kg	0.031		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.31	U	mg/kg	0.31		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SB1	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	88-74-4	2-NITROANILINE	3.9	U	mg/kg	3.9		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.6	U	mg/kg	1.6		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	99-09-2	3-NITROANILINE	3.9	U	mg/kg	3.9		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	100-01-6	4-NITROANILINE	3.9	U	mg/kg	3.9		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.912845	U	mg/kg			No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	218-01-9	CHRYSENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	206-44-0	FLUORANTHENE	8.1	V	mg/kg	0.79		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	86-73-7	FLUORENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,-D)PYRENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	108-95-2	PHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	129-00-0	PYRENE	7.7	V	mg/kg	0.79		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	15.8	V	mg/kg			Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00005	U	mg/kg	0.00005		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00011	J	mg/kg	0.00004		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0001	U	mg/kg	0.0001		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00018	U	mg/kg	0.00018		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00011	U	mg/kg	0.00011		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	3268-87-9	OCDD	0.002	V	mg/kg	0.00003		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00004	J	mg/kg	0.00003		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00017	U	mg/kg	0.00017		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00005	U	mg/kg	0.00005		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00006	U	mg/kg	0.00006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7551	SS-06B06A	2	4	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	90.8	V	%	0.1		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	84.4	V	%	0.1		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	INORGANIC	PH	PH	7	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	U	mg/kg	0.75		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	6.9	V	mg/kg	0.69		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	30.2	V	mg/kg	0.13		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.93	V	mg/kg	0.13		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.55	V	mg/kg	0.048		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	22	V	mg/kg	0.35		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	42.9	V	mg/kg	0.18		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	45.7	V	mg/kg	2		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.085	U	mg/kg	0.085		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	14.8	V	mg/kg	1.1		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.85	V	mg/kg	0.81		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.21	U	mg/kg	0.21		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	0.95	U	mg/kg	0.95		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	99.1	V	mg/kg	0.22		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	12674-11-2	AROCLOR-1016	2.4	U	mg/kg	2.4</		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	11104-28-2	AROCCLOR-1221	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	11141-16-5	AROCCLOR-1232	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	53469-21-9	AROCCLOR-1242	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	12672-29-6	AROCCLOR-1248	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	11097-69-1	AROCCLOR-1254	4.7	U	mg/kg	4.7		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	11096-82-5	AROCLOR-1260	4.7	U	mg/kg	4.7		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.24	U	mg/kg	0.24		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.11	V	mg/kg	0.24		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	2.4	U	mg/kg	2.4		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	4.7	U	mg/kg	4.7		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	67-64-1	ACETONE	0.018	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	95-57-8	2-CHLOROPHENYL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2	UJ	mg/kg	2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.79	UJ	mg/kg	0.79		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2	UJ	mg/kg	2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2	UJ	mg/kg	2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.278933	=	mg/kg			Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.07	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.049	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.064	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.32	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	218-01-9	CHRYSENE	0.083	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.14	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	86-73-7	FLUORENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	108-95-2	PHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	129-00-0	PYRENE	0.19	J	mg/kg	0.39		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.066	V	mg/kg			Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00003	J	mg/kg	0.00002		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0027	V	mg/kg	0		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00008	U	mg/kg	0.00008		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7550	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	84.5	V	%	0.1		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	83.8	V	%	0.1		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	INORGANIC	PH	PH	5.8	V	ph units	0.2		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.6	U	mg/kg	0.78		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	4.4	V	mg/kg	0.34		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	39.1	V	mg/kg	0.14		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.65	V	mg/kg	0.14		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.09	V	mg/kg	0.048		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	23.7	V	mg/kg	0.37		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	18.2	V	mg/kg	0.18		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	16.1	V	mg/kg	2.1		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.082	U	mg/kg	0.082		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	6.3	V	mg/kg	1.1		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.81	U	mg/kg	0.81		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.22	U	mg/kg	0.22		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	0.95	U	mg/kg	0.95		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	22.7	V	mg/kg	0.23		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	0.93	U	mg/kg	0.93		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	0.93	U	mg/kg	0.93		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.047	U	mg/kg	0.047		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.047	U	mg/kg	0.047		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.047	U	mg/kg	0.047		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.047	U	mg/kg	0.047		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.047	U	mg/kg	0.047		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.093	U	mg/kg	0.093		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.047	U	mg/kg	0.047		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.047	U	mg/kg	0.047		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.47	U	mg/kg	0.47		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.93	U	mg/kg	0.93		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.017	V	mg/kg	0.012		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	67-64-1	ACETONE	0.12	V	mg/kg	0.012		Yes
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	108-90-7	CHLORO BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_SB1	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.137	V	mg/kg			Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	14	UJ	mg/kg	14		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	14	UJ	mg/kg	14		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	88-74-4	2-NITROANILINE	14	UJ	mg/kg	14		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	5.5	UJ	mg/kg	5.5		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	99-09-2	3-NITROANILINE	14	UJ	mg/kg	14		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	534-52-1	4,6-D						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	100-01-6	4-NITROANILINE	14	UJ	mg/kg	14		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	14	UJ	mg/kg	14		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	120-12-7	ANTHRACENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	3.11985	U	mg/kg			No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	86-74-8	CARBAZOLE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	218-01-9	CHRYSENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	206-44-0	FLUORANTHENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	86-73-7	FLUORENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	78-59-1	ISOPHORONE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	91-20-3	NAPHTHALENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	14	UJ	mg/kg	14		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	85-01-8	PHENANTHRENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	108-95-2	PHENOL	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	BNA	129-00-0	PYRENE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	11.9	J	%	0.1		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	INORGANIC	PH	PH	5.8	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	13.2	J	mg/kg	8.4		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	43.3	J	mg/kg	8.4		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	57.4	J	mg/kg	2.3		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.72	J	mg/kg	0.48		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	1.52	UJ	mg/kg	1.52		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	34.6	J	mg/kg	3.5		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	195	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	339	J	mg/kg	8		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.63	J	mg/kg	0.42		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	22.8	J	mg/kg	6.5		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	27.3	V	mg/kg	6.7		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	1.84	UJ	mg/kg	1.84		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	7.98	UJ	mg/kg	7.98		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	224	J	mg/kg	3.5		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	96700	J	mg/kg	20000		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PCBS	12674-11-2	AROCCLOR-1016	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PCBS	11104-28-2	AROCCLOR-1221	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PCBS	11141-16-5	AROCCLOR-1232	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PCBS	53469-21-9	AROCCLOR-1242	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PCBS	12672-29-6	AROCCLOR-1248	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PCBS	11097-69-1	AROCCLOR-1254	0.65	UJ	mg/kg	0.65		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PCBS	11096-82-5	AROCCLOR-1260	0.65	UJ	mg/kg	0.65		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.065	UJ	mg/kg	0.065		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.65	UJ	mg/kg	0.65		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	64	V	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.098	J	mg/kg	0.094		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.094	UJ	mg/kg	0.094		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.094	UJ	mg/kg	0.094		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	67-64-1	ACETONE	0.32	U	mg/kg	0.094		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	71-43-2	BENZENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	75-25-2	BROMOFORM	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.094	UJ	mg/kg	0.094		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.094	UJ	mg/kg	0.094		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.094	UJ	mg/kg	0.094		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.073	U	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	100-42-5	STYRENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	108-88-3	TOLUENE	0.22	J	mg/kg	0.047		Yes
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0												

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0602	Surface Water Estuarine	608924.566	538224.495	7211	SD-0602L	0	0	8/9/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.318	V	mg/kg			Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	9.7	UJ	mg/kg	9.7		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	9.7	UJ	mg/kg	9.7		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	9.7	UJ	mg/kg	9.7		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	9.7	UJ	mg/kg	9.7		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	9.7	UJ	mg/kg	9.7		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	9.7	UJ	mg/kg	9.7		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	9.7	UJ	mg/kg	9.7		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.91633	=	mg/kg			Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.47	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.54	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.52	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.56	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.56	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	2.1	U	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.73	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.22	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.9	U	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.8	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.51	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE</										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	9.7	UJ	mg/kg	9.7		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.33	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.71	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	5.95	V	mg/kg			Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	16.4	J	%	0.1		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	6.8	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	9.15	UJ	mg/kg	9.15		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	61.5	J	mg/kg	5.6		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	51.4	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2.6	V	mg/kg	0.37		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	1.5	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	82.8	J	mg/kg	2.7		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	238	J	mg/kg	0.98		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	170	J	mg/kg	9.3		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	1.18	J	mg/kg	0.31		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	31.5	J	mg/kg	4.9		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	4.6	J	mg/kg	4		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	4.1	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	435	J	mg/kg	2.7		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	50100	J	mg/kg	2220		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCOLOR-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCOLOR-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCOLOR-1232	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCOLOR-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCOLOR-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCOLOR-1254	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCOLOR-1260	3.8	J	mg/kg	2.5		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	11	V	mg/kg	0.98		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.58	J	mg/kg	0.2		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	2.9	J	mg/kg	0.2		Yes
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0604	Surface Water Estuarine	607417.134	538182.825	7237	SD-0604L	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	3.48	V	mg/kg			Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2	UJ	mg/kg	2		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.83494	=	mg/kg			Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.23	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.27	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.21	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.19	J	mg/kg	1</		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.26	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.34	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.36	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.18	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.32	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.51	V	mg/kg			Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	31.4	J	%	0.1		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	7.2	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	6.8	V	mg/kg	4.8		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	62.8	J	mg/kg	2.8		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	33.8	J	mg/kg	0.92		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2	J	mg/kg	0.19		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.61	UJ	mg/kg	0.61		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	55.5	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	144	J	mg/kg	0.51		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	115	J	mg/kg	4.8		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	1.03	J	mg/kg	0.13		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	26	J	mg/kg	2.6		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	3.5	J	mg/kg	2		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	2.9	J	mg/kg	0.73		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.76	UJ	mg/kg	1.76		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	239	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	42600	J	mg/kg	1330		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCLOL-1016	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCLOL-1221	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCLOL-1232	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCLOL-1242	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCLOL-1248	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCLOL-1254	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCLOL-1260	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.019	J	mg/kg	0.024		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.013	J	mg/kg	0.024		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.12	UJ	mg/kg	0.12		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.029	UJ	mg/kg	0.029		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.029	UJ	mg/kg	0.029		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.029	UJ	mg/kg	0.029		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.025	J	mg/kg	0.029		Yes
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.029	UJ	mg/kg	0.029		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.029	UJ	mg/kg	0.029		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.029	UJ	mg/kg	0.029		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.029	UJ	mg/kg	0.029		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.029	UJ	mg/kg	0.029		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0605	Surface Water Estuarine	606974.174	538742.047	7238	SD-0605L	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.025	V	mg/kg			Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.4	UJ	mg/kg	5.4		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	5.4	UJ	mg/kg	5.4		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	2.2	UJ	mg/kg	2.2		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	5.4	UJ	mg/kg	5.4		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.4	UJ	mg/kg	5.4		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	5.4	UJ	mg/kg	5.4		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	5.4	UJ	mg/kg	5.4		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.15	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.13	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.1359	=	mg/kg			Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.52	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.44	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.55	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.29	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.81	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.8	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.82	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.3	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	5.4	UJ	mg/kg	5.4		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.31	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.54	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	5.66	V	mg/kg			Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	31.2	J	%	0.1		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	6.6	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	30	V	mg/kg	4.4		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	61.3	J	mg/kg	2.9		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	89.3	J	mg/kg	0.85		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.1	U	mg/kg	0.18		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.56	UJ	mg/kg	0.56		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	113	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	125	J	mg/kg	0.47		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	205	J	mg/kg	4.5		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	2.64	J	mg/kg	0.14		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	12.7	J	mg/kg	2.4		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	12.7	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	3.6	J	mg/kg	0.68		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.74	UJ	mg/kg	1.74		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	104	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	23200	J	mg/kg	1000		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCOLOR-1016	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCOLOR-1221	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCOLOR-1232	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCOLOR-1242	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCOLOR-1248	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCOLOR-1254	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCOLOR-1260	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.037	J	mg/kg	0.025		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.031	J	mg/kg	0.025		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.087	J	mg/kg	0.033		Yes
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0606	Surface Water Estuarine	606765.863	539107.095	7239	SD-0606L	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.087	V	mg/kg			Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.26	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.42	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	2.7222	=	mg/kg			Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	1.5	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	2	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	2.2	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.61	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	2.5	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	5.3	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.15	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	2.2	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	53-70-3							

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.35	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	2.6	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	0.56	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.75	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	1	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	1.7	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	24.35	V	mg/kg			Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7250	SD-0607	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	31.9	J	%	0.1		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	24.4	J	%	0.1		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	6.1	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	10600	J	mg/kg	4.7		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	15.5	V	mg/kg	2.5		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	105	J	mg/kg	12.1		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	100	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.98	J	mg/kg	0.18		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.56	UJ	mg/kg	0.56		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	1810	J	mg/kg	6.6		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	74.8	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-48-4	COBALT, TOTAL	9.1	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	112	J	mg/kg	0.47		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	57-12-5	CYANIDE, TOTAL	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7439-89-6	IRON, TOTAL	54900	J	mg/kg	3.2		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	228	J	mg/kg	4.5		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	4720	J	mg/kg	7.5		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	91.6	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	2.1	J	mg/kg	0.16		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	15.3	J	mg/kg	2.4		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	1920	J	mg/kg	242		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	10.2	J	mg/kg	2.3		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	5.6	J	mg/kg	0.68		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-23-5	SODIUM, TOTAL	13700	J	mg/kg	8.2		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	55.1	J	mg/kg	2.2		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	104	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	76500	J	mg/kg	2860		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCLO-1016	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCLO-1221	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCLO-1232	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCLO-1242	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCLO-1248	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCLO-1254	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCLO-1260	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.017	UJ	mg/kg	0.017		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.033	UJ	mg/kg	0.033		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.33	UJ	mg/kg	0.33		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.03	U	mg/kg	0.022		Yes
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0607	Surface Water Estuarine	606477.688	539869.46	7240	SD-0607	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.03	V	mg/kg			Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.83	UJ				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.81339	=	mg/kg			Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.29	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.29	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.34	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.35	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	2.6	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.39	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.83	U	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.68	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROENZENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.16	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.4	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	5.5	V	mg/kg			Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	39.3	J	%	0.1		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	7.8	V	mg/kg	3.6		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	55.2	J	mg/kg	2.3		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	36.5	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.6	J	mg/kg	0.14		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.72	J	mg/kg	0.46		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	64.9	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	201	J	mg/kg	0.38		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	114	J	mg/kg	3.6		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	2	J	mg/kg	0.13		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	24	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	4	J	mg/kg	1.6		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	4.5	J	mg/kg	0.55		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.43	UJ	mg/kg	1.43		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	207	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	76900	J	mg/kg	2500		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCOR-1016	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCOR-1221	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCOR-1232	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCOR-1242	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCOR-1248	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCOR-1254	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCOR-1260	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.038	J	mg/kg	0.02		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.032	J	mg/kg	0.02		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	UJ	mg/kg	0.96		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.021	J	mg/kg	0.032		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.065	J	mg/kg	0.032		Yes
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.017	J	mg/kg</			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0608	Surface Water Estuarine	606447.584	540360.163	7241	SD-0608L	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.103	V	mg/kg			Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2	UJ	mg/kg	2		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.1555	U	mg/kg			No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	2	U	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.42	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.44	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.86	V	mg/kg			Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0006	J	mg/kg	0.0001		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	32.6	J	%	0.1		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	7.6	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.26	UJ	mg/kg	4.26		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	43.2	J	mg/kg	2.7		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	29.8	J	mg/kg	0.82		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.88	U	mg/kg	0.17		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.65	J	mg/kg	0.54		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	37.2	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	104	J	mg/kg	0.45		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	70.9	J	mg/kg	4.3		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.88	J	mg/kg	0.15		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	25	J	mg/kg	2.3		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	2.6	J	mg/kg	2		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	3.6	J	mg/kg	0.65		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.76	UJ	mg/kg	1.76		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	137	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	25000	J	mg/kg	1180		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCLO-1016	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCLO-1221	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCLO-1232	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCLO-1242	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCLO-1248	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCLO-1254	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCLO-1260	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.014	J	mg/kg	0.024		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.013	J	mg/kg	0.024		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.066	J	mg/kg	0.028		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.008	J	mg/kg	0.014		Yes
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0609	Surface Water Estuarine	607035	540744	7242	SD-0609L	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.074	V	mg/kg			Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.91	UJ	mg/kg	0.91		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLORANILINE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.051505	U	mg/kg			No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.91	U	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.91	U	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.56	J	mg/kg	0.91		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.37	J	mg/kg	0.91		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	0.91	UJ	mg/kg	0.91		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.52	J	mg/kg	0.91		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.45	V	mg/kg			Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	36.3	J	%	0.1		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	3.6	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.83	UJ	mg/kg	3.83		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	22.8	J	mg/kg	2.4		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	130	J	mg/kg	0.74		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.23	U	mg/kg	0.15		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.49	UJ	mg/kg	0.49		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	14.6	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	17.2	J	mg/kg	0.41		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	64.5	J	mg/kg	3.9		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.15	J	mg/kg	0.13		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	2.07	UJ	mg/kg	2.07		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	1.76	UJ	mg/kg	1.76		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	2.3	J	mg/kg	0.59		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.56	UJ	mg/kg	1.56		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	15	V	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	18000	J	mg/kg	1050		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCOR-1016	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCOR-1221	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCOR-1232	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCOR-1242	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCOR-1248	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCOR-1254	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCOR-1260	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	34	V	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.024	J	mg/kg	0.022		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.2	J	mg/kg	0.022		Yes
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N									

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0610	Surface Water Fresh	607729.808	540564.973	7243	SD-0610	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.224	V	mg/kg			Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.1	U	mg/kg	3.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	3.1	U	mg/kg	3.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	3.1	U	mg/kg	3.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	3.1	U	mg/kg	3.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.1	U	mg/kg	3.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	3.1	U	mg/kg	3.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	3.1	U	mg/kg	3.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.71641	U	mg/kg			No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.62	U	mg/kg	0.62		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	3.1	U	mg/kg	3.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	51.9	V	%	0.1		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	4.6	V	ph units	0.01		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.9	U	mg/kg	2.8		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	15.6	J	mg/kg	1.7		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	118	J	mg/kg	0.55		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.43	U	mg/kg	0.11		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	7.3	V	mg/kg	0.36		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	1110	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	144	J	mg/kg	0.3		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	153	J	mg/kg	2.9		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	163	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	1.19	UJ	mg/kg	1.19		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	4.1	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.06	UJ	mg/kg	1.06		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	155	J	mg/kg	0.83		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	33200	J	mg/kg	2000		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCLO-1016	0.074	U	mg/kg	0.074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCLO-1221	0.074	U	mg/kg	0.074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCLO-1232	0.074	U	mg/kg	0.074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCLO-1242	0.074	U	mg/kg	0.074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCLO-1248	0.074	U	mg/kg	0.074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCLO-1254	0.15	U	mg/kg	0.15		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCLO-1260	0.15	U	mg/kg	0.15		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.015	U	mg/kg	0.015		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.008	J	mg/kg	0.015		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0074	U	mg/kg	0.0074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0074	U	mg/kg	0.0074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.074	U	mg/kg	0.074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0074	U	mg/kg	0.0074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0074	U	mg/kg	0.0074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.015	U	mg/kg	0.015		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0074	U	mg/kg	0.0074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.015	U	mg/kg	0.015		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.015	U	mg/kg	0.015		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0074	U	mg/kg	0.0074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.074	U	mg/kg	0.074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0074	U	mg/kg	0.0074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0074	U	mg/kg	0.0074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.074	U	mg/kg	0.074		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.15	U	mg/kg	0.15		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	12	V	mg/kg	0.96		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.028	J	mg/kg	0.021		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.021	U	mg/kg	0.021		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.021	U	mg/kg	0.021		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.16	J	mg/kg	0.021		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.021	U	mg/kg	0.021		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.006	J	mg/kg	0.01		Yes
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.021	U	mg/kg	0.021		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.021	U	mg/kg	0.021		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.021	U	mg/kg	0.021		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.021	U	mg/kg	0.021		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0611	Surface Water Fresh	608271.496	540202.6	7244	SD-0611	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.194	V	mg/kg			Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.92	UJ	mg/kg	0.92		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.06306	U	mg/kg			No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.92	U	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.24	J	mg/kg	0.92		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	0.29	J	mg/kg	0.92		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	4.6	UJ	mg/kg	4.6		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.24	J	mg/kg	0.92		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.77	V	mg/kg			Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	36.3	J	%	0.1		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	5.7	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.01	UJ	mg/kg	4.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	7.6	J	mg/kg	2.4		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	109	J	mg/kg	0.78		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.78	U	mg/kg	0.16		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.51	UJ	mg/kg	0.51		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	104	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	91.2	J	mg/kg	0.43		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	40.6	J	mg/kg	4.1		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.14	J	mg/kg	0.14		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	6.2	J	mg/kg	2.2		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	1.72	UJ	mg/kg	1.72		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	1	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.54	UJ	mg/kg	1.54		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	16.7	V	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	2100	J	mg/kg	1050		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCOR-1016	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCOR-1221	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCOR-1232	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCOR-1242	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCOR-1248	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCOR-1254	0.21	UJ	mg/kg	0.21		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCOR-1260	0.21	UJ	mg/kg	0.21		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.017	J	mg/kg	0.021		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.02	J	mg/kg	0.021		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.21	UJ	mg/kg	0.21		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	11	V	mg/kg	0.98		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.002	J	mg/kg	0.021		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.033	J	mg/kg	0.021		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.002	J	mg/kg	0.01		Yes
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SED	SW0612	Surface Water Fresh	607955.98	540251.277	7245	SD-0612	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.037	V	mg/kg			Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.96	U	mg/kg	0.96		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.55464	U	mg/kg			No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.48	U	mg/kg	0.48		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.069	J	mg/kg	0.48		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	0.065	J	mg/kg	0.48		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.083	J	mg/kg	0.48		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.217	V	mg/kg			Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0003	J	mg/kg	0.0001		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	66.4	V	%	0.1		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	4.5	V	ph units	0.01		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.24	UJ	mg/kg	2.24		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	16.5	J-	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	53.6	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.45	U	mg/kg	0.09		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	1.4	V	mg/kg	0.28		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	24.5	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	107	J	mg/kg	0.24		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	36.9	J	mg/kg	2.3		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.16	V	mg/kg	0.06		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	10.2	J-	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	0.95	UJ	mg/kg	0.95		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	0.73	J-	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	0.85	UJ	mg/kg	0.85		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	96.3	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	14200	J	mg/kg	1250		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCLO-1016	0.057	U	mg/kg	0.057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCLO-1221	0.057	U	mg/kg	0.057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCLO-1232	0.057	U	mg/kg	0.057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCLO-1242	0.057	U	mg/kg	0.057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCLO-1248	0.057	U	mg/kg	0.057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCLO-1254	0.11	U	mg/kg	0.11		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCLO-1260	0.11	U	mg/kg	0.11		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0091	J	mg/kg	0.011		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0057	U	mg/kg	0.0057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0057	U	mg/kg	0.0057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0057	U	mg/kg	0.0057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0057	U	mg/kg			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0057	U	mg/kg	0.0057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0057	U	mg/kg	0.0057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0057	U	mg/kg	0.0057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0057	U	mg/kg	0.0057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.057	U	mg/kg	0.057		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1.1	V	mg/kg	0.98		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.003	J	mg/kg	0.014		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.013	J	mg/kg	0.014		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.003	J	mg/kg	0.007		Yes
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0613	Surface Water Fresh	607801.081	540469.685	7246	SD-0613	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.019	V	mg/kg			Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.31	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.60796	=	mg/kg			Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.24	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.24	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.19	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.19	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.26	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.7	U	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	0.36	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.7	U	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.34	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.17	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.19	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	0.41	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.9	V	mg/kg			Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	47.8	J	%	0.1		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	4.8	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.08	UJ	mg/kg	3.08		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	13.9	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	242	J	mg/kg	0.59		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.74	U	mg/kg	0.12		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	22.2	J	mg/kg	0.9		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	26.6	J	mg/kg	0.33		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	182	J	mg/kg	3.1		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.24	J	mg/kg	0.1		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	1.7	J	mg/kg	1.7		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	1.33	UJ	mg/kg	1.33		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	2.9	J	mg/kg	0.47		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.19	UJ	mg/kg	1.19		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	27.4	J	mg/kg	0.9		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	5700	J	mg/kg	500		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCOLOR-1016	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCOLOR-1221	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCOLOR-1232	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCOLOR-1242	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCOLOR-1248	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCOLOR-1254	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCOLOR-1260	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	20	V	mg/kg	0.96		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.009	J	mg/kg	0.014		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.004	J	mg/kg	0.014		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.003	J	mg/kg	0.014		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.033	J	mg/kg	0.014		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.001	J	mg/kg	0.007		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.001	J	mg/kg	0.007		Yes
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	UJ	mg/kg	0.007		No
Area 6	Area6_SED	SW0614	Surface Water Fresh	607769.702	540541.052	7247	SD-0614	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.051	V	mg/kg			Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	88-74-4	2-NITROANILINE	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	99-09-2	3-NITROANILINE	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	100-01-6	4-NITROANILINE	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.1342	=	mg/kg			Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.51	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.56	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.94	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.4	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.71	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1.1	U	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	86-74-8	CARBAZOLE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	218-01-9	CHRYSENE	1.1	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.77	UJ				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.77	U	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	206-44-0	FLUORANTHENE	0.99	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	86-73-7	FLUORENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	118-74-1	HEXACHLORO BENZENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.36	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	78-59-1	ISOPHORONE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	91-20-3	NAPHTHALENE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	3.9	UJ	mg/kg	3.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.27	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	108-95-2	PHENOL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA	129-00-0	PYRENE	1	J	mg/kg	0.77		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	6.84	V	mg/kg			Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0003	UJ	mg/kg	0.0003		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0003	UJ	mg/kg	0.0003		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0003	UJ	mg/kg	0.0003		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0002	UJ	mg/kg	0.0002		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0002	UJ	mg/kg	0.0002		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0022	J	mg/kg	0.0002		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0002	UJ	mg/kg	0.0002		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0004	UJ	mg/kg	0.0004		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0003	UJ	mg/kg	0.0003		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0003	UJ	mg/kg	0.0003		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.24	U	mg/kg	0.24		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.24	U	mg/kg	0.24		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	2691-41-0	HMX	2.1	U	mg/kg	2.1		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	EXPLOSIVES	121-82-4	RDX	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7251	SD-0615	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	42.5	J	%	0.1		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	41.4	J	%	0.1		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	INORGANIC	PH	PH	3.5	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	3810	J	mg/kg	3.6		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	3.2	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	137	J	mg/kg	0.65		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.31	J	mg/kg	0.13		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.43	UJ	mg/kg	0.43		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	293	U	mg/kg	5		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	30.6	J	mg/kg	0.99		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-48-4	COBALT, TOTAL	2.7	J	mg/kg	0.65		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	54.3	J	mg/kg	0.36		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	57-12-5	CYANIDE, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7439-89-6	IRON, TOTAL	18600	J	mg/kg	2.4		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	166	J	mg/kg	3.4		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	571	J	mg/kg	5.7		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	33.7	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	1.93	J	mg/kg	0.12		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	3.9	J	mg/kg	1.8		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	858	J	mg/kg	184		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	1.79	UJ	mg/kg	1.79		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	1.9	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-23-5	SODIUM, TOTAL	276	U	mg/kg	6.2		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.95	UJ	mg/kg	1.95		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	30	J	mg/kg	1.7		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	32	J	mg/kg	0.99		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	21100	J	mg/kg	1330		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PCBS	12674-11-2	AROCOLOR-1016	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PCBS	11104-28-2	AROCOLOR-1221	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PCBS	11141-16-5	AROCOLOR-1232	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PCBS	53469-21-9	AROCOLOR-1242	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PCBS	12672-29-6	AROCOLOR-1248	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PCBS	11097-69-1	AROCOLOR-1254	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PCBS	11096-82-5	AROCOLOR-1260	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.011	J	mg/kg	0.02		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.024	J	mg/kg	0.02		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0098	J	mg/kg	0.02		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0098	UJ	mg/kg	0.0098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0098	UJ	mg/kg	0.0098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0098	UJ	mg/kg	0.0098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0098	UJ	mg/kg	0.0098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0098	UJ	mg/kg	0.0098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0098	UJ	mg/kg	0.0098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0098	UJ	mg/kg	0.0098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0098	UJ	mg/kg	0.0098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.098	UJ	mg/kg	0.098		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	55	V	mg/kg	0.96		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	67-64-1	ACETONE	0.016	J	mg/kg	0.022		Yes
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	71-43-2	BENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	75-25-2	BROMOFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	1634-04-4	MTBE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	100-42-5	STYRENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	108-88-3	TOLUENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	108-05-4	VINYL ACETATE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.022	UJ	mg/kg	0.022		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SED	SW0615	Surface Water Fresh	607984.793	540461.258	7248	SD-0615	0	0	8/10/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.016	V	mg/kg			Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	7.1	UJ	mg/kg	7.1		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	7.1	UJ	mg/kg	7.1		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	88-74-4	2-NITROANILINE	7.1	UJ	mg/kg	7.1		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	99-09-2	3-NITROANILINE	7.1	UJ	mg/kg	7.1		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	7.1	UJ	mg/kg	7.1		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	100-01-6	4-NITROANILINE	7.1	UJ	mg/kg	7.1		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	7.1	UJ	mg/kg	7.1		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.42	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	2.3493	=	mg/kg			Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	1.3	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	1.8	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	1.7	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.62	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	2.2	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	2	U	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.25	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	86-74-8	CARBAZOLE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	218-01-9	CHRYSENE	2.3	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.13	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.4	U	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.4					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	206-44-0	FLUORANTHENE	3.8	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	86-73-7	FLUORENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.95	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	78-59-1	ISOPHORONE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	91-20-3	NAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	7.1	UJ	mg/kg	7.1		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	85-01-8	PHENANTHRENE	1.8	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	108-95-2	PHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA	129-00-0	PYRENE	2.3	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	19.57	V	mg/kg			Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0001	J	mg/kg	0.0001		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00004	J	mg/kg	0.00002		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0007	J	mg/kg	0.0001		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00003	J	mg/kg	0.00001		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	46.7	J	%	0.1		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	INORGANIC	PH	PH	6.7	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.3	J	mg/kg	3.2		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	9.2	J	mg/kg	2		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	24	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.9	J	mg/kg	0.13		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.41	UJ	mg/kg	0.41		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	26.9	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	75.7	J	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	96.3	J	mg/kg	5.1		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.33	J	mg/kg	0.11		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	17.3	J	mg/kg	1.7		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	1.11	UJ	mg/kg	1.11		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	0.71	J	mg/kg	0.49		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.54	UJ	mg/kg	1.54		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	225.8	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	43800	J	mg/kg	1540		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PCBS	12674-11-2	AROCLO-1016	0.081	UJ	mg/kg	0.081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PCBS	11104-28-2	AROCLO-1221	0.081	UJ	mg/kg	0.081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PCBS	11141-16-5	AROCLO-1232	0.081	UJ	mg/kg	0.081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PCBS	53469-21-9	AROCLO-1242	0.081	UJ	mg/kg	0.081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PCBS	12672-29-6	AROCLO-1248	0.081	UJ	mg/kg	0.081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PCBS	11097-69-1	AROCLO-1254	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PCBS	11096-82-5	AROCLO-1260	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0081	UJ	mg/kg	0.0081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0081	UJ	mg/kg	0.0081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.081	UJ	mg/kg	0.081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0081	UJ	mg/kg	0.0081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	70															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0081	UJ	mg/kg	0.0081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0081	UJ	mg/kg	0.0081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.081	UJ	mg/kg	0.081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0081	UJ	mg/kg	0.0081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0081	UJ	mg/kg	0.0081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.081	UJ	mg/kg	0.081		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.028	J	mg/kg	0.024		Yes
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	67-64-1	ACETONE	0.13	U	mg/kg	0.024		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	71-43-2	BENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	75-25-2	BROMOFORM	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.031	U	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	100-42-5	STYRENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	108-88-3	TOLUENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0616	Surface Water Estuarine	609592.592	538942.464	7068	SD-0616L	0	0	8/4/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.028	V	mg/kg			Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	9.1	UJ	mg/kg	9.1		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	9.1	UJ	mg/kg	9.1		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	606-20-							

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	88-74-4	2-NITROANILINE	9.1	UJ	mg/kg	9.1		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	3.6	UJ	mg/kg	3.6		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	99-09-2	3-NITROANILINE	9.1	UJ	mg/kg	9.1		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	9.1	UJ	mg/kg	9.1		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	100-01-6	4-NITROANILINE	9.1	UJ	mg/kg	9.1		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	9.1	UJ	mg/kg	9.1		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.22	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.42	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	4.171	=	mg/kg			Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	1.9	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	2.7	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	2.8	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.78	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	2.2	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	4.5	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	86-74-8	CARBAZOLE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	218-01-9	CHRYSENE	3	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	206-44-0	FLUORANTHENE	4.9	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	86-73-7	FLUORENE	0.31	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.76	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	78-59-1	ISOPHORONE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	91-20-3	NAPHTHALENE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	9.1	UJ	mg/kg	9.1		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	85-01-8	PHENANTHRENE	1.8	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	108-95-2	PHENOL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA	129-00-0	PYRENE	3.6	J	mg/kg	1.8		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	29.89	V	mg/kg			Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	33.6	J	%	0.1		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	INORGANIC	PH	PH	7.1	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	16.3	J	mg/kg	2.7		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-39-3	BARIIUM, TOTAL	34.3	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2.2	J	mg/kg	0.18		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.57	UJ	mg/kg	0.57		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	35.7	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	98.8	J	mg/kg	0.48		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	109	J	mg/kg	7.1		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.67	J	mg/kg	0.15		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	17.4	J	mg/kg	2.4		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	2.1	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	1.9	J	mg/kg	0.68		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	2.14	UJ	mg/kg	2.14		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	274	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	39900	J	mg/kg	1540		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PCBS	12674-11-2	AROCLOL-1016	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PCBS	11104-28-2	AROCLOL-1221	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PCBS	11141-16-5	AROCLOL-1232	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PCBS	53469-21-9	AROCLOL-1242	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PCBS	12672-29-6	AROCLOL-1248	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PCBS	11097-69-1	AROCLOL-1254	0.23	UJ	mg/kg	0.23		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PCBS	11096-82-5	AROCLOL-1260	0.23	UJ	mg/kg	0.23		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.023	UJ	mg/kg	0.023		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.013	J	mg/kg	0.023		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.023	UJ	mg/kg	0.023		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.023	UJ	mg/kg	0.023		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.023	UJ	mg/kg	0.023		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.023	UJ	mg/kg	0.023		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.023	UJ	mg/kg	0.023		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.023	UJ	mg/kg	0.023		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.023	UJ	mg/kg	0.023		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.23	UJ	mg/kg	0.23		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.15	J	mg/kg	0.03		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	67-64-1	ACETONE	0.79	J	mg/kg	0.099		Yes
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	71-43-2	BENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	75-25-2	BROMOFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.015					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.034	U	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	100-42-5	STYRENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	108-88-3	TOLUENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SED	SW0617	Surface Water Estuarine	609292.638	539341.075	7069	SD-0617L	0	0	8/4/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.94	V	mg/kg			Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	88-74-4	2-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	99-09-2	3-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	106-47-8	4-CHLOROANILINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	100-01-6	4-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.12	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.47	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	2.6863	=	mg/kg			Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	1.4	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	1.6	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	2.1	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.9	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	2	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	5.7	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	86-74-8	CARBAZOLE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	218-01-9	CHRYSENE	2.3	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.62	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA</								

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.36	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	206-44-0	FLUORANTHENE	4.2	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	86-73-7	FLUORENE	0.27	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.94	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	78-59-1	ISOPHORONE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	91-20-3	NAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	85-01-8	PHENANTHRENE	1.3	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	108-95-2	PHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA	129-00-0	PYRENE	2.8	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	27.08	V	mg/kg			Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	28.1	J	%	0.1		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	INORGANIC	PH	PH	7.3	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	5.34	UJ	mg/kg	5.34		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	8	J	mg/kg	3.3		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	45.8	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2.5	J	mg/kg	0.21		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	1.5	J	mg/kg	0.68		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	50.2	J	mg/kg	1.6		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	150	J	mg/kg	0.57		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	47.3	J	mg/kg	8.5		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	1.1	J	mg/kg	0.18		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	27.6	J	mg/kg	2.9		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	2.6	UJ	mg/kg	2.6		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	334	J	mg/kg	1.6		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	40100	J	mg/kg	1250		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PCBS	12674-11-2	AROCLOL-1016	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PCBS	11104-28-2	AROCLOL-1221	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PCBS	11141-16-5	AROCLOL-1232	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PCBS	53469-21-9	AROCLOL-1242	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PCBS	12672-29-6	AROCLOL-1248	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PCBS	11097-69-1	AROCLOL-1254	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PCBS	11096-82-5	AROCLOL-1260	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.018	J	mg/kg	0.028		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.018	J	mg/kg	0.028		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.044	J	mg/kg	0.034		Yes
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.034	UJ	mg/kg	0.034		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.034	UJ	mg/kg	0.034		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	67-64-1	ACETONE	0.22	U	mg/kg	0.034		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	71-43-2	BENZENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	75-25-2	BROMOFORM	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.034	UJ	mg/kg	0.034		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	108-90-7	CHLORO BENZENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.034	UJ	mg/kg	0.034		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.034	UJ	mg/kg	0.034		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.034	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	100-42-5	STYRENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	108-88-3	TOLUENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.034	UJ	mg/kg	0.034		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.017	UJ	mg/kg	0.017		No
Area 6	Area6_SED	SW0618	Surface Water Estuarine	608760.259	540076.713	7070	SD-0618L	0	0	8/4/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.044	V	mg/kg			Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.7	UJ	mg/kg	4.7		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	4.7	UJ	mg/kg	4.7		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	88-74-4	2-NITROANILINE	4.7	UJ	mg/kg	4.7		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	88-75-5	2-NITROPHENOL	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	99-09-2	3-NITROANILINE	4.7	UJ	mg/kg	4.7		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.7	UJ	mg/kg	4.7		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.94	UJ	mg/kg	0.94		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	100-01-6	4-NITROANILINE	4.7	UJ	mg/kg	4.7		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	100-02-7	4-NITROPHENOL	4.7	UJ	mg/kg	4.7		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	83-32-9	ACENAPHTHENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.099	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	120-12-7	ANTHRACENE	0.23	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.4453	=	mg/kg			Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.84	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.72	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	1.2	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.43	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.91	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	4	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	86-74-8	CARBAZOLE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	218-01-9	CHRYSENE	1.2	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	132-64-9	DIBENZOFURAN	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.94	U	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.18	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	206-44-0	FLUORANTHENE	1.9	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	86-73-7	FLUORENE	0.11	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	118-74-1	HEXACHLOROENZENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.41	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	78-59-1	ISOPHORONE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	91-20-3	NAPHTHALENE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	4.7	UJ	mg/kg	4.7		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	85-01-8	PHENANTHRENE	0.9	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	108-95-2	PHENOL	0.94	UJ	mg/kg	0.94		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA	129-00-0	PYRENE	1.4	J	mg/kg	0.94		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	BNA TOTALS		TOTAL BNA (NO TICS)	14.529	V	mg/kg			Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0001	J	mg/kg	0.0001		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0002	UJ	mg/kg	0.0002		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0005	UJ	mg/kg	0.0005		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0002	UJ	mg/kg	0.0002		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0013	J	mg/kg	0.0001		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0002	UJ	mg/kg	0.0002		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0002	UJ	mg/kg	0.0002		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0001	UJ	mg/kg	0.0001		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0003	UJ	mg/kg	0.0003		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.25	U	mg/kg	0.25		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.25	U	mg/kg	0.25		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.25	U	mg/kg	0.25		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.26	U	mg/kg	0.26		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	2691-41-0	HMX	2.2	U	mg/kg	2.2		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.26	U	mg/kg	0.26		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	121-82-4	RDX	1.1	U	mg/kg	1.1		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	EXPLOSIVES	479-45-8	TETRYL	0.74	U	mg/kg	0.74		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	36.8	J	%	0.1		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7095	SD-0619L	0	0	8/4/1994	SE	N	INORGANIC	% SOLIDS	% SOLIDS	38.6	J	%	0.1		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	INORGANIC	PH	PH	6.2	J	ph units	0.01		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7429-90-5	ALUMINIUM, TOTAL	14400	J	mg/kg	4.1		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.8	J	mg/kg	3.9		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	29.5	J	mg/kg	3.3		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-39-3	BARIUM, TOTAL	37.8	J	mg/kg	0.75		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2	J	mg/kg	0.16		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.75	J	mg/kg	0.49		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	1470	J	mg/kg	8.1		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	38.5	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-48-4	COBALT, TOTAL	13.3	J	mg/kg	0.75		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-50-8	COPPER, TOTAL	99.7	J	mg/kg	0.41		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	57-12-5	CYANIDE, TOTAL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7439-89-6	IRON, TOTAL	28700	J	mg/kg	2.8		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7439-92-1	LEAD, TOTAL	120	J	mg/kg	17.5		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	3800	J	mg/kg	9.2		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	99.6	J	mg/kg	1.2		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.74	J	mg/kg	0.15		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-02-0	NICKEL, TOTAL	16.2	J	mg/kg	2.1		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	1440	J	mg/kg	212		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	3.5	J	mg/kg	2.4		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-22-4	SILVER, TOTAL	1.8	J	mg/kg	0.84		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-23-5	SODIUM, TOTAL	13600	J	mg/kg	10.1		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	3.3	UJ	mg/kg	3.3		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	31.9	J	mg/kg	1.9		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	METALS	7440-66-6	ZINC, TOTAL	247	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	20100	J	mg/kg	1430		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PCBS	12674-11-2	AROCLO-1016	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PCBS	11104-28-2	AROCLO-1221	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PCBS	11141-16-5	AROCLO-1232	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PCBS	53469-21-9	AROCLO-1242	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PCBS	12672-29-6	AROCLO-1248	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PCBS	11097-69-1	AROCLO-1254	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PCBS	11096-82-5	AROCLO-1260	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.017	J	mg/kg	0.025		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.13	UJ	mg/kg	0.13		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0												

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	78-93-3	2-BUTANONE	0.093	J	mg/kg	0.039		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	591-78-6	2-HEXANONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	67-64-1	ACETONE	0.47	J	mg/kg	0.038		Yes
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	71-43-2	BENZENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	75-25-2	BROMOFORM	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	74-83-9	BROMOMETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	75-15-0	CARBON DISULFIDE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	108-90-7	CHLOROBENZENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	75-00-3	CHLOROETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	67-66-3	CHLOROFORM	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	74-87-3	CHLOROMETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	100-41-4	ETHYLBENZENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	75-09-2	METHYLENE CHLORIDE	0.062	U	mg/kg	0.019		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	100-42-5	STYRENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	108-88-3	TOLUENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	79-01-6	TRICHLOROETHYLENE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	75-01-4	VINYL CHLORIDE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA	1330-20-7	XYLENES (TOTAL)	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SED	SW0619	Surface Water Estuarine	608147.209	540879.355	7071	SD-0619L	0	0	8/4/1994	SE	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.559	V	mg/kg			Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	88-74-4	2-NITROANILINE	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	99-09-2	3-NITROANILINE	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.99	U	mg/kg	0.99		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.031	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.043	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.30881	=	mg/kg			Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.24	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.22	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.19	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.14	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.25	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.29	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	218-01-9	CHRYSENE	0.31	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.032	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	206-44-0	FLUORANTHENE	0.51	V	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	86-73-7	FLUORENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.11	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.14	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	108-95-2	PHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	BNA	129-00-0	PYRENE	0.49	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	213	V	ug/l	100		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	13131	SD0627	0	0	7/13/2005	SE	N	INORGANIC	% SOLIDS	% SOLIDS	39	V	%	1		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	INORGANIC		Moisture	60	V	%			Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	14700	J	mg/kg	26.4		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.8	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	32.1	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	37.8	J	mg/kg	26.4		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.96	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.61	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	1490	J	mg/kg	660		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	36.1	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	10	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	75.8	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	0.67	B	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	56600	J	mg/kg	13.2		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	71.8	J	mg/kg	0.4		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	2270	J	mg/kg	660		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	120	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.29	J	mg/kg	0.088		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-02-0	NICKEL, TOTAL	15.9	J	mg/kg	5.3		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	1540	J	mg/kg	660		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212																

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	0.46	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-23-5	SODIUM, TOTAL	4040	J	mg/kg	660		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	1.5	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	59.1	J	mg/kg	2.6		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	11778	SD0627	0	0.5	7/13/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	92.7	J	mg/kg	2.6		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	13131	SD0627	0	0	7/13/2005	SE	N	ORGANIC	3383-96-8	TEMEPHOS	0.26	U	mg/kg	0.26		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	31900	V	mg/kg	247		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PCBS	11096-82-5	AROCLO-1260	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.36	DJ	mg/kg	0.025		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.022	J	mg/kg	0.0038		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.003	NJ	mg/kg	0.0012		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0075	NJ	mg/kg	0.0012		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0012	UJ	mg/kg	0.0012		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0012	UJ	mg/kg	0.0012		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0063	UJ	mg/kg	0.0063		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.006	J	mg/kg	0.00063		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0081	NJ	mg/kg	0.0063		Yes
Area 6	Area6_SED	SW0627	Surface Water Estuarine	608925.7699	538212.8054	12656	SD0627	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	88-74-4	2-NITROANILINE	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	99-09-2	3-NITROANILINE	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	100-01-6	4-NITROANILINE	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.029	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.049	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.2	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.13	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.25	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.18	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	218-01-9	CHRYSENE	0.3	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	206-44-0	FLUORANTHENE	0.46	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	86-73-7	FLUORENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.11	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	0.99	U	mg/kg	0.99		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.13	J	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	108-95-2	PHENOL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	BNA	129-00-0	PYRENE	0.53	V	mg/kg	0.5		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	117	V	ug/l	100		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	13132	SD0628	0	0	7/13/2005	SE	N	INORGANIC	% SOLIDS	% SOLIDS	47	V	%	1		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	INORGANIC		Moisture	60	V	%			Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	9410	J	mg/kg	22.8		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	9.7	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	18.6	J	mg/kg	22.8		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.7	J	mg/kg	0.57		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.32	J	mg/kg	0.57		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	927	J	mg/kg	571		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	25.8	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	5.7	J	mg/kg	0.57		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	40	J	mg/kg	0.57		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	0.38	B	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	21400	J	mg/kg	11.4		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	29.8	J	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1410	J	mg/kg	571		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	33.9	J	mg/kg	1.1		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.15	J	mg/kg	0.076		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-02-0	NICKEL, TOTAL	10.6	J	mg/kg	4.6		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	1060	J	mg/kg	571		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	1	J	mg/kg	0.57		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	0.15	UJ	mg/kg	0.57		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-23-5	SODIUM, TOTAL	3120	J	mg/kg	571		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	0.46	UJ	mg/kg	1.1		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	39.7	J	mg/kg	2.3		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	11779	SD0628	0	0.5	7/13/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	60.3	J	mg/kg	2.3		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	13132	SD0628	0	0	7/13/2005	SE	N	ORGANIC	3383-96-8	TEMEPHOS	0.21	U	mg/kg	0.21		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246																

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PCBS	11096-82-5	AROCLOL-1260	0.047	UJ	mg/kg	0.047		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0071	J	mg/kg	0.0012		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.011	J	mg/kg	0.0038		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.00046	J	mg/kg	0.0012		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0012	UJ	mg/kg	0.0012		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0012	UJ	mg/kg	0.0012		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0012	UJ	mg/kg	0.0012		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0025	UJ	mg/kg	0.0025		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0063	UJ	mg/kg	0.0063		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00029	J	mg/kg	0.00063		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.0049	NJ	mg/kg	0.00063		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00063	UJ	mg/kg	0.00063		No
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0091	NJ	mg/kg	0.0063		Yes
Area 6	Area6_SED	SW0628	Surface Water Estuarine	608971.5359	538246.5104	12657	SD0628	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	1.3	U	mg/kg	1.3		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	88-74-4	2-NITROANILINE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	99-09-2	3-NITROANILINE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.3	U	mg/kg	1.3		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.3	U	mg/kg	1.3		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	100-01-6	4-NITROANILINE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	1.3	U	mg/kg	1.3		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.51121	=	mg/kg			Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.15	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.14	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.17	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.1	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.15	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.73	V	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	218-01-9	CHRYSENE	0.21	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	206-44-0	FLUORANTHENE	0.36	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	86-73-7	FLUORENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	118-74-1	HEXACHLORO BENZENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.075	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	1.3	U	mg/kg	1.3		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.081	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	108-95-2	PHENOL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	BNA	129-00-0	PYRENE	0.32	J	mg/kg	0.66		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	69.1	B	ug/l	100		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	13133	SD0629	0	0	7/13/2005	SE	N	INORGANIC	% SOLIDS	% SOLIDS	27	V	%	1		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	INORGANIC		Moisture	70	V	%			Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	12600	J	mg/kg	29		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	24.9	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	40.1	J	mg/kg	29		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.1	J	mg/kg	0.72		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	1.3	J	mg/kg	0.72		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	1530	J	mg/kg	725		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	29.1	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	10.6	J	mg/kg	0.72		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	84.1	J	mg/kg	0.72		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	1.2	B	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	63500	J	mg/kg	14.5		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	82	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1730	J	mg/kg	725		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	125	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.41	J	mg/kg	0.097		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-02-0	NICKEL, TOTAL	16.1	J	mg/kg	5.8		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	1010	J	mg/kg	725		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	0.98	J	mg/kg	0.72		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	0.4	J	mg/kg	0.72		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-23-5	SODIUM, TOTAL	4200	J	mg/kg	725		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	2.1	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	55.2	J	mg/kg	2.9		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	11780	SD0629	0	0.5	7/13/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	146	J	mg/kg	2.9		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	13133	SD0629	0	0	7/13/2005	SE	N	ORGANIC	3383-96-8	TEMEPHOS	0.37	U	mg/kg	0.37		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	37900	V	mg/kg	333		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PCBS	11096-82-5	AROCLOR-1260	0.062	UJ	mg/kg	0.062		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.004	J	mg/kg	0.0033		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0052	J	mg/kg	0.0017		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0022	J	mg/kg	0.005		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00084	UJ	mg/kg	0.00084		No
Area 6	Area																				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.00081	J	mg/kg	0.0017		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0085	NJ	mg/kg	0.0017		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00084	UJ	mg/kg	0.00084		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0017	UJ	mg/kg	0.0017		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0017	UJ	mg/kg	0.0017		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0033	UJ	mg/kg	0.0033		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0033	UJ	mg/kg	0.0033		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0033	UJ	mg/kg	0.0033		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0033	UJ	mg/kg	0.0033		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00084	UJ	mg/kg	0.00084		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.005	NJ	mg/kg	0.00084		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00021	J	mg/kg	0.00084		Yes
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00084	UJ	mg/kg	0.00084		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0083	UJ	mg/kg	0.0083		No
Area 6	Area6_SED	SW0629	Surface Water Estuarine	608876.8752	538205.2198	12658	SD0629	0	0.5	7/13/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	0.87	U	mg/kg	0.87		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	88-74-4	2-NITROANILINE	0.87	U	mg/kg	0.87		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	99-09-2	3-NITROANILINE	0.87	U	mg/kg	0.87		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	0.87	U	mg/kg	0.87		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	0.87	U	mg/kg	0.87		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	100-01-6	4-NITROANILINE	0.87	U	mg/kg	0.87		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	0.87	U	mg/kg	0.87		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.08	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.035	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.23	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.93537	=	mg/kg			Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.74	V	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.64	V	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.66	V	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.26	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.75	V	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1.6	V	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.06	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	218-01-9	CHRYSENE						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.076	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	206-44-0	FLUORANTHENE	1.8	V	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	86-73-7	FLUORENE	0.12	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	118-74-1	HEXACHLORO BENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.27	J	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	0.87	U	mg/kg	0.87		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.72	V	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	108-95-2	PHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	BNA	129-00-0	PYRENE	1.6	V	mg/kg	0.43		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	EXPLOSIVES	35572-78-2	2-AMINO-4,6-DINITROTOLUENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	EXPLOSIVES	19406-51-0	4-AMINO-2,6-DINITROTOLUENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	EXPLOSIVES	2691-41-0	HMX	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	EXPLOSIVES	121-82-4	RDX	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	EXPLOSIVES	479-45-8	TETRYL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	100	U	ug/l	100		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	13134	SD0630	0	0	7/20/2005	SE	N	INORGANIC	% SOLIDS	% SOLIDS	70	V	%	1		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	INORGANIC		Moisture	24	V	%			Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	3910	J	mg/kg	13.5		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.78	J	mg/kg	0.67		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	3.2	J	mg/kg	0.67		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	10	J	mg/kg	13.5		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.59	J	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.55	V	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	353	J	mg/kg	337		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	10	J	mg/kg	0.67		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	4.1	J	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	25.8	V	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	0.29	B	mg/kg	0.68		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	9690	J	mg/kg	6.7		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	28	J	mg/kg	0.2		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	452	J	mg/kg	337		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	25.2	J	mg/kg	0.67		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.053	V	mg/kg	0.045		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-02-0	NICKEL, TOTAL	5.2	J	mg/kg	2.7		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	215	J	mg/kg	337		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	0.56	J	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	0.1	J	mg/kg	0.34		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-23-5	SODIUM, TOTAL	313	J	mg/kg	337		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	0.27	UJ	mg/kg	0.67		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	21.2	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	11781	SD0630	0	0.5	7/20/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	67	J	mg/kg	1.3		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	13134	SD0630	0	0	7/20/2005	SE	N	ORGANIC	3383-96-8	TEMEPHOS	0.14	U	mg/kg	0.14		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	19900	V	mg/kg	131		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PCBS	11096-82-5	AROCLOL-1260	0.041	U	mg/kg	0.041		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0022	U	mg/kg	0.0022		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0016	V	mg/kg	0.0011		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321																

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00055	U	mg/kg	0.00055		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0014	NJ	mg/kg	0.00055		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.00066	J	mg/kg	0.0011		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0011	U	mg/kg	0.0011		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00055	U	mg/kg	0.00055		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.00062	J	mg/kg	0.0011		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0011	U	mg/kg	0.0011		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0022	U	mg/kg	0.0022		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0022	U	mg/kg	0.0022		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0022	U	mg/kg	0.0022		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0022	U	mg/kg	0.0022		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0055	U	mg/kg	0.0055		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00055	U	mg/kg	0.00055		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.0044	NJ	mg/kg	0.00055		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00055	U	mg/kg	0.00055		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00055	U	mg/kg	0.00055		No
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.01	NJ	mg/kg	0.0055		Yes
Area 6	Area6_SED	SW0630	Surface Water Estuarine	609297.003	539321.0259	12659	SD0630	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	88-74-4	2-NITROANILINE	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	99-09-2	3-NITROANILINE	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	100-01-6	4-NITROANILINE	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.045	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.075	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.43462	=	mg/kg			Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.27	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.3	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.32	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.15	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.33	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.71	V	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.52	U	mg/kg	0.52		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.057	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	206-44-0	FLUORANTHENE	0.58	V	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	86-73-7	FLUORENE	0.037	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.15	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	1	U	mg/kg	1		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.2	J	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	108-95-2	PHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	BNA	129-00-0	PYRENE	0.66	V	mg/kg	0.52		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	EXPLOSIVES	35572-78-2	2-AMINO-4,6-DINITROTOLUENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	EXPLOSIVES	19406-51-0	4-AMINO-2,6-DINITROTOLUENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	EXPLOSIVES	2691-41-0	HMX	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	EXPLOSIVES	121-82-4	RDX	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	EXPLOSIVES	479-45-8	TETRYL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	308	V	ug/l	100		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	13135	SD0631	0	0	7/20/2005	SE	N	INORGANIC	% SOLIDS	% SOLIDS	64	V	%	1		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	INORGANIC		Moisture	36	V	%			Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	5790	J	mg/kg	15.5		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.4	J	mg/kg	0.78		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	7.5	J	mg/kg	0.78		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	16.4	J	mg/kg	15.5		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.78	J	mg/kg	0.39		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	0.72	V	mg/kg	0.39		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	721	J	mg/kg	388		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	16.9	J	mg/kg	0.78		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	6.1	J	mg/kg	0.39		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	39.1	V	mg/kg	0.39		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	0.48	B	mg/kg	0.78		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	14400	J	mg/kg	7.8		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	26.7	J	mg/kg	0.23		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1190	J	mg/kg	388		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	39.4	J	mg/kg	0.78		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.15	V	mg/kg	0.046		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-02-0	NICKEL, TOTAL	8.4	J	mg/kg	3.1		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	687	V	mg/kg	388		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	0.98	J	mg/kg	0.39		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	0.25	J	mg/kg	0.39		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-23-5	SODIUM, TOTAL	1700	J	mg/kg	388		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	0.31	UJ	mg/kg	0.78		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	27.5	J	mg/kg	1.6		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	11782	SD0631	0	0.5	7/20/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	77.4	J	mg/kg	1.6		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	13135	SD0631	0	0	7/20/2005	SE	N	ORGANIC	3383-96-8	TEMEPHOS	6.3	V	mg/kg	1.6		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	24800	V	mg/kg	156		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PCBS	11096-82-5	AROCLO-1260	0.048	U	mg/kg	0.048		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	1															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0033	V	mg/kg	0.0013		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0039	U	mg/kg	0.0039		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00066	U	mg/kg	0.00066		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.00066	U	mg/kg	0.00066		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.00055	J	mg/kg	0.0013		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0055	NJ	mg/kg	0.0013		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00066	U	mg/kg	0.00066		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0013	U	mg/kg	0.0013		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0013	U	mg/kg	0.0013		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0026	U	mg/kg	0.0026		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0026	U	mg/kg	0.0026		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0026	U	mg/kg	0.0026		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0026	U	mg/kg	0.0026		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00066	U	mg/kg	0.00066		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.0031	NJ	mg/kg	0.00066		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0022	NJ	mg/kg	0.00066		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00066	U	mg/kg	0.00066		No
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0078	J	mg/kg	0.0065		Yes
Area 6	Area6_SED	SW0631	Surface Water Estuarine	608164.418	540866.0705	12660	SD0631	0	0.5	7/20/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	88-74-4	2-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	88-74-4	2-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	99-09-2	3-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	99-09-2	3-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.2	U	mg/kg			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	100-01-6	4-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	100-01-6	4-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.086	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.053	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.09	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.19	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.31131	=	mg/kg			Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.54737	=	mg/kg			Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.39	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.22	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.36	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.2	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.36	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.19	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.29	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.2	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.38	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.52	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.35	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHthalATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHthalATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	218-01-9	CHRYSENE	0.57	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	218-01-9	CHRYSENE	0.31	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.046	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.08	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	206-44-0	FLUORANTHENE	0.54	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	206-44-0	FLUORANTHENE	0.91	V	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	86-73-7	FLUORENE	0.069	J	mg/kg	0.58		Yes
Area 6	Area6_SE																				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.28	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.17	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.51	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.22	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	108-95-2	PHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	108-95-2	PHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	BNA	129-00-0	PYRENE	0.89	V	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	BNA	129-00-0	PYRENE	0.5	J	mg/kg	0.6		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	453	V	ug/l	100		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	INORGANIC		Moisture	66	V	%			Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	INORGANIC		Moisture	66.3	V	%			Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	INORGANIC		Moisture	67	V	%			Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	16600	J	mg/kg	29.4		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.6	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	48.3	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	55.4	J	mg/kg	29.4		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2	J	mg/kg	0.73		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	2.4	J	mg/kg	0.73		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	2000	J	mg/kg	734		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	62.9	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	15.5	J	mg/kg	0.73		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	177	J	mg/kg	0.73		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	0.42	U	mg/kg	1.5		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	35900	J	mg/kg	14.7		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	108	J	mg/kg	0.44		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	4420	J	mg/kg	734		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	139	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	1.3	J	mg/kg	0.097		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-02-0	NICKEL, TOTAL	32.5	J	mg/kg	5.9		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	1850	J	mg/kg	734		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	4	J	mg/kg	0.73		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	2.1	J	mg/kg	0.73		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-23-5	SODIUM, TOTAL	5300	J	mg/kg	734		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	2.3	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	60.7	J	mg/kg	2.9		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	11783	SD0632	0	0.5	7/21/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	303	J	mg/kg	2.9		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	4070	V	mg/kg	290		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	53100	V	mg/kg	304		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PCBS	11096-82-5	AROCLO-1260	0.14	J	mg/kg	0.055		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PCBS	11096-82-5	AROCLO-1260	0.095	J	mg/kg	0.056		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PC								

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.003	UJ	mg/kg	0.003		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0062	J	mg/kg	0.0015		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0046	J	mg/kg	0.0015		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0044	UJ	mg/kg	0.0044		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0045	UJ	mg/kg	0.0045		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00076	UJ	mg/kg	0.00076		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.00076	UJ	mg/kg	0.00076		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00076	UJ	mg/kg	0.00076		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.003	UJ	mg/kg	0.003		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.003	UJ	mg/kg	0.003		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.003	UJ	mg/kg	0.003		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.003	UJ	mg/kg	0.003		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0076	UJ	mg/kg	0.0076		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0074	UJ	mg/kg	0.0074		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00076	UJ	mg/kg	0.00076		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.0024	J	mg/kg	0.00076		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.0044	J	mg/kg	0.00074		Yes
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00076	UJ	mg/kg	0.00076		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00076	UJ	mg/kg	0.00076		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0074	UJ	mg/kg	0.0074		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0076	UJ	mg/kg	0.0076		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12967	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SED	SW0632	Surface Water Estuarine	606509.0855	539874.884	12661	SD0632	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	88-74-4	2-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.62	U	mg/kg	0.62		No
Area 6																					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	100-01-6	4-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.064	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.16	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.41457	=	mg/kg			Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.25	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.25	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.28	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.31	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.32	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	5	V	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	218-01-9	CHRYSENE	0.37	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.079	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	206-44-0	FLUORANTHENE	0.61	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	86-73-7	FLUORENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.29	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.17	J	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	108-95-2	PHENOL	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	BNA	129-00-0	PYRENE	0.62	V	mg/kg	0.62		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	632	V	ug/l	100		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	INORGANIC		Moisture	68	V	%			Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	22900	J	mg/kg	30.3		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	5.7	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	65.1	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	95.1	J	mg/kg	30.3		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2.2	J	mg/kg	0.76		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	3	J	mg/kg	0.76		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	2130	J	mg/kg	758		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	82.9	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	19.4	J	mg/kg	0.76		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	263	J	mg/kg	0.76		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	0.81	B	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	45500	J	mg/kg	15.2		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	154	J	mg/kg	0.45		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5												

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	171	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	1.6	J	mg/kg	0.09		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-02-0	NICKEL, TOTAL	39.8	J	mg/kg	6.1		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	2270	J	mg/kg	758		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	5.4	J	mg/kg	0.76		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	3	J	mg/kg	0.76		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-23-5	SODIUM, TOTAL	2770	J	mg/kg	758		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	2.1	J	mg/kg	1.5		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	78.2	J	mg/kg	3		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	11785	SD0634	0	0.5	7/21/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	366	J	mg/kg	3		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	5110	V	mg/kg	312		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PCBS	11096-82-5	AROCLOL-1260	1.5	J	mg/kg	0.058		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0031	UJ	mg/kg	0.0031		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.016	J	mg/kg	0.0016		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0047	UJ	mg/kg	0.0047		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00079	UJ	mg/kg	0.00079		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.00079	UJ	mg/kg	0.00079		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.0016	UJ	mg/kg	0.0016		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0016	UJ	mg/kg	0.0016		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00079	UJ	mg/kg	0.00079		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0016	UJ	mg/kg	0.0016		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0016	UJ	mg/kg	0.0016		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0031	UJ	mg/kg	0.0031		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0031	UJ	mg/kg	0.0031		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0031	UJ	mg/kg	0.0031		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0031	UJ	mg/kg	0.0031		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0078	UJ	mg/kg	0.0078		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00079	UJ	mg/kg	0.00079		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.021	NJ	mg/kg	0.00079		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00079	UJ	mg/kg	0.00079		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0041	NJ	mg/kg	0.00079		Yes
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0078	UJ	mg/kg	0.0078		No
Area 6	Area6_SED	SW0634	Surface Water Estuarine	606960.635	538761.739	12665	SD0634	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	88-74-4	2-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	99-09-2	3-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	100-01-6	4-NITROANILINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	6																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.1	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.14	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.70035	=	mg/kg			Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.43	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	50-32-8	BENZO(A)PYRENE	0.44	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.5	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.48	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.47	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	2.9	V	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	218-01-9	CHRYSENE	0.65	V	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.12	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.048	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	206-44-0	FLUORANTHENE	1	V	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	86-73-7	FLUORENE	0.046	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.42	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.28	J	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	108-95-2	PHENOL	0.58	U	mg/kg	0.58		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	BNA	129-00-0	PYRENE	1.1	V	mg/kg	0.58		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	804	V	ug/l	100		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	13137	SD0635	0	0	7/21/2005	SE	N	INORGANIC	% SOLIDS	% SOLIDS	34	V	%	1		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	INORGANIC		Moisture	66	V	%			Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	17700	J	mg/kg	27.9		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.8	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	34.8	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	35.9	J	mg/kg	27.9		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.4	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	1.8	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	1440	J	mg/kg	696		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	51.1	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	11.9	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	139	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	1.4	B	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	39800	J	mg/kg	13.9		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	108	J	mg/kg	0.42		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	2570	J	mg/kg	696		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	87.7	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	0.75	J	mg/kg	0.084		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-02-0	NICKEL, TOTAL	20.7	J	mg/kg	5.6		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	1230	J	mg/kg	696		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	2.8	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	1.2	J	mg/kg	0.7		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440							

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	0.91	J	mg/kg	1.4		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	78.1	J	mg/kg	2.8		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	11786	SD0635	0	0.5	7/21/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	180	J	mg/kg	2.8		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	13137	SD0635	0	0	7/21/2005	SE	N	ORGANIC	3383-96-8	TEMEPHOS	0.3	U	mg/kg	0.3		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	3770	V	mg/kg	295		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PCBS	11096-82-5	AROCOR-1260	1.1	DJ	mg/kg	0.11		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0093	J	mg/kg	0.0015		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0044	UJ	mg/kg	0.0044		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0015	UJ	mg/kg	0.0015		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0029	UJ	mg/kg	0.0029		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0074	UJ	mg/kg	0.0074		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.0093	J	mg/kg	0.00074		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00036	J	mg/kg	0.00074		Yes
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00074	UJ	mg/kg	0.00074		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0074	UJ	mg/kg	0.0074		No
Area 6	Area6_SED	SW0635	Surface Water Estuarine	607416.997	538192.338	12666	SD0635	0	0.5	7/21/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	51-28-5	2,4-DINITROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	95-57-8	2-CHLOROPHENOL	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	88-74-4	2-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	88-75-5	2-NITROPHENOL	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	99-09-2	3-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	106-47-8	4-CHLOROANILINE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	106-44-5	4-METHYLPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	100-01-6	4-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	100-02-7	4-NITROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	83-32-9	ACENAPHTHENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	208-96-8	ACENAPHTHYLENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	120-12-7	ANTHRACENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.61669	=	mg/kg			Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.14	J	mg/kg	0.86		Yes
Area 6																					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.14	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.15	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.78	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	86-74-8	CARBAZOLE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	218-01-9	CHRYSENE	0.19	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	132-64-9	DIBENZOFURAN	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	84-66-2	DIETHYL PHTHALATE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	206-44-0	FLUORANTHENE	0.31	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	86-73-7	FLUORENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	118-74-1	HEXACHLOROBENZENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	67-72-1	HEXACHLOROETHANE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.12	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	78-59-1	ISOPHORONE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	91-20-3	NAPHTHALENE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	98-95-3	NITROBENZENE (BNA)	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	87-86-5	PENTACHLOROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	85-01-8	PHENANTHRENE	0.067	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	108-95-2	PHENOL	0.86	U	mg/kg	0.86		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	BNA	129-00-0	PYRENE	0.33	J	mg/kg	0.86		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	35572-78-2	2-AMINO-4,6-DINITROTOLUENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	19406-51-0	4-AMINO-2,6-DINITROTOLUENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	2691-41-0	HMX	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	121-82-4	RDX	0.62	U	mg/kg	0.62		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	EXPLOSIVES	479-45-8	TETRYL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	GENERAL CHEMISTRY	7664-41-7	AMMONIA	317	V	ug/l	100		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	INORGANIC		Moisture	75.6	V	%			Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7429-90-5	ALUMINUM, TOTAL	19500	J	mg/kg	41		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.1	J	mg/kg	2		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-38-2	ARSENIC, TOTAL	60.5	J	mg/kg	2		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-39-3	BARIUM, TOTAL	65	J	mg/kg	41		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2.3	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-43-9	CADMIUM, TOTAL	2.5	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-70-2	CALCIUM, TOTAL	2490	J	mg/kg	1020		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-47-3	CHROMIUM, TOTAL	84.9	J	mg/kg	2		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-48-4	COBALT, TOTAL	22.4	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-50-8	COPPER, TOTAL	278	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	57-12-5	CYANIDE, TOTAL	0.57	U	mg/kg	2		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7439-89-6	IRON, TOTAL	40800	J	mg/kg	20.5		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7439-92-1	LEAD, TOTAL	147	J	mg/kg	0.61		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5740	J	mg/kg	1020		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7439-96-5	MANGANESE, TOTAL	346	J	mg/kg	2		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7439-97-6	MERCURY, TOTAL	2.1	J	mg/kg	0.14		Yes
Area 6	Area6_SED	SW0636	Surface Water Est																		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-09-7	POTASSIUM, TOTAL	2650	J	mg/kg	1020		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7782-49-2	SELENIUM, TOTAL	8	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-22-4	SILVER, TOTAL	2.8	J	mg/kg	1		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-23-5	SODIUM, TOTAL	10700	J	mg/kg	1020		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-28-0	THALLIUM, TOTAL	0.82	UJ	mg/kg	2		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-62-2	VANADIUM, TOTAL	76.1	J	mg/kg	4.1		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	METALS	7440-66-6	ZINC, TOTAL	330	J	mg/kg	4.1		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	12667	SD0636	0	0.5	7/22/2005	SE	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	72100	V	mg/kg	440		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PCBS	11096-82-5	AROCLOL-1260	0.04	UJ	mg/kg	0.04		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0022	UJ	mg/kg	0.0022		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.011	J	mg/kg	0.0011		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0033	UJ	mg/kg	0.0033		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.00055	UJ	mg/kg	0.00055		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.00055	UJ	mg/kg	0.00055		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.0019	J	mg/kg	0.0011		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0011	UJ	mg/kg	0.0011		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.00055	UJ	mg/kg	0.00055		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0049	NJ	mg/kg	0.0011		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0011	UJ	mg/kg	0.0011		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0022	UJ	mg/kg	0.0022		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0022	UJ	mg/kg	0.0022		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0022	UJ	mg/kg	0.0022		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0022	UJ	mg/kg	0.0022		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0054	UJ	mg/kg	0.0054		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.00055	UJ	mg/kg	0.00055		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.01	NJ	mg/kg	0.00055		Yes
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.00055	UJ	mg/kg	0.00055		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.00055	UJ	mg/kg	0.00055		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.0054	UJ	mg/kg	0.0054		No
Area 6	Area6_SED	SW0636	Surface Water Estuarine	606455.213	540365.0772	11787	SD0636	0	0.5	7/22/2005	SE	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/199											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.28	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.36	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.76	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.23	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.37	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.69	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.34	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.83	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	4.22	V	mg/kg			Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	28.4	J	%	0.1		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.3	J	ph units	0.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	96.2	J	mg/kg	10.5		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIIUM, TOTAL	59.7	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.71	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	60.5	J	mg/kg	1.1		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	289	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	243	J	mg/kg	6.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.71	J	mg/kg	0.25		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	19.2	J	mg/kg	3.3		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	7	J	mg/kg	2.4		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	3.8	J	mg/kg	0.66		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	64.5	J	mg/kg	0.69		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCCLOR-1016	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCCLOR-1221	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCCLOR-1232	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCCLOR-1242	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCCLOR-1248	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCCLOR-1254	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCCLOR-1260	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.042	J	mg/kg	0.28		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	15	V	mg/kg	0.94		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.2	U	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601																			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	106-47-8	4-CHLORANILINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.649061	=	mg/kg			Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.069	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.091	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.061	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.1	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.13	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.451	V	mg/kg			Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	55	V	%	0.1		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	INORGANIC	PH	PH	4.3	V	ph units	0.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.8	J	mg/kg	1.1		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	61	V	mg/kg	5.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	65.1	V	mg/kg	0.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.79	V	mg/kg	0.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.17	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	53.7	V	mg/kg	0.54		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	69.3	V	mg/kg	0.27		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	72.4	V	mg/kg	3		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.26	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	26.2	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.6	V	mg/kg	1.2		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1	V	mg/kg	0.32		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.7	J-	mg/kg	1.4		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	93.8	V	mg/kg	0.34		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.9	U	mg/kg	0.9		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.063	J	mg/kg	0.018		Yes
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1												

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.063	V	mg/kg			Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.44236	=	mg/kg			Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.091	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.11	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.2	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.063	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.13	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.55	U	mg/kg	0.55		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.18	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.09	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.2	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.064	V	mg/kg			Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	60.5	V	%	0.1		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.4	V	ph units	0.2		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	20500	V	mg/kg	3.5		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	49	V	mg/kg	5.1		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	94	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.63	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	656	V	mg/kg	1.7		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	58.5	V	mg/kg	0.53		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	7.5	V	mg/kg	0.47		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	87	J+	mg/kg	0.26		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	45000	V	mg/kg	0.71		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	112	V	mg/kg	3		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5380	V	mg/kg	5.6		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	157	V	mg/kg	0.11		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.37	V	mg/kg	0.13		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.4	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	4260	J+	mg/kg	66.3		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2	V	mg/kg	1.2		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.5	V	mg/kg	0.32		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	904	V	mg/kg	1.9		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	74.3	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	71.3	V	mg/kg	0.33		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.043	V	mg/kg	0.13		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.065	U	mg/kg	0.065		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.92	U	mg/kg	0.92		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.042	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.003	J	mg/kg	0.008		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.003	V	mg/kg			Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROENZENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROENZENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROENZENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROENZENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.9	UJ	mg/kg	0.9		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.03995	U	mg/kg			No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.18	J	mg/kg	0.9		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.9	U	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.11	J	mg/kg	0.9		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.13	J	mg/kg	0.9		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.42	V	mg/kg			Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	35.9	J	%	0.1		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	INORGANIC	PH	PH	4.4	J	ph units	0.2		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	24300	J	mg/kg	6.5		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	60.4	J	mg/kg	9.6		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	96	J	mg/kg	0.36		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1	J	mg/kg	0.36		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	766	J	mg/kg	3.1		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	66.3	J	mg/kg	0.99		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	9.8	J	mg/kg	0.89		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	105	J	mg/kg	0.49		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	53900	J	mg/kg	1.3		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	125	J	mg/kg	5.6		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5850	J	mg/kg	10.4		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	168	J	mg/kg	0.21		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	27.4	J	mg/kg	3		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	5620	J	mg/kg	124		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	4.8	J	mg/kg	2.3		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.3	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1570	J	mg/kg	3.5		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	3.4	J	mg/kg	2.7		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	86.4	J	mg/kg	0.57		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	125	J	mg/kg	0.62		Yes
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	2.2	UJ	mg/kg	2.2		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	2.2	UJ	mg/kg	2.2		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.2	UJ	mg/kg	2.2		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.014	UJ	mg/kg	0.014		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_SS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2	UJ	mg/kg	2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.76034	=	mg/kg			Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.22	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.18	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.45	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.23	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1	UJ	mg/kg	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.24	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.41	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.12	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.22	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.52	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.7	V	mg/kg			Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	33.1	J	%	0.1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.3	J	ph units	0.2		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	238	J	mg/kg	8.8		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	51.9	J	mg/kg	0.34		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.38	J	mg/kg	0.34		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	90.2	J	mg/kg	0.91		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	200	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	262	J	mg/kg	5.2		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.2	J	mg/kg	0.26		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.5	J	mg/kg	2.8		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	15.1	J	mg/kg	2		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	4.4	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	69.8	J	mg/kg	0.58		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.24	UJ	mg/kg	0.24		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.03	J	mg/kg	0.12		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	6.5	V	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	B								

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.70518	=	mg/kg			Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.12	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.11	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.28	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.18	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.25	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.13	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.34	J	mg/kg	1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.77	V	mg/kg			Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	32.7	J	%	0.1		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	INORGANIC	PH	PH	4.1	J	ph units	0.2		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2	UJ	mg/kg	2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	107	J	mg/kg	9		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	68.6	J	mg/kg	0.34		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.57	J	mg/kg	0.34		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	64.7	J	mg/kg	0.93		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	118	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	157	J	mg/kg	5.3		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.97	J	mg/kg	0.24		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	25.5	J	mg/kg	2.9		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	6.2	J	mg/kg	2.1		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	65.5	J	mg/kg	0.59		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	11	V	mg/kg	0.96		Yes
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.11	U	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.47437	=	mg/kg			Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.17	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.12	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.28	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.17	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.34	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.071	J	mg/kg	0.61		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.17	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.4	J	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.071	V	mg/kg			Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	53.9	V	%	0.1		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.2	V	ph units	0.2		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.3	J-	mg/kg	1.2		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	72.8	V	mg/kg	5.3		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	90.4	V	mg/kg	0.2		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.59	V	mg/kg	0.2		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.074	U	mg/kg	0.074		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	54.7	V	mg/kg	0.55		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	60.7	V	mg/kg	0.28		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	96.9	V	mg/kg	3.1		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.24	V	mg/kg	0.17		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	21.6	V	mg/kg	1.7		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.9	V	mg/kg	1.3		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.2	V	mg/kg	0.33		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	57.9	V	mg/kg	0.35		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.73	U	mg/kg	0.73		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.73	U	mg/kg	0.73		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.73	U	mg/kg	0.73		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.73	U	mg/kg	0.73		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.73	U	mg/kg	0.73		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	1.5	U	mg/kg	1.5		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	1.5	U	mg/kg	1.5		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.032	V	mg/kg	0.15		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.15	U	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.058	V	mg/kg	0.15		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.073	U	mg/kg	0.073		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.073	U	mg/kg	0.073		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.73	U	mg/kg	0.73		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.073	U	mg/kg	0.073		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.073	U	mg/kg	0.073		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.15	U	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.073	U	mg/kg	0.073		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.15	U	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.15	U	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.15	U	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.15	U	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.15	U	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.073	U	mg/kg	0.073		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.73	U	mg/kg	0.73		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.073	U	mg/kg	0.073		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.073	U	mg/kg	0.073		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.73	U	mg/kg	0.73		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.5	U	mg/kg	1.5		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	8.2	V	mg/kg	0.94		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.009	U	mg/kg	0.009		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.019	U	mg/kg	0.019		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3.2	U	mg/kg	3.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3.2	U	mg/kg	3.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3.2	U	mg/kg	3.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.726075	=	mg/kg			Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.65	U	mg/kg	0.65		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.075	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.085	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.098	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.258	V	mg/kg			Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	50.8	V	%	0.1		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.4	V	ph units	0.2		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	37.5	V	mg/kg	5.9		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	104	V	mg/kg	0.23		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.84	V	mg/kg	0.23		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.08	U	mg/kg	0.08		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	54	V	mg/kg	0.61		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	69.9	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	62.3	V	mg/kg	3.5		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.2	V	mg/kg	0.18		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.1	V	mg/kg	1.9		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.4	V	mg/kg	1.4		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.99	V	mg/kg	0.37		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	59.9	V	mg/kg	0.39		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0077	U	mg/kg	0.0077		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.077	U	mg/kg	0.077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.077	U	mg/kg	0.077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.077	U	mg/kg	0.077		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.15	U	mg/kg	0.15		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1.9	V	mg/kg	0.94		Yes
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	121-14-2							

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.95	U	mg/kg	0.95		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.51272	=	mg/kg			Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.066	J	mg/kg	0.47		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.12	J	mg/kg	0.47		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.052	J	mg/kg	0.47		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.1	J	mg/kg	0.47		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.13	J	mg/kg	0.47		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.12	J	mg/kg	0.47		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.588	V	mg/kg			Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	70.3	V	%	0.1		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	5.1	V	ph units	0.2		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	21000	V	mg/kg	2.8		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.4	J-	mg/kg	0.9		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	79.5	V	mg/kg	4.1		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	95.4	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.92	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	675	V	mg/kg	1.4		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	63.9	V	mg/kg	0.43		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	10.6	V	mg/kg	0.38		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	138	V	mg/kg	0.23		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	50000	V	mg/kg	0.57		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	129	V	mg/kg	2.7		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5960	V	mg/kg	4.5		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	297	V	mg/kg	0.098		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.52	V	mg/kg	0.12		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	24.3	V	mg/kg	1.3		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	5230	V	mg/kg	53.4		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	3.8	V	mg/kg	0.99		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.69	V	mg/kg	0.28		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1300	V	mg/kg	1.5		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	76.8	V	mg/kg	0.27		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	89.2	V	mg/kg	0.27		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.014	J	mg/kg	0.11		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.042	V	mg/kg	0.11		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.62397	U	mg/kg			No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.54	U	mg/kg	0.54		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	60.5	V	%	0.1		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	INORGANIC	PH	PH	4.3	V	ph units	0.2		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	28700	V	mg/kg	3.3		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	46.6	V	mg/kg	4.8		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	64	V	mg/kg	0.18		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.99	V	mg/kg	0.18		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.07	U	mg/kg	0.07		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	455	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	53.7	V	mg/kg	0.5		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	10.5	V	mg/kg	0.45		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	61.1	V	mg/kg	0.25		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	35300	V	mg/kg	0.67		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	64	V	mg/kg	2.8		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	6850	V	mg/kg	5.2		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	191	V	mg/kg	0.1		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.28	V	mg/kg	0.14		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	30.2	V	mg/kg	1.5		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	4140	V	mg/kg	62.6		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.3	V	mg/kg	1.2		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.3	U	mg/kg	0.3		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	705	V	mg/kg	1.8		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.2	J-	mg/kg	1.4		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	66	V	mg/kg	0.29		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	95	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	12674-11-2	AROCCLOR-1016	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	11104-28-2	AROCCLOR-1221	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	11141-16-5	AROCCLOR-1232	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	53469-21-9	AROCCLOR-1242	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	12672-29-6	AROCCLOR-1248	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	11097-69-1	AROCCLOR-1254	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	11096-82-5	AROCCLOR-1260	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.013	U	mg/kg	0.013		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.043	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188																

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.74722	=	mg/kg			Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.26	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.3	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.55	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.19	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.16	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.32	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.7	U	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.54	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.14	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.27	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.6	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	3.33	V	mg/kg			Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.25	U	mg/kg	0.25		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.25	U	mg/kg	0.25		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.25	U	mg/kg	0.25		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.26	U	mg/kg	0.26		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.25	U	mg/kg	0.25		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	2.2	U	mg/kg	2.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.26	U	mg/kg	0.26		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	121-82-4	RDX	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.74	U	mg/kg	0.74		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	47.2	J	%	0.1		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.6	J	ph units	0.2		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	172	V	mg/kg	6.4		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	64	V	mg/kg	0.24		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.99	V	mg/kg	0.24		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.084	UJ	mg/kg	0.084		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	110	V	mg/kg	0.66		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	245	V	mg/kg	0.33		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	301	V	mg/kg	3.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.6	J	mg/kg	0.18		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	33.3	V	mg/kg	2		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	13.8	J	mg/kg	1.4		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	3.2	V	mg/kg	0.4		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	128	V	mg/kg	0.42		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.019	J	mg/kg	0.17		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	18	V	mg/kg	1		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.73753	=	mg/kg			Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.2	J	mg/kg	0.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.23	J	mg/kg	0.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.13	J	mg/kg	0.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	2.5	J	mg/kg	0.84		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.23	J	mg/kg	0.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.38	J	mg/kg	0.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.21	J	mg/kg	0.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.53	J	mg/kg	0.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	4.27	V	mg/kg			Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	41.5	J	%	0.1		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	INORGANIC	PH	PH	4.4	J	ph units	0.2		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.6	J	mg/kg	1.5		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	155	J	mg/kg	7.6		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	70.2	J	mg/kg	0.29		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.92	J	mg/kg	0.29		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.12	U	mg/kg	0.096		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	88.9	J	mg/kg	0.79		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	203	J	mg/kg	0.35		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	230	J	mg/kg	4		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.7	J	mg/kg	0.22		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	36.2	J	mg/kg	2.4		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	13.6	J	mg/kg	1.8		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.4	J	mg/kg	0.48		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	116	J	mg/kg	0.5		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	2	UJ	mg/kg	2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	2	UJ	mg/kg	2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1	UJ	mg/kg	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2	UJ	mg/kg	2		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	3.4	V	mg/kg	0.98		Yes
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.029	U	mg/kg	0.024		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_SS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.1																

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3.3	U	mg/kg	3.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3.3	U	mg/kg	3.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3.3	U	mg/kg	3.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.71219	=	mg/kg			Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.098	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.19	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.072	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.3	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.17	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.22	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.2	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.25	V	mg/kg			Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	50.1	V	%	0.1		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	3.9	V	ph units	0.2		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	28.7	V	mg/kg	6.4		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	105	V	mg/kg	0.25		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.59	U	mg/kg	0.25		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.092	U	mg/kg	0.092		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	43.4	V	mg/kg	0.67		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	60	V	mg/kg	0.33		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	210	V	mg/kg	3.8		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.3	V	mg/kg	0.18		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	15.3	V	mg/kg	2		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.8	J-	mg/kg	1.6		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.9	V	mg/kg	0.4		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	48.3	V	mg/kg	0.42		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.79	U	mg/kg	0.79		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.79	U	mg/kg	0.79		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.79	U	mg/kg	0.79		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.79	U	mg/kg	0.79		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.79	U	mg/kg	0.79		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	1.6	U	mg/kg	1.6		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	1.6	U	mg/kg	1.6		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.79	U	mg/kg	0.79		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.79	U	mg/kg	0.79		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.6	U	mg/kg	1.6		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	8.6	V	mg/kg	0.96		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.02	U	mg/kg	0.02		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.01	U	mg/kg	0.01		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.54	UJ	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.45276	=	mg/kg			Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.11	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.13	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.14	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.065	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.11	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.54	U	mg/kg	0.54		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.18	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.17	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.905	V	mg/kg			Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	61.7	V	%	0.1		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	3.9	V	ph units	0.2		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	19.8	J-	mg/kg	2.3		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	42.4	V	mg/kg	0.21		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.69	U	mg/kg	0.21		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.07	V	mg/kg	0.063		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	35.2	V	mg/kg	0.57		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	36.3	V	mg/kg	0.28		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	25.9	V	mg/kg	3.2		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.18	V	mg/kg	0.11		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	14.6	V	mg/kg	1.7		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.7	J-	mg/kg	1.1		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1	V	mg/kg	0.34		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	48	V	mg/kg	0.36		Yes
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.64	U	mg/kg	0.64		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.6	UJ	mg/kg	2.6		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	6.4	UJ	mg/kg</			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.41658	=	mg/kg			Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.17	J	mg/kg	1.3		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.33	J	mg/kg	1.3		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.13	J	mg/kg	1.3		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	J	mg/kg	1.3		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.28	J	mg/kg	1.3		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.47	J	mg/kg	1.3		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.33	J	mg/kg	1.3		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.07	V	mg/kg			Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	25.9	J	%	0.1		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	3.2	J	ph units	0.2		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.7	J	mg/kg	2.5		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	78.1	J	mg/kg	6.5		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	18.4	J	mg/kg	0.44		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.44	UJ	mg/kg	0.44		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.18	UJ	mg/kg	0.18		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	26.9	J	mg/kg	1.2		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	44.6	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	68.6	J	mg/kg	6.8		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.5	J	mg/kg	0.37		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	10.6	J	mg/kg	3.7		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	6.3	J	mg/kg	3.1		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	5.4	J	mg/kg	0.73		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	3.6	UJ	mg/kg	3.6		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	36.2	J	mg/kg	0.76		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCCLOR-1016	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCCLOR-1221	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCCLOR-1232	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCCLOR-1242	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCCLOR-1248	1.5	UJ	mg/kg	1.5		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	3.1	UJ	mg/kg	3.1		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	3.1	UJ	mg/kg	3.1		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	3.1	UJ	mg/kg	3.1		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	32	V	mg/kg	0.96		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.62397	U	mg/kg			No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.54	U	mg/kg	0.54		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	60.4	V	%	0.1		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	5.1	V	ph units	0.2		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	24.2	V	mg/kg	6		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	50.5	V	mg/kg	0.23		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.2	U	mg/kg	0.23		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.26	V	mg/kg	0.077		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	36.8	V	mg/kg	0.62		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	40	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	39.4	V	mg/kg	3.5		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.16	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	28.4	V	mg/kg	1.9		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.7	J-	mg/kg	1.3		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1	V	mg/kg	0.37		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	270	V	mg/kg	0.39		Yes
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.032	U	mg/kg	0.032		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.32	U	mg/kg	0.32		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.9	U	mg/kg	0.9		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.021	U	mg/kg	0.017		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.061	U	mg/kg	0.017		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.017	U				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.589305	U	mg/kg			No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.11	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.51	U	mg/kg	0.51		No

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APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.11	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.1	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.32	V	mg/kg			Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	64.2	V	%	0.1		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	4	V	ph units	0.2		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	11900	V	mg/kg	3		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	J-	mg/kg	0.97		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	33.4	V	mg/kg	4.5		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	70.9	V	mg/kg	0.17		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.34	V	mg/kg	0.17		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.063	U	mg/kg	0.063		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	472	V	mg/kg	1.5		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	36.3	V	mg/kg	0.46		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	5.6	V	mg/kg	0.41		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	51.4	V	mg/kg	0.23		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.92	V	mg/kg	0.68		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	32600	V	mg/kg	0.62		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	50.4	V	mg/kg	2.6		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	3560	V	mg/kg	4.9		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	114	V	mg/kg	0.097		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.17	V	mg/kg	0.14		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	13.5	V	mg/kg	1.4		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	3230	V	mg/kg	58.1		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	V	mg/kg	1.1		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.28	U	mg/kg	0.28		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1050	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	52.9	V	mg/kg	0.27		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	43.6	V	mg/kg	0.29		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.62	U	mg/kg	0.62		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.62	U	mg/kg	0.62		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.62	U	mg/kg	0.62		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.62	U	mg/kg	0.62		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.62	U	mg/kg	0.62		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.016	J	mg/kg	0.12		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.062	U	mg/kg	0.062		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.062	U	mg/kg	0.062		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.062	U	mg/kg	0.062		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.062	U	mg/kg	0.062		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.062	U	mg/kg	0.062		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.062	U	mg/kg	0.062		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.62	U	mg/kg	0.62		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.062	U	mg/kg	0.062		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.062	U	mg/kg	0.062		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.62	U	mg/kg	0.62		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.92	U	mg/kg	0.92		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1												

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.635525	U	mg/kg			No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.076	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.076	V	mg/kg			Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	60.5	V	%	0.1		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	3.8	V	ph units	0.2		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	15900	V	mg/kg	3.4		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.1	UJ	mg/kg	1.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	43.4	V	mg/kg	5		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	60.2	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.57	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.073	V	mg/kg	0.067		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	416	V	mg/kg	1.7		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	43.1	V	mg/kg	0.52		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	6.3	V	mg/kg	0.46		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	28.4	V	mg/kg	0.26		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	31300	V	mg/kg	0.7		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	44.2	V	mg/kg	3		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	4320	V	mg/kg	5.5		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	119	V	mg/kg	0.11		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.14	V	mg/kg	0.11		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	16.8	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	3030	V	mg/kg	65.2		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.2	V	mg/kg	1.1		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.31	U	mg/kg	0.31		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	717	V	mg/kg	1.8		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	J-	mg/kg	1.3		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	54.4	V	mg/kg	0.3		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	45.2	V	mg/kg	0.33		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0016	J	mg/kg	0.013		Yes
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.065	U	mg/kg	0.065		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.019	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLORO BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.83832	=	mg/kg			Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.27	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.33	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.5	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.25	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.19	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.81	UJ	mg/kg	0.81		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.11	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.42	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.81	U	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.63	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.24	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.28	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.46	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	3.68	V	mg/kg			Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	40.8	J	%	0.1		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	4.1	J	ph units	0.2		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	5.9	J	mg/kg	1.5		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	130	J	mg/kg	6.7		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	51.2	J	mg/kg	0.26		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.2	U	mg/kg	0.26		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.18	J	mg/kg	0.11		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	114	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	187	J	mg/kg	0.35		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	166	J	mg/kg	4		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.8	J	mg/kg	0.2		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	37.1	J	mg/kg	2.1		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	14.1	J	mg/kg	1.9		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.1	J	mg/kg	0.42		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	135	J	mg/kg	0.44		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLOR-1016	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLOR-1221	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLOR-1232	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLOR-1242	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLOR-1248	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLOR-1254	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLOR-1260	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.075	J	mg/kg	0.19		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.19	UJ	mg/kg	0.19		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	28	V	mg/kg	0.94		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.6177	U	mg/kg			No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.45	J	mg/kg	1.4		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.45	V	mg/kg			Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.24	U	mg/kg	0.24		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.24	U	mg/kg	0.24		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	2.1	U	mg/kg	2.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	121-82-4	RDX	1	U	mg/kg	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	23.9	J	%	0.1		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	INORGANIC	PH	PH	4.2	J	ph units	0.2		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.3	J	mg/kg	3.1		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	98.9	J	mg/kg	7.5		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	27	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.55	UJ	mg/kg	0.55		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.21	UJ	mg/kg	0.21		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	40.9	J	mg/kg	1.5		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	266	J	mg/kg	0.74		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	61.1	J	mg/kg	8.4		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.92	J	mg/kg	0.38		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	13.9	J	mg/kg	4.6		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	10.2	J	mg/kg	3.5		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	44.7	J	mg/kg	0.94		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.32	UJ	mg/kg	0.32		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.32	UJ	mg/kg	0.32		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.32	UJ	mg/kg	0.32		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	37	V	mg/kg	0.96		Yes
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.055	U	mg/kg	0.042		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_SS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.85566	=	mg/kg			Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.23	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.26	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.44	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.26	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.13	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.44	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.36	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	U	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.46	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.27	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.42	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	3.27	V	mg/kg			Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.96	U	mg/kg	0.96		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.67	U	mg/kg	0.67		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	32.3	J	%	0.1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	3.9	J	ph units	0.2		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.2	J	mg/kg	2.2		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	120	J	mg/kg	9.9		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	35.1	J	mg/kg	0.38		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.95	U	mg/kg	0.38		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.14	J	mg/kg	0.14		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	90.2	J	mg/kg	1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	149	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	108	J	mg/kg	5.8		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.9	J	mg/kg	0.27		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	14	J	mg/kg	3.1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	12.4	J	mg/kg	2.4		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	3.6	J	mg/kg	0.62		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.9	UJ	mg/kg	2.9		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	49.5	J	mg/kg	0.65		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	12600	J	mg/kg	5000		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.076	J	mg/kg	0.25		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.14	J	mg/kg	0.25		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	1.2	J	mg/kg	0.25		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	29	V	mg/kg	0.88		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	105-67-9							

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.67578	=	mg/kg			Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.15	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.048	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.19	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.12	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.508	V	mg/kg			Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	54.4	V	%	0.1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	4.7	V	ph units	0.2		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	28.7	V	mg/kg	6.1		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	76.4	V	mg/kg	0.23		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.56	U	mg/kg	0.23		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.084	U	mg/kg	0.084		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	49.8	V	mg/kg	0.63		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	64.5	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	69.7	V	mg/kg	3.6		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.2	V	mg/kg	1.9		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	3.2	J-	mg/kg	1.4		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.3	V	mg/kg	0.38		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	67.5	V	mg/kg	0.4		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0096	V	mg/kg	0.014		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.88	U	mg/kg	0.88		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.12	U	mg/kg	0.018		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.073	U	mg/kg	0.018		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.027	V	mg/kg	0.009		Yes
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.018	U	mg/kg	0.018		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.027	V	mg/kg			Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.619025	=	mg/kg			Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.11	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.067	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.55	U	mg/kg	0.55		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.087	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.087	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.351	V	mg/kg			Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	58.6	V	%	0.1		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	4.2	V	ph units	0.2		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	20200	V	mg/kg	3.4		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	J-	mg/kg	1.1		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	46.2	V	mg/kg	5		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	88.3	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.58	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.07	U	mg/kg	0.07		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	552	V	mg/kg	1.7		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	52.9	V	mg/kg	0.52		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	7.7	V	mg/kg	0.46		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	54.4	V	mg/kg	0.26		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	45000	V	mg/kg	0.7		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	86.8	V	mg/kg	2.9		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5240	V	mg/kg	5.5		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	165	V	mg/kg	0.11		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.21	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	21.1	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	5300	V	mg/kg	65.1		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2	V	mg/kg	1.2		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.61	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1180	V	mg/kg	1.8		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	73.9	V	mg/kg	0.3		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	64.4	V	mg/kg	0.33		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.68	U	mg/kg	0.68		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.68	U	mg/kg	0.68		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.68	U	mg/kg	0.68		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.68	U	mg/kg	0.68		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.68	U	mg/kg	0.68		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.046	V	mg/kg	0.14		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.068	U	mg/kg	0.068		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.068	U	mg/kg	0.068		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.68	U	mg/kg	0.68		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.068	U	mg/kg	0.068		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.068	U	mg/kg	0.068		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.068	U	mg/kg	0.068		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.14	U	mg/kg	0.14		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.068	U	mg/kg	0.068		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.68	U	mg/kg	0.68		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.068	U	mg/kg	0.068		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.068	U	mg/kg	0.068		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.68	U	mg/kg	0.68		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.12	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	U	mg/kg	0.009		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5													

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.75958	=	mg/kg			Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.17	J	mg/kg	0.67		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.37	J	mg/kg	0.67		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.19	J	mg/kg	0.67		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.18	J	mg/kg	0.67		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.67	U	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.25	J	mg/kg	0.67		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.13	J	mg/kg	0.67		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.27	J	mg/kg	0.67		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.56	V	mg/kg			Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	48.9	J	%	0.1		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	4.1	J	ph units	0.2		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	27400	J	mg/kg	3.9		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	186	J	mg/kg	5.8		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	124	J	mg/kg	0.22		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLIUM, TOTAL	1.3	J	mg/kg	0.22		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.1	J	mg/kg	0.08		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	586	J	mg/kg	1.9		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	107	J	mg/kg	0.6		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	9	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	244	J	mg/kg	0.3		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.79	UJ	mg/kg	0.79		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	32700	J	mg/kg	0.81		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	248	J	mg/kg	3.4		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	6030	J	mg/kg	6.3		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	155	J	mg/kg	0.13		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	2.4	J	mg/kg	0.19		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	30	J	mg/kg	1.9		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	3910	J	mg/kg	75.6		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	19.9	J	mg/kg	1.4		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.9	J	mg/kg	0.36		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1490	J	mg/kg	2.1		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	74.3	J	mg/kg	0.35		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	78.6	J	mg/kg	0.38		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	3.6	V	mg/kg	0.98		Yes
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.082	U	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_SS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.45747	=	mg/kg			Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.13	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.13	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.56	U	mg/kg	0.56		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.17	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.9	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.31	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.092	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.27	J	mg/kg	0.56		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.602	V	mg/kg			Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.85	U	mg/kg	0.85		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.59	U	mg/kg	0.59		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	59.2	V	%	0.1		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	INORGANIC	PH	PH	4.6	V	ph units	0.2		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2	J-	mg/kg	1.1		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	55.9	V	mg/kg	5.2		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	288	V	mg/kg	0.2		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.76	U	mg/kg	0.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.08	U	mg/kg	0.08		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	62.1	V	mg/kg	0.54		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	133	V	mg/kg	0.27		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	173	V	mg/kg	3.1		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.48	V	mg/kg	0.17		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	19.7	V	mg/kg	1.7		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	3.9	J-	mg/kg	1.3		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2	V	mg/kg	0.33		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	73	V	mg/kg	0.34		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	12674-11-2	AROCLOR-1016	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	11104-28-2	AROCLOR-1221	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	11141-16-5	AROCLOR-1232	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	53469-21-9	AROCLOR-1242	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	12672-29-6	AROCLOR-1248	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	11097-69-1	AROCLOR-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	11096-82-5	AROCLOR-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.053	V	mg/kg	0.13		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.12	V	mg/kg	0.13		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.066	U	mg/kg	0.066		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.66	U	mg/kg	0.66		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	5.3	V	mg/kg	0.94		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	108-90-7	CHLOROENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.099	J	mg/kg	0.008		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.017	U	mg/kg	0.017		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.099	V	mg/kg			Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.53	U				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.44131	=	mg/kg			Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.14	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.13	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.21	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.16	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	2	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.22	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.085	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.071	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.23	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.246	V	mg/kg			Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	62.4	V	%	0.1		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	INORGANIC	PH	PH	3.8	V	ph units	0.2		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	29.3	V	mg/kg	5.5		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	50.6	V	mg/kg	0.21		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.48	U	mg/kg	0.21		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	42.9	V	mg/kg	0.57		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	43.5	V	mg/kg	0.28		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	37.6	V	mg/kg	3.2		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.23	V	mg/kg	0.13		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	15	V	mg/kg	1.8		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.4	J-	mg/kg	1		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.7	V	mg/kg	0.34		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	49.7	V	mg/kg	0.36		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	21100	J	mg/kg	1430		Yes
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.43918	=	mg/kg			Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.15	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.13	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.2	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.12	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.099	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.19	J	mg/kg	0.52		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.4	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.52	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.25	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.13	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.12	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.29	J	mg/kg	0.52		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.679	V	mg/kg			Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	63.8	V	%	0.1		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	INORGANIC	PH	PH	3.8	V	ph units	0.2		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	J-	mg/kg	1.2		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	22.7	V	mg/kg	5.4		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	46.2	V	mg/kg	0.21		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.34	U	mg/kg	0.21		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.072	U	mg/kg	0.072		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	28.8	V	mg/kg	0.56		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	61.2	V	mg/kg	0.28		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	69.8	V	mg/kg	3.2		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.23	V	mg/kg	0.12		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	9.8	V	mg/kg	1.7		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.4	J-	mg/kg	1.2		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.6	V	mg/kg	0.34		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.1	J-	mg/kg	1.4		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	40.8	V	mg/kg	0.35		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.06	V	mg/kg	0.12		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.12	U	mg/kg	0.12		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1.3	V	mg/kg	1		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.076	V	mg/kg	0.008		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.076	V	mg/kg			Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.60601	=	mg/kg			Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.092	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.11	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.96	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.12	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.13	J	mg/kg	0.54		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.452	V	mg/kg			Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	61.9	V	%	0.1		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	INORGANIC	PH	PH	4.2	V	ph units	0.2		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.7	J-	mg/kg	1.2		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	39.1	V	mg/kg	5.6		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	77.4	V	mg/kg	0.22		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.51	U	mg/kg	0.22		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.09	U	mg/kg	0.09		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	65.8	V	mg/kg	0.58		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	61.4	V	mg/kg	0.29		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	61.2	V	mg/kg	3.3		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.27	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	18.8	V	mg/kg	1.8		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.8	J-	mg/kg	0.96		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.1	V	mg/kg	0.35		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	58.8	V	mg/kg	0.37		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.017	V	mg/kg	0.008		Yes
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.017	V	mg/kg			Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2	UJ	mg/kg	2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.82898	=	mg/kg			Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.25	J	mg/kg	1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.24	J	mg/kg	1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.42	J	mg/kg	1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.16	J	mg/kg	1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.38	J	mg/kg	1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.42	J	mg/kg	1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.2	J	mg/kg	1		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.27	J	mg/kg	1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.48	J	mg/kg	1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.82	V	mg/kg			Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	32.3	J	%	0.1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	INORGANIC	PH	PH	4	J	ph units	0.2		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	86.4	J	mg/kg	10.7		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	1480	J	mg/kg	0.41		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.2	U	mg/kg	0.41		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	106	J	mg/kg	1.1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	180	J	mg/kg	0.55		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	185	J	mg/kg	6.3		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.74	J	mg/kg	0.24		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	35.5	J	mg/kg	3.4		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	6.5	J	mg/kg	2.6		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	3.6	J	mg/kg	0.67		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	3	UJ	mg/kg	3		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	125	J	mg/kg	0.7		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.24	J	mg/kg	0.24		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.073	U	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.5	U	mg/kg	2.5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.5	U	mg/kg	2.5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.5	U	mg/kg	2.5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.43136	=	mg/kg			Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.13	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.12	J	mg/kg	0.51		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.17	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.071	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.15	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.73	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.18	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.071	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.16	J	mg/kg	0.51		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.052	V	mg/kg			Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	65	V	%	0.1		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	INORGANIC	PH	PH	4.1	V	ph units	0.2		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	31.1	V	mg/kg	4.8		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	60.3	V	mg/kg	0.18		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.56	U	mg/kg	0.18		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.6	V	mg/kg	0.063		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	44.6	V	mg/kg	0.5		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	51.6	V	mg/kg	0.25		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	49.7	V	mg/kg	2.8		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.25	V	mg/kg	0.11		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.9	V	mg/kg	1.5		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.8	J-	mg/kg	0.86		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.1	V	mg/kg	0.3		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.7	J-	mg/kg	1.3		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	62.9	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	12674-11-2	AROCCLOR-1016	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	11104-28-2	AROCCLOR-1221	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	11141-16-5	AROCCLOR-1232	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	53469-21-9	AROCCLOR-1242	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	12672-29-6	AROCCLOR-1248	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	11097-69-1	AROCCLOR-1254	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	11096-82-5	AROCCLOR-1260	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.061	U	mg/kg	0.061		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.12	U	mg/kg	0.12		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.061	U	mg/kg	0.061		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.61	U	mg/kg	0.61		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.007	J	mg/kg	0.008		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	V	mg/kg	0.008		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.066	V	mg/kg	0.008		Yes
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.081	V	mg/kg			Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.3	U	mg/kg	2.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	0.93	U	mg/kg	0.93		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.3	U	mg/kg	2.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.3	U	mg/kg	2.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.051	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.42632	=	mg/kg			Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.16	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.14	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.13	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.22	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.84	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.29	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.15	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.31	J	mg/kg	0.46		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.951	V	mg/kg			Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.2	U	mg/kg	0.2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.86	U	mg/kg	0.86		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	71.4	V	%	0.1		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	INORGANIC	PH	PH	4.8	V	ph units	0.2		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	J-	mg/kg	1		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	44.3	V	mg/kg	4.7		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	133	V	mg/kg	0.18		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.52	U	mg/kg	0.18		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.1	V	mg/kg	0.075		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	48.5	V	mg/kg	0.49		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	131	V	mg/kg	0.24		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	164	V	mg/kg	2.8		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.43	V	mg/kg	0.13		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	18.2	V	mg/kg	1.5		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	3.3	J-	mg/kg	1.1		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.1	V	mg/kg	0.3		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	61.4	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.08	V	mg/kg	0.11		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.055	U	mg/kg	0.055		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.055	U	mg/kg	0.055		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.055	U	mg/kg	0.055		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.055	U	mg/kg	0.055		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.055	U	mg/kg	0.055		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.055	U	mg/kg	0.055		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.055	U	mg/kg	0.055		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.055	U	mg/kg	0.055		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.55	U	mg/kg	0.55		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	4	V	mg/kg	0.94		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.014	U	mg/kg	0.014		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	108-90-7	CHLORO BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.1	J	mg/kg	0.007		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.1	V	mg/kg			Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLORO BENZENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLORO BENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLORO BENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLORO BENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.085	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.5566	=	mg/kg			Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.22	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.21	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.37	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.17	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.13	J	mg/kg	0.53		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.3	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.59	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.35	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.21	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.16	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.31	J	mg/kg	0.53		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.515	V	mg/kg			Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	62.2	V	%	0.1		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	INORGANIC	PH	PH	3.9	V	ph units	0.2		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	96.2	V	mg/kg	4.9		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	81.9	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.7	U	mg/kg	0.19		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.08	U	mg/kg	0.08		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	78.1	V	mg/kg	0.51		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	82.5	V	mg/kg	0.25		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	126	V	mg/kg	2.9		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.1	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	19.8	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	5.8	J-	mg/kg	1.3		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.5	V	mg/kg	0.31		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	71.5	V	mg/kg	0.32		Yes
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.064	U	mg/kg	0.064		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_SS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N									

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.71	U	mg/kg	0.71		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.40638	=	mg/kg			Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.084	J	mg/kg	0.36		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.19	J	mg/kg	0.36		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.58	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.068	J	mg/kg	0.36		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	108-95-2	PHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	129-00-0	PYRENE	0.053	J	mg/kg	0.36		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.395	V	mg/kg			Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.22	U	mg/kg	0.22		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.92	U	mg/kg	0.92		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.64	U	mg/kg	0.64		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	93.3	V	%	0.1		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	INORGANIC	PH	PH	8.3	V	ph units	0.2		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	3740	V	mg/kg	2.4		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.76	UJ	mg/kg	0.76		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	9.7	J-	mg/kg	1.6		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	22.5	V	mg/kg	0.13		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.32	U	mg/kg	0.13		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.16	V	mg/kg	0.045		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	13900	V	mg/kg	1.1		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	12.3	V	mg/kg	0.36		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4.3	V	mg/kg	0.32		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	20.2	V	mg/kg	0.18		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.52	U	mg/kg	0.52		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	14700	V	mg/kg	0.48		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	17.5	V	mg/kg	2		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1920	J+	mg/kg	3.8		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	110	J+	mg/kg	0.076		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	9	V	mg/kg	1.1		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	824	V	mg/kg	45.3		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.77	U	mg/kg	0.77		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.43	V	mg/kg	0.22		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	365	V	mg/kg	1.3		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.6	J-	mg/kg	0.91		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	19.4	V	mg/kg	0.21		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	121	V	mg/kg	0.23		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.42	U	mg/kg	0.42		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.42	U	mg/kg	0.42		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.021	U	mg/kg	0.021		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.021	U	mg/kg	0.021		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.021	U	mg/kg	0.021		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.021	U	mg/kg	0.021		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.021	U	mg/kg	0.021		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.042	U	mg/kg	0.042		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.021	U	mg/kg	0.021		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.021	U	mg/kg	0.021		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.021	U	mg/kg	0.021		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.42	U	mg/kg	0.42		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.005	U	mg/kg	0.005		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	67-64-1	ACETONE	0.017	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	71-43-2	BENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	108-90-7	CHLORO BENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	100-42-5	STYRENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.75	U	mg/kg	0.75		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULATED	0.401593	=	mg/kg			Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.044	J	mg/kg	0.37		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.068	J	mg/kg	0.37		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.043	J	mg/kg	0.37		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.082	J	mg/kg	0.37		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.069	J	mg/kg	0.37		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	108-95-2	PHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	129-00-0	PYRENE	0.06	J	mg/kg	0.37		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.366	V	mg/kg			Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	88.8	V	%	0.1		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	INORGANIC	PH	PH	8.1	V	ph units	0.2		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	3360	V	mg/kg	2.3		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.74	UJ	mg/kg	0.74		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	13.4	J-	mg/kg	2		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	17.8	V	mg/kg	0.13		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.39	U	mg/kg	0.13		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.18	V	mg/kg	0.055		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	102000	V	mg/kg	5.6		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	11.6	V	mg/kg	0.35		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4.2	V	mg/kg	0.32		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	22.9	V	mg/kg	0.18		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.5	U	mg/kg	0.5		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	17900	V	mg/kg	0.47		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	29.9	U	mg/kg	6.3		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1980	J+	mg/kg	3.7		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	213	J+	mg/kg	0.074		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	V	mg/kg	0.094		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	6.9	V	mg/kg	1.1		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	623	V	mg/kg	44.4		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.41	V	mg/kg	0.21		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1030	V	mg/kg	1.2		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	22.8	V	mg/kg	0.2		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	34.1	V	mg/kg	0.22		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.44	U	mg/kg	0.44		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.44	U	mg/kg	0.44		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.022	U	mg/kg	0.022		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.022	U	mg/kg	0.022		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.022	U	mg/kg	0.022		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.022	U	mg/kg	0.022		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.022	U	mg/kg	0.022		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.044	U	mg/kg	0.044		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.022	U	mg/kg	0.022		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.022	U	mg/kg	0.022		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.022	U	mg/kg	0.022		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.027	V	mg/kg	0.011		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	67-64-1	ACETONE	0.13	V	mg/kg	0.011		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	V	mg/kg	0.006		Yes
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS																				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.165	V	mg/kg			Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.78	U	mg/kg	0.78		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.313135	=	mg/kg			Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.066	J	mg/kg	0.39		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.076	J	mg/kg	0.39		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.14	J	mg/kg	0.39		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.44	V	mg/kg	0.39		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.085	J	mg/kg	0.39		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.11	J	mg/kg	0.39		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCCYCLOPENTADIENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.39	U	mg/kg	0.39		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.057	J	mg/kg	0.39		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	108-95-2	PHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	129-00-0	PYRENE	0.12	J	mg/kg	0.39		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.094	V	mg/kg			Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	83.3	V	%	0.1		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	INORGANIC	PH	PH	6.8	V	ph units	0.2		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2	U	mg/kg	0.78		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	4.2	V	mg/kg	1.8		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	23.3	V	mg/kg	0.14		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.51	V	mg/kg	0.14		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.29	V	mg/kg	0.059		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	18.5	V	mg/kg	0.37		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	22.6	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	25.4	V	mg/kg	2.1		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	12.4	V	mg/kg	1.1		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.83	U	mg/kg	0.83		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.98	U	mg/kg	0.98		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	56.3	V	mg/kg	0.23		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.023	U	mg/kg	0.023		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.023	U	mg/kg	0.023		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.023	U	mg/kg	0.023		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.023	U	mg/kg	0.023		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.023	U	mg/kg	0.023		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.047	U	mg/kg	0.047		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.023	U	mg/kg	0.023		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.023	U	mg/kg	0.023		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.023	U	mg/kg	0.023		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	67-64-1	ACETONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.72	U	mg/kg	0.72		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.41598	U	mg/kg			No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.36	U	mg/kg	0.36		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.18	J	mg/kg	0.36		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHthalATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	108-95-2	PHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	129-00-0	PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.18	V	mg/kg			Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	91.4	V	%	0.1		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	INORGANIC	PH	PH	7.1	V	ph units	0.2		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.8	U	mg/kg	0.69		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	8.4	V	mg/kg	0.8		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	25.2	V	mg/kg	0.12		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.4	V	mg/kg	0.12		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.1	V	mg/kg	0.044		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	13.4	V	mg/kg	0.33		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	17.5	V	mg/kg	0.16		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	10.4	V	mg/kg	4.3		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	8.7	V	mg/kg	1		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.76	U	mg/kg	0.76		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.2	V	mg/kg	0.2		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.89	U	mg/kg	0.89		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	31	V	mg/kg	0.21		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	12674-11-2	AROCLOR-1016	0.043	U	mg/kg	0.043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	11104-28-2	AROCLOR-1221	0.043	U	mg/kg	0.043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	11141-16-5	AROCLOR-1232	0.043	U	mg/kg	0.043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	53469-21-9	AROCLOR-1242	0.043	U	mg/kg	0.043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	12672-29-6	AROCLOR-1248	0.043	U	mg/kg	0.043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	11097-69-1	AROCLOR-1254	0.087	U	mg/kg	0.087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	11096-82-5	AROCLOR-1260	0.087	U	mg/kg	0.087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0022	V	mg/kg	0.0087		Yes
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.043	U	mg/kg	0.043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0043	U	mg/kg	0.0043		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.043	U	mg/kg	0.043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.043	U	mg/kg	0.043		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.087	U	mg/kg	0.087		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	67-64-1	ACETONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	71-43-2	BENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	100-42-5	STYRENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994</											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.7	U	mg/kg	0.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.404425	U	mg/kg			No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.41	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCCYCLOPENTADIENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	108-95-2	PHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	129-00-0	PYRENE	0.036	J	mg/kg	0.35		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.036	V	mg/kg			Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	94.5	V	%	0.1		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	INORGANIC	PH	PH	7.4	V	ph units	0.2		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	3960	V	mg/kg	2.5		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	9	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	27.6	V	mg/kg	0.19		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.39	J	mg/kg	0.14		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.19	U	mg/kg	0.19		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	2250	J	mg/kg	1.1		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	13.3	J	mg/kg	0.59		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4.9	V	mg/kg	0.26		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	15.8	V	mg/kg	0.22		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	20200	V	mg/kg	0.44		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	20	V	mg/kg	2.5		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1670	J+	mg/kg	3.5		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	117	J	mg/kg	0.19		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	9.8	V	mg/kg	1.2		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	994	J+	mg/kg	76.2		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.29	J+	mg/kg	0.18		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	83.87	V	mg/kg	1.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.16	U	mg/kg	0.16		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	21.4	V	mg/kg	0.27		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	37.2	V	mg/kg	0.26		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.041	U	mg/kg	0.041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.041	U	mg/kg	0.041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.041	U	mg/kg	0.041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.041	U	mg/kg	0.041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.041	U	mg/kg	0.041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.083	U	mg/kg	0.083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.083	U	mg/kg	0.083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0031	V	mg/kg	0.0083		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.041	U	mg/kg	0.041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.041	U	mg/kg	0.041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.041	U	mg/kg	0.041		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.083	U	mg/kg	0.083		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	67-64-1	ACETONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	71-43-2	BENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	100-42-5	STYRENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.005	U	mg/kg	0.005		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.15	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.81	U	mg/kg	0.81		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.17	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.281166	=	mg/kg			Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.053	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.047	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.068	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.4	U	mg/kg	0.4		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.066	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.072	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.14	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.12	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.66	V	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.24	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	108-95-2	PHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	129-00-0	PYRENE	0.16	J	mg/kg	0.4		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.946	V	mg/kg			Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.8	U	mg/kg	1.8		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	55-63-0	NITROGLYCERIN	1.6	U	mg/kg	1.6		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	78-11-5	PETN	1.6	U	mg/kg	1.6		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.87	U	mg/kg	0.87		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.6	U	mg/kg	0.6		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	81.7	V	%	0.1		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	INORGANIC	PH	PH	5.4	V	ph units	0.2		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	7590	V	mg/kg	3.2		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	4.3	V	mg/kg	0.87		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	24.1	V	mg/kg	0.25		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.37	J	mg/kg	0.18		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	364	J	mg/kg	1.5		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	13.2	J	mg/kg	0.78		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4.6	V	mg/kg	0.34		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	9.9	V	mg/kg	0.29		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.56	U	mg/kg	0.56		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	8280	V	mg/kg	0.57		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	10	V	mg/kg	0.69		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	820	J+	mg/kg	4.6		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	40.8	J	mg/kg	0.24		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	7.8	V	mg/kg	1.6		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	974	J+	mg/kg	99.5		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.38	U	mg/kg	0.38		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	265	V	mg/kg	1.9		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.17	U	mg/kg	0.17		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	19.6	V	mg/kg	0.35		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	22.5	V	mg/kg	0.34		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.049	U	mg/kg	0.049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.049	U	mg/kg	0.049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.049	U	mg/kg	0.049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.049	U	mg/kg	0.049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.049	U	mg/kg	0.049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	0.098	U	mg/kg	0.098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	0.098	U	mg/kg	0.098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.002	V	mg/kg	0.0098		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0016	V	mg/kg	0.0049		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.049	U	mg/kg	0.049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.049	U	mg/kg	0.049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0012	V	mg/kg	0.0049		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.049	U	mg/kg	0.049		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.098	U	mg/kg	0.098		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	67-64-1	ACETONE	0.13	V	mg/kg	0.012		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.028	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	V	mg/kg	0.006		Yes
Area 6	Area6_SS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.139	V	mg/kg			Yes
Area 6	Area6_SS	0622	Soil Sample	608084.532	538464.238	13449	SS0622	0	0	7/22/2005	SS	N	INORGANIC	% SOLIDS	% SOLIDS	34.3	J	%			Yes
Area 6	Area6_SS	0622	Soil Sample	608084.532	538464.238	13449	SS0622	0	0	7/22/2005	SS	N	INORGANIC		Moisture	0	V	%			Yes
Area 6	Area6_SS	0622	Soil Sample	608084.532	538464.238	13449	SS0622	0	0	7/22/2005	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	111	J	mg/kg	1.5		Yes
Area 6	Area6_SS	0622	Soil Sample	608084.532	538464.238	13449	SS0622	0	0	7/22/2005	SS	N	METALS	7439-92-1	LEAD, TOTAL	148	J	mg/kg	0.44		Yes
Area 6	Area6_SS	0623	Soil Sample	607753.284	538944.559	13452	SS0623	0	0	7/22/2005	SS	N	INORGANIC	% SOLIDS	% SOLIDS	44.2	J	%			Yes
Area 6	Area6_SS	0623	Soil Sample	607753.284	538944.559	13452	SS0623	0	0	7/22/2005	SS	N	INORGANIC		Moisture	0	V	%			Yes
Area 6	Area6_SS	0623	Soil Sample	607753.284	538944.559	13452	SS0623	0	0	7/22/2005	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	140	J	mg/kg	1.1		Yes
Area 6	Area6_SS	0623	Soil Sample	607753.284	538944.559	13452	SS0623	0	0	7/22/2005	SS	N	METALS	7439-92-1	LEAD, TOTAL	276	J	mg/kg	0.34		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00016	J	mg/kg	0.00002		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00009	U	mg/kg	0.00009		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00005	U	mg/kg	0.00005		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00008	U	mg/kg	0.00008		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0011	V	mg/kg	0.00003		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00007	U	mg/kg	0.00007		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00009	U	mg/kg	0.00009		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0009	U	mg/kg	0.0009		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0001	U	mg/kg	0.0001		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	39.9	J	%	0.1		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	6.6	J	ph units	0.2		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	1790	J	mg/kg	5.5		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.3	J	mg/kg	1.8		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	18	J	mg/kg	1.9		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	167	J	mg/kg	0.31		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.43	J	mg/kg	0.31		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.1	J	mg/kg	0.1		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	12500	J	mg/kg	2.7		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	164	J	mg/kg	0.84		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	0.75	UJ	mg/kg	0.75		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	19.8	J	mg/kg	0.42		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	15800	J	mg/kg	1.1		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	65.3	J	mg/kg	4.8		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	264	J	mg/kg	8.9		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	13.6	J	mg/kg	0.18		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.25	J	mg/kg	0.2		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	2.7	J	mg/kg	2.6		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	507	J	mg/kg	106		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2	J	mg/kg	0.36		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.2	U	mg/kg	0.51		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	300	J	mg/kg	3		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	10.6	J	mg/kg	0.49		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	17	J	mg/kg	0.53		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	45200	J	mg/kg	1820		Yes
Area 6	Area6_SS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	5.6	V	mg/kg	1		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	34.5	J	%	0.1		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	6.6	J	ph units	0.2		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	41.5	J	mg/kg	9.4		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	28.3	J	mg/kg	0.36		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.36	UJ	mg/kg	0.36		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.71	J	mg/kg	0.12		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	217	J	mg/kg	0.97		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	47	J	mg/kg	0.49		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	46.7	J	mg/kg	5.5		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	8.9	J	mg/kg	3		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.78	J	mg/kg	0.42		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.98	U	mg/kg	0.59		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	123	J	mg/kg	0.62		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	3.3	V	mg/kg	0.96		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	76.2	V	%	0.1		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	INORGANIC	PH	PH	7.4	V	ph units	0.2		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	25.2	V	mg/kg	4.2		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	40.1	J	mg/kg	0.16		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.81	V	mg/kg	0.16		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.071	J-	mg/kg	0.055		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	25.9	J	mg/kg	0.44		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	8.5	J	mg/kg	0.22		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	10.4	U	mg/kg	1.9		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.09	U	mg/kg	0.09		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	18.4	J	mg/kg	1.3		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.93	U	mg/kg	0.93		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.26	U	mg/kg	0.26		No
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	V	mg/kg	1.1		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	54.3	J	mg/kg	0.28		Yes
Area 6	Area6_SS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1.2	V	mg/kg	0.96		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00004	U	mg/kg	0.00004		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	34465-46-8	HXCD (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0001	J	mg/kg	0.00002		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00004	U	mg/kg	0.00004		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	71.6	V	%	0.1		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	INORGANIC	PH	PH	7.7	V	ph units	0.2		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	mg/kg	1		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	8.3	J	mg/kg	2.1		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	23	J	mg/kg	0.18		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.76	V	mg/kg	0.18		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.6	J-	mg/kg	0.057		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	166	J	mg/kg	0.49		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	36.5	J	mg/kg	0.24		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	30.8	U	mg/kg	3.9		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	27.7	J	mg/kg	1.5		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.97	U	mg/kg	0.97		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	71.7	J	mg/kg	0.31		Yes
Area 6	Area6_SS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	68.2	V	%	0.1		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	6.6	V	ph units	0.2		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.9	U	mg/kg	1		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	8.5	J	mg/kg	1.3		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	36.3	J	mg/kg	0.18		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.37	V	mg/kg	0.18		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	15.4					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	62	J	mg/kg	0.49		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	80.5	J	mg/kg	0.25		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	86.3	V	mg/kg	2.8		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	13.5	J	mg/kg	1.5		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.55	V	mg/kg	0.24		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1	U	mg/kg	0.3		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	U	mg/kg	1.4		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	116	J	mg/kg	0.31		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0001	J	mg/kg	0.00002		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	83.8	V	%	0.1		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	INORGANIC	PH	PH	7.9	V	ph units	0.2		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.2	U	mg/kg	0.87		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	5.5	J	mg/kg	0.83		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	10.3	J	mg/kg	0.16		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.39	V	mg/kg	0.15		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	9.9	J	mg/kg	0.41		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	5.5	J	mg/kg	0.21		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	6	U	mg/kg	0.95		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.083	U	mg/kg	0.083		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	7.3	J	mg/kg	1.3		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.19	U	mg/kg	0.19		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.69	U	mg/kg	0.25		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	22.8	J	mg/kg	0.26		Yes
Area 6	Area6_SS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.92	U	mg/kg	0.92		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	67	V	%	0.1		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	7.8	V	ph units	0.2		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1	UJ	mg/kg	1		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	14.7	J	mg/kg	2.2		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	49.6	J	mg/kg	0.18		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.55	V	mg/kg	0.18		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	16.2	V	mg/kg	0.43		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	103	J	mg/kg	0.49		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	55.2	J	mg/kg	0.25		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	80.4	V	mg/kg	2.8		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.13	U	mg/kg	0.13		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	15	J	mg/kg	1.5		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.58	V	mg/kg	0.21		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.77	U	mg/kg	0.3		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	195	J	mg/kg	0.31		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	82.9	V	%	0.1		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	INORGANIC	PH	PH	7.8	V	ph units	0.2		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.71	UJ	mg/kg	0.71		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	5.5	J	mg/kg	0.97		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	9.9	J	mg/kg	0.13		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.39	V	mg/kg	0.13		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.065	J-	mg/kg	0.054		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	12.1	J	mg/kg	0.34		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	7.2	J	mg/kg	0.17		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	5.9	U	mg/kg	0.92		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	10	J	mg/kg	1		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.18	U	mg/kg	0.18		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.21	U	mg/kg	0.21		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	25.7	J	mg/kg	0.21		Yes
Area 6	Area6_SS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.22	U	mg/kg	0.22		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	2	U	mg/kg	2		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.97	U	mg/kg	0.97		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.67	U	mg/kg	0.67		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	35.9	J	%	0.1		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	7.6	J	ph units	0.2		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	24.2	J	mg/kg	4.4		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	110	J	mg/kg	0.37		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.58	J	mg/kg	0.37		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	2.8	J	mg/kg	0.12		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	68.7	J	mg/kg	1		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	102	J	mg/kg	0.5		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	119	J	mg/kg	5.7		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.27	J	mg/kg	0.21		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	20	J	mg/kg	3.1		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.6	U	mg/kg	0.6		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	315	J	mg/kg	0.63		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	35	V	mg/kg	0.98		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	86.3	V	%	0.1		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	INORGANIC	PH	PH	7.5	V	ph units	0.2		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.88	UJ	mg/kg	0.88		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	5.7	J	mg/kg	0.88		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	10.9	J	mg/kg	0.15		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.41	V	mg/kg	0.15		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.049	J-	mg/kg	0.049		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	10.6	J	mg/kg	0.42		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	5.7	J	mg/kg	0.21		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	28.7	V	mg/kg	1.7		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.093	U	mg/kg	0.093		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	7	J	mg/kg	1.3		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.29	V	mg/kg	0.17		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.25	U	mg/kg	0.25		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.97	U	mg/kg	0.97		No
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	26.8	J	mg/kg	0.26		Yes
Area 6	Area6_SS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	2.1	V	mg/kg	0.94		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	93.4	V	%	0.1		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	5	V	ph units	0.2		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	6.3	J	mg/kg	0.85		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	67.4	J	mg/kg	0.15		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.73	V	mg/kg	0.15		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	3.6	V	mg/kg	0.35		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	36.8	J	mg/kg	0.4		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	94.2	J	mg/kg	0.2		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	219	V	mg/kg	2.3		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.079	U	mg/kg	0.079		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	13.6	J	mg/kg	1.2		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.81	U	mg/kg	0.81		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.82	U	mg/kg	0.24		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.99	V	mg/kg	0.95		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	120	J	mg/kg	0.25		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	82.2	V	%	0.1		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	INORGANIC	PH	PH	5.1	V	ph units	0.2		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.5	U	mg/kg	0.7		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	7.2	J	mg/kg	0.99		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	9.3	J	mg/kg	0.12		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.27	V	mg/kg	0.12		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.93	J-	mg/kg	0.055		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	9.1	J	mg/kg	0.33		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	6.2	J	mg/kg	0.17		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	6.8	U	mg/kg	3.7		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	7.6	J	mg/kg	1		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.19	U	mg/kg	0.19		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	26.1	J	mg/kg	0.21		Yes
Area 6	Area6_SS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	93.3	V	%	0.1		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	6.2	V	ph units	0.2		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	7660	V	mg/kg	2.4		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.78	UJ	mg/kg	0.78		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	4.9	V	mg/kg	0.74		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	63.1	V	mg/kg	0.14		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.67	J	mg/kg	0.14		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.97	V	mg/kg	0.041		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	548	V	mg/kg	1.2		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	17.5	J	mg/kg	0.37		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	6.8	J	mg/kg	0.33		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	50.7	J-	mg/kg	0.19		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	21300	J	mg/kg	0.5		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	33.9	V	mg/kg	2.1		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	2820	V	mg/kg	3.9		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	221	J	mg/kg	0.078		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.089	U	mg/kg	0.089		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	14.3	V	mg/kg	1.1		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	1140	V	mg/kg	46.5		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.19	V	mg/kg	0.14		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.66	U	mg/kg	0.22		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	65.3	U	mg/kg	1.3		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.82	U	mg/kg	0.82		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	25.7	J-	mg/kg	0.21		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	82.5	J	mg/kg	0.23		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	1820	J	mg/kg	526		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00004	J	mg/kg	0.00001		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	34465-46-8	HXCD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5													

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0044	V	mg/kg	0.00001		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00005	U	mg/kg	0.00005		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	89.4	V	%	0.1		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	INORGANIC	PH	PH	5.2	V	ph units	0.2		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	11400	V	mg/kg	2.7		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.87	UJ	mg/kg	0.87		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	10.8	V	mg/kg	1.6		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	20	V	mg/kg	0.15		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.96	J	mg/kg	0.15		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.045	U	mg/kg	0.045		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	167	V	mg/kg	1.3		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	22.3	J	mg/kg	0.41		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4	J	mg/kg	0.37		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	6.2	J-	mg/kg	0.21		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	45900	J	mg/kg	0.55		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	7.6	U	mg/kg	1.5		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	699	V	mg/kg	4.3		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	164	J-	mg/kg	0.087		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.086	U	mg/kg	0.086		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	4.3	V	mg/kg	1.3		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	1480	V	mg/kg	51.8		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.22	V	mg/kg	0.15		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.6	J	mg/kg	0.25		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	21.5	U	mg/kg	1.5		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.89	U	mg/kg	0.89		No
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	42.7	J-	mg/kg	0.24		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	20.4	J	mg/kg	0.26		Yes
Area 6	Area6_SS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.94	U	mg/kg	0.94		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.08	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.59909	=	mg/kg			Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.25	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.28	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.39	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.22	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.17	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.89	V	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	218-01-9	CHRYSENE	0.39	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.48	V	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	86-73-7	FLUORENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.18	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.2	J	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	108-95-2	PHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	129-00-0	PYRENE	0.54	V	mg/kg	0.47		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	4.07	V	mg/kg			Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	69.2	V	%	0.1		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	INORGANIC	PH	PH	4.2	V	ph units	0.2		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.4	U	mg/kg	0.94		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	12.2	V	mg/kg	0.85		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	30	J	mg/kg	0.16		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.74	V	mg/kg	0.16		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.17	V	mg/kg	0.059		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	32.5	J	mg/kg	0.45		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	49.5	J	mg/kg	0.22		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	45.8	J	mg/kg	2.5		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.17	V	mg/kg	0.14		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	8.5	V	mg/kg	1.4		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	V	mg/kg	1		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.27	U	mg/kg	0.27		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	U	mg/kg	1.2		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	37.6	V	mg/kg	0.28		Yes
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	12674-11-2	AROCCLOR-1016	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	11104-28-2	AROCCLOR-1221	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	11141-16-5	AROCCLOR-1232	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	53469-21-9	AROCCLOR-1242	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	12672-29-6	AROCCLOR-1248	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	11097-69-1	AROCCLOR-1254	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	11096-82-5	AROCCLOR-1260	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.057	U	mg/kg	0.057		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.029	U	mg/kg	0.029		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.029	U	mg/kg	0.029		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.029	U	mg/kg	0.029		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.029	U	mg/kg	0.029		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.029	U	mg/kg	0.029		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.057	U	mg/kg	0.057		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.029	U	mg/kg	0.029		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.029	U	mg/kg	0.029		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.029	U	mg/kg	0.029		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.29	U	mg/kg	0.29		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.57	U	mg/kg	0.57		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.92	U	mg/kg	0.92		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	67-64-1	ACETONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_SS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	11	U	ug/l			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	88-74-4	2-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	22	U	ug/l	22		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	99-09-2	3-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	20	V	ug/l	11		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	100-01-6	4-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	120-12-7	ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	12.7105	U	ug/l			No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	86-74-8	CARBAZOLE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	218-01-9	CHRYSENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	206-44-0	FLUORANTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	86-73-7	FLUORENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	78-59-1	ISOPHORONE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	91-20-3	NAPHTHALENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	85-01-8	PHENANTHRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	108-95-2	PHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA	129-00-0	PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	20	V	ug/l			Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	ug/l	2.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	17.5	J-	ug/l	2		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	63.2	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	U	ug/l	0.6		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	13.3	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	67	J	ug/l	1.6		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	100	V	ug/l	10		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.5	U	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	28.8	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.6	UJ	ug/l	1.6		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.9	UJ	ug/l	1.9		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	299	J	ug/l	4.4		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PCBS	12674-11-2	AROCCLOR-1016	0.88	U	ug/l	0.88		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PCBS	11104-28-2	AROCCLOR-1221	0.88	U	ug/l	0.88		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PCBS	11141-16-5	AROCCLOR-1232	0.88	U	ug/l	0.88		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PCBS	53469-21-9	AROCCLOR-1242	0.88	U	ug/l	0.88		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PCBS	12672-29-6	AROCCLOR-1248	0.88	U	ug/l	0.88		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PCBS	11097-69-1	AROCCLOR-1254	1.8	U	ug/l	1.8		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PCBS	11096-82-5	AROCCLOR-1260	1.8	U	ug/l	1.8		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.088	U	ug/l	0.088		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.088	U	ug/l	0.088		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.88	U	ug/l	0.88		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.088	U	ug/l	0.088		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.088	U	ug/l	0.088		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.088	U	ug/l	0.088		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.18	U	ug/l	0.18		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.088	U	ug/l	0.088		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.88	U	ug/l	0.88		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.088	U	ug/l	0.088		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.088	U	ug/l	0.088		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.88	U	ug/l	0.88		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.8	U	ug/l	1.8		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	78-93-3	2-BUTANONE	4	J	ug/l	5		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U</				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	67-64-1	ACETONE	26	U	ug/l	5		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	2	V	ug/l	1		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	108-88-3	TOLUENE	1	V	ug/l	1		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7216	SW-0602H	0	0	8/9/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	7	V	ug/l			Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	88-74-4	2-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	22	U	ug/l	22		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	99-09-2	3-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	100-01-6	4-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	120-12-7	ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	12.7105	U	ug/l			No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	11	U	ug/l	11		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	4	J	ug/l	11		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	86-74-8	CARBAZOLE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	218-01-9	CHRYSENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	206-44-0	FLUORANTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	86-73-7	FLUORENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	78-59-1	ISOPHORONE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	91-20-3	NAPHTHALENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	85-01-8	PHENANTHRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	108-95-2	PHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA	129-00-0	PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	4	V	ug/l			Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	9	J-	ug/l	2.1		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	59	J-	ug/l	2		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	134	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2.1	V	ug/l	0.6		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	2.2	V	ug/l	1.9		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	48.2	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	253	J	ug/l	1.6		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	460	J	ug/l	10		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.18	U	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	69.5	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	5.1	J	ug/l	1.6		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.9	UJ	ug/l	1.9		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	809	J	ug/l	4.4		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PCBS	12674-11-2	AROCCLOR-1016	0.51	UJ	ug/l	0.51		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PCBS	11104-28-2	AROCCLOR-1221	0.51	UJ	ug/l	0.51		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PCBS	11141-16-5	AROCCLOR-1232	0.51	UJ	ug/l	0.51		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PCBS	53469-21-9	AROCCLOR-1242	0.51	UJ	ug/l	0.51		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PCBS	12672-29-6	AROCCLOR-1248	0.51	UJ	ug/l	0.51		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PCBS	11097-69-1	AROCCLOR-1254	1	UJ	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PCBS	11096-82-5	AROCCLOR-1260	1	UJ	ug/l	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.051	UJ	ug/l	0.051		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.051	UJ	ug/l	0.051		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.51	UJ	ug/l	0.51		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.051	UJ	ug/l	0.051		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.051	UJ	ug/l	0.051		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.051	UJ	ug/l	0.051		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.051	UJ	ug/l	0.051		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.51	UJ	ug/l	0.51		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.051	UJ	ug/l	0.051		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.051	UJ	ug/l	0.051		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.51	UJ	ug/l	0.51		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	UJ	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	67-64-1	ACETONE	9	U	ug/l	5		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	108-88-3	TOLUENE	6	V	ug/l	1		Yes
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0602	Surface Water Estuarine	608924.566	538224.495	7217	SW-0602L	0	0	8/9/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	6	V	ug/l			Yes
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	ug/l	2.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	74.8	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	8.6	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	8.3	J	ug/l	0.8		Yes
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	25.6	V	ug/l	4.4		Yes
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	7	U	ug/l	5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7270	SW-0604H	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.7	U	ug/l	2.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	74.2	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	5	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	18.3	U	ug/l	4.4		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	7	U	ug/l	5		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0604	Surface Water Estuarine	607417.134	538182.825	7271	SW-0604L	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	11	U	ug/l	11		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	22	U	ug/l	22		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	55	U	ug/l	55		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	12.7105	U	ug/l			No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	55	U	ug/l	55		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	11	U	ug/l	11		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	ug/l	2.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	6.5	U	ug/l	6.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	31.6	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	16.9	J	ug/l	1.6		Yes
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	50	V	ug/l	4.4		Yes
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCOLOR-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCOLOR-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCOLOR-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCOLOR-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCOLOR-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCOLOR-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCOLOR-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7272	SW-0605H	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITroso-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	ug/l	2.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	20.3	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	7.5	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	13.5	U	ug/l	4.4		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLOr-1016	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLOr-1221	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLOr-1232	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLOr-1242	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLOr-1248	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLOr-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLOr-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.051	U	ug/l	0.051		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	1	J	ug/l	5		Yes
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	10	U	ug/l	5		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	0.3	J	ug/l	2		Yes
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0605	Surface Water Estuarine	606974.174	538742.047	7273	SW-0605L	0	0	8/10/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	1.3	V	ug/l			Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	3	J	ug/l	10		Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	3	V	ug/l			Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	ug/l	2.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	32.2	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	13.1	J	ug/l	1.6		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	21.8	V	ug/l	4.4		Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCOLOR-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCOLOR-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCOLOR-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCOLOR-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCOLOR-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCOLOR-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCOLOR-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7274	SW-0606H	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	2	J	ug/l	10		Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2	V	ug/l			Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.6	U	ug/l	2.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	33.3	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	J-	ug/l	0.6		Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	9.1	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	3.7	J-	ug/l	2.3		Yes
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	15.4	U	ug/l	4.4		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLOL-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLOL-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLOL-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLOL-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLOL-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLOL-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLOL-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0606	Surface Water Estuarine	606765.863	539107.095	7275	SW-0606L	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITroso-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7429-90-5	ALUMINUM, TOTAL	216	J	ug/l	15.9		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	ug/l	2.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	20	UJ	ug/l	20		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	24.1	J-	ug/l	2.9		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	U	ug/l	0.6		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-70-2	CALCIUM, TOTAL	199000	V	ug/l	22.4		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-48-4	COBALT, TOTAL	2.9	UJ	ug/l	2.9		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	2.2	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	57-12-5	CYANIDE, TOTAL	5	U	ug/l	5		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7439-89-6	IRON, TOTAL	712	J	ug/l	10.7		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3.7	V	ug/l	3		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	661000	V	ug/l	25.4		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7439-96-5	MANGANESE, TOTAL	129	J	ug/l	4.8		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	12.1	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-09-7	POTASSIUM, TOTAL	199000	J	ug/l	820		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	12	V	ug/l	8		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-23-5	SODIUM, TOTAL	5800000	J	ug/l	278		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	9.5	UJ	ug/l	9.5		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-62-2	VANADIUM, TOTAL	83.2	J-	ug/l	7.4		Yes
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCOLOR-1016	0.52	U	ug/l	0.52		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCOLOR-1221	0.52	U	ug/l	0.52		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCOLOR-1232	0.52	U	ug/l	0.52		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCOLOR-1242	0.52	U	ug/l	0.52		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCOLOR-1248	0.52	U	ug/l	0.52		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCOLOR-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCOLOR-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.052	U	ug/l	0.052		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.052	U	ug/l	0.052		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.52	U	ug/l	0.52		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.052	U	ug/l	0.052		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.052	U	ug/l	0.052		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.052	U	ug/l	0.052		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.052	U	ug/l	0.052		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.52	U	ug/l	0.52		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.052	U	ug/l	0.052		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.052	U	ug/l	0.052		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.52	U	ug/l	0.52		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0607	Surface Water Estuarine	606477.688	539869.46	7267	SW-0607	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	U	ug/l	3		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	33.9	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	6.7	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3.3	J	ug/l	3		Yes
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	26.7	J	ug/l	4		Yes
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.1	UJ	ug/l	2.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	20.4	V	ug/l	4.4		Yes
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLOL-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLOL-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLOL-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLOL-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLOL-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLOL-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLOL-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7276	SW-0608H	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	5.4	U	ug/l	2.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	20	U	ug/l	20		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	18.9	I	ug/l	2.9		Yes
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	5.8	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	19.8	U	ug/l	4.4		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCOR-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCOR-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCOR-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCOR-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCOR-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCOR-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCOR-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	0.2	U	ug/l	1		Yes
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0608	Surface Water Estuarine	606447.584	540360.163	7277	SW-0608L	0	0	8/10/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.2	V	ug/l			Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0006	U	ug/l	0.0006		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0007	U	ug/l	0.0007		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0009	U	ug/l	0.0009		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0027	U	ug/l	0.0027		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0016	U	ug/l	0.0016		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0013	U	ug/l	0.0013		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0012	U	ug/l	0.0012		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0011	U	ug/l	0.0011		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0023	U	ug/l	0.0023		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0027	U	ug/l	0.0027		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0006	U	ug/l	0.0006		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0012	U	ug/l	0.0012		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	5.3	U	ug/l	2.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	12.5	V	ug/l	6.5		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	37.1	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	12.3	J	ug/l	1.6		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3.4	J	ug/l	3		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	27.4	V	ug/l	4.4		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCCLOR-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCCLOR-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCCLOR-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCCLOR-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCCLOR-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCCLOR-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCCLOR-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7278	SW-0609H	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0008	U	ug/l	0.0008		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0006	U	ug/l	0.0006		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0009	U	ug/l	0.0009		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0021	U	ug/l	0.0021		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0017	U	ug/l	0.0017		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0016	U	ug/l	0.0016		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0014	U	ug/l	0.0014		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0011	U	ug/l	0.0011		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0017	U	ug/l	0.0017		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.002	U	ug/l	0.002		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0008	U	ug/l	0.0008		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0006	U	ug/l	0.0006		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	ug/l	2.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	20	U	ug/l	20		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	23.8	J	ug/l	2.9		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	8.2	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	UJ	ug/l	8.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	4	J	ug/l	4		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	12.6	U	ug/l	4.4		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLOL-1016	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLOL-1221	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLOL-1232	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLOL-1242	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLOL-1248	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLOL-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLOL-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	0.1	J	ug/l	1		Yes
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0609	Surface Water Estuarine	607035	540744	7279	SW-0609L	0	0	8/10/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.1	V	ug/l			Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLORO BENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	2	J	ug/l	10		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2	V	ug/l			Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	ug/l	2.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	19.5	V	ug/l	6.5		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	10.2	U	ug/l	2.9		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	12.4	J-	ug/l	0.6		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	2.8	V	ug/l	1.9		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	111	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	431	J	ug/l	1.6		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	5.1	J	ug/l	3		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	221	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	8.9	J-	ug/l	2.3		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	3280	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.051	U	ug/l	0.051		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	11	U	ug/l	5		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0610	Surface Water Fresh	607729.808	540564.973	7280	SW-0610	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLORO BENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.001	U	ug/l	0.001		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0006	U	ug/l	0.0006		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.001	U	ug/l	0.001		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.002	U	ug/l	0.002		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0016	U	ug/l	0.0016		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0014	U	ug/l	0.0014		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.001	U	ug/l	0.001		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0014	U	ug/l	0.0014		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.003	U	ug/l	0.003		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0023	U	ug/l	0.0023		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.001	U	ug/l	0.001		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0009	U	ug/l	0.0009		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	ug/l	2.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	10.4	U	ug/l	2.9		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	8.5	J-	ug/l	0.6		Yes
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	8	V	ug/l	1.9		Yes
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	92.5	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	381	J	ug/l	1.6		Yes
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	221	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	5.7	J-	ug/l	2.3		Yes
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	2900	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0613	Surface Water Fresh	607801.081	540469.685	7281	SW-0613	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	61	V	ug/l	10		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLORO BENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	1	J	ug/l	10		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	62	V	ug/l			Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	ug/l	2.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	15.5	V	ug/l	6.5		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	9.9	U	ug/l	2.9		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	12.4	J-	ug/l	0.6		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	111	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	438	J	ug/l	1.6		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	13	J	ug/l	3		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	224	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	9.9	J-	ug/l	2.3		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	6.4	J-	ug/l	7		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	3280	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.051	U	ug/l	0.051		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.51	U	ug/l	0.51		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	10	U	ug/l	5		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0614	Surface Water Fresh	607769.702	540541.052	7282	SW-0614	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	85-68-7	BUTYL BENZYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0009	U	ug/l	0.0009		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0011	U	ug/l	0.0011		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0011	U	ug/l	0.0011		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0032	U	ug/l	0.0032		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0024	U	ug/l	0.0024		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0021	U	ug/l	0.0021		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0025	U	ug/l	0.0025		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0015	U	ug/l	0.0015		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0018	U	ug/l	0.0018		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0028	U	ug/l	0.0028		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0009	U	ug/l	0.0009		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0011	U	ug/l	0.0011		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7429-90-5	ALUMINUM, TOTAL	67300	J	ug/l	15.9		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	ug/l	2.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	27.7	J-	ug/l	2.9		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	2.7	V	ug/l	0.6		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	18.1	V	ug/l	1.9		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-70-2	CALCIUM, TOTAL	101000	V	ug/l	22.4		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	264	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-48-4	COBALT, TOTAL	45.5	J-	ug/l	2.9		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	671	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	57-12-5	CYANIDE, TOTAL	5	U	ug/l	5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7439-89-6	IRON, TOTAL	55900	J	ug/l	10.7		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	17.5	V	ug/l	3		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	25200	V	ug/l	25.4		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7439-96-5	MANGANESE, TOTAL	1370	J	ug/l	4.8		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	98.8	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-09-7	POTASSIUM, TOTAL	3170	J	ug/l	820		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	8	U	ug/l	8		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-23-5	SODIUM, TOTAL	4870	J	ug/l	27.8		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	9.5	UJ	ug/l	9.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-62-2	VANADIUM, TOTAL	10.8	J-	ug/l	7.4		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	6940	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	78-93-3	2-BUTANONE	3	J	ug/l	5		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	67-64-1	ACETONE	38	V	ug/l	10		Yes
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0615	Surface Water Fresh	607984.793	540461.258	7268	SW-0615	0	0	8/10/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	41	V	ug/l			Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	2	J	ug/l	10		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2	V	ug/l			Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0004	U	ug/l	0.0004		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0003	U	ug/l	0.0003		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0015	U	ug/l	0.0015		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0025	U	ug/l	0.0025		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.002	U	ug/l	0.002		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0014	U	ug/l	0.0014		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0017	U	ug/l	0.0017		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0015	U	ug/l	0.0015		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0018	U	ug/l	0.0018		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0028	U	ug/l	0.0028		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0007	U	ug/l	0.0007		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0005	U	ug/l	0.0005		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.79	V	ug/l	0.12		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	64.3	V	ug/l	2.9		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	U	ug/l	0.6		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	U	ug/l	4.4		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	3.2	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	2.4	U	ug/l	2.4		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	11.6	V	ug/l	8.1		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.9	J-	ug/l	1.2		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	U	ug/l	2.3		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	115	U	ug/l	4.4		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	100	U	ug/l	100		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.9	J	ug/l	1		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7083	SW-0616H	0	0	8/4/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.9	V	ug/l			Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	118-74-1	HEXACHLORO BENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0007	U	ug/l	0.0007		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0004	U	ug/l	0.0004		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0012	U	ug/l	0.0012		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0037	U	ug/l	0.0037		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0017	U	ug/l	0.0017		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0014	U	ug/l	0.0014		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0019	U	ug/l	0.0019		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0013	U	ug/l	0.0013		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0015	U	ug/l	0.0015		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0022	U	ug/l	0.0022		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0007	U	ug/l	0.0007		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0005	U	ug/l	0.0005		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.56	V	ug/l	0.12		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7429-90-5	ALUMINUM, TOTAL	1030	J-	ug/l	15.9		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	4	V	ug/l	2.3		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	70.2	J-	ug/l	2.9		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	UJ	ug/l	0.6		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-70-2	CALCIUM, TOTAL	38200	V	ug/l	22.4		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	5.6	J-	ug/l	4.4		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-48-4	COBALT, TOTAL	26.4	J-	ug/l	2.9		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	10.9	U	ug/l	1.6		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	57-12-5	CYANIDE, TOTAL	5	U	ug/l	5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7439-89-6	IRON, TOTAL	5860	V	ug/l	10.7		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	16.7	J-	ug/l	2.4		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	67800	V	ug/l	25.4		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7439-96-5	MANGANESE, TOTAL	1390	J-	ug/l	4.8		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	22.4	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-09-7	POTASSIUM, TOTAL	23500	J	ug/l	820		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-23-5	SODIUM, TOTAL	553000	V	ug/l	27.8		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-62-2	VANADIUM, TOTAL	11.8	J-	ug/l	7.4		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	140	U	ug/l	4.4		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PCBS	12674-11-2	AROCOLOR-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PCBS	11104-28-2	AROCOLOR-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PCBS	11141-16-5	AROCOLOR-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PCBS	53469-21-9	AROCOLOR-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PCBS	12672-29-6	AROCOLOR-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PCBS	11097-69-1	AROCOLOR-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PCBS	11096-82-5	AROCOLOR-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	100	U	ug/l	100		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	67-64-1	ACETONE	6	U	ug/l	5		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.5	J	ug/l	1		Yes
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0616	Surface Water Estuarine	609592.592	538942.464	7087	SW-0616L	0	0	8/4/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.5	V	ug/l			Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	J	ug/l	10		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1	V	ug/l			Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.37	V	ug/l	0.12		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	55.8	V	ug/l	2.9		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	U	ug/l	0.6		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	U	ug/l	4.4		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	6.4	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	1.8	U	ug/l	0.8		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	V	ug/l	0.1		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	10.3	V	ug/l	8.1		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	U	ug/l	2.3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	115	U	ug/l	4.4		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PCBS	12674-11-2	AROCLOL-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PCBS	11104-28-2	AROCLOL-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PCBS	11141-16-5	AROCLOL-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PCBS	53469-21-9	AROCLOL-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PCBS	12672-29-6	AROCLOL-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PCBS	11097-69-1	AROCLOL-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PCBS	11096-82-5	AROCLOL-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	UJ	ug/l	0.05		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	UJ	ug/l	0.05		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	UJ	ug/l	0.5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	UJ	ug/l	0.05		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	UJ	ug/l	0.05		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	UJ	ug/l	0.05		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	UJ	ug/l	0.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	UJ	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	UJ	ug/l	0.05		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	UJ	ug/l	0.5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	UJ	ug/l	0.05		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	UJ	ug/l	0.05		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	UJ	ug/l	0.5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	UJ	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	100	U	ug/l	100		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.3	J	ug/l	1		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7084	SW-0617H	0	0	8/4/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.3	V	ug/l			Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	85-68-7	BUTYLBENZYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	J	ug/l	10		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1	V	ug/l			Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.57	V	ug/l	0.12		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	83.5	V	ug/l	2.9		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	U	ug/l	0.6		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	U	ug/l	4.4		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	11	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	2.9	U	ug/l	2.4		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	21.9	V	ug/l	8.1		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	U	ug/l	2.3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	146	U	ug/l	4.4		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PCBS	12674-11-2	AROCLOL-1016	0.57	U	ug/l	0.57		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PCBS	11104-28-2	AROCLOL-1221	0.57	U	ug/l	0.57		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PCBS	11141-16-5	AROCLOL-1232	0.57	U	ug/l	0.57		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PCBS	53469-21-9	AROCLOL-1242	0.57	U	ug/l	0.57		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PCBS	12672-29-6	AROCLOL-1248	0.57	U	ug/l	0.57		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PCBS	11097-69-1	AROCLOL-1254	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PCBS	11096-82-5	AROCLOL-1260	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.057	U	ug/l	0.057		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.057	U	ug/l	0.057		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.57	U	ug/l	0.57		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.057	U	ug/l	0.057		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.057	U	ug/l	0.057		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.057	U	ug/l	0.057		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.11	U	ug/l	0.11		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.057	U	ug/l	0.057		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.57	U	ug/l	0.57		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.057	U	ug/l	0.057		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.057	U	ug/l	0.057		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.57	U	ug/l	0.57		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	100	U	ug/l	100		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	67-64-1	ACETONE	8	U	ug/l	5		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.5	J	ug/l	1		Yes
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0617	Surface Water Estuarine	609292.638	539341.075	7088	SW-0617L	0	0	8/4/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.5	V	ug/l			Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	23	UJ	ug/l	23		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	37.2	V	ug/l	2.9		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	U	ug/l	0.6		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	U	ug/l	4.4		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	7.3	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	2.4	U	ug/l	2.4		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	V	ug/l	0.1		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	U	ug/l	8.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	U	ug/l	2.3		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	24.1	U	ug/l	4.4		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	100	U	ug/l	100		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7085	SW-0618H	0	0	8/4/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.25	V	ug/l	0.12		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	7.8	J-	ug/l	2.3		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-39-3	BARIIUM, TOTAL	52.3	V	ug/l	2.9		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	U	ug/l	0.6		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	U	ug/l	4.4		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	11.9	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	7.8	U	ug/l	2.4		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	11.6	V	ug/l	8.1		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	U	ug/l	2.3		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.8	UJ	ug/l	1.8		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	68.4	U	ug/l	4.4		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PCBS	12674-11-2	AROCOLOR-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PCBS	11104-28-2	AROCOLOR-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PCBS	11141-16-5	AROCOLOR-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PCBS	53469-21-9	AROCOLOR-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PCBS	12672-29-6	AROCOLOR-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PCBS	11097-69-1	AROCOLOR-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PCBS	11096-82-5	AROCOLOR-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	100	U	ug/l	100		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	78-93-3	2-BUTANONE	2	J	ug/l	5		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	67-64-1	ACETONE	14	U	ug/l	5		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.3	J	ug/l	1		Yes
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0618	Surface Water Estuarine	608760.259	540076.713	7089	SW-0618L	0	0	8/4/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	2.3	V	ug/l			Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	UJ	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	20	UJ	ug/l	20		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	UJ	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	UJ	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	218-01-9	CHRYSENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	UJ	ug/l	10		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	86-73-7	FLUORENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	118-74-1	HEXACHLORO BENZENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	BNA	129-00-0	PYRENE	10	UJ	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0007	U	ug/l	0.0007		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0005	U	ug/l	0.0005		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.001	U	ug/l	0.001		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.002	U	ug/l	0.002		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0021	U	ug/l	0.0021		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0013	U	ug/l	0.0013		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0016	U	ug/l	0.0016		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0011	U	ug/l	0.0011		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0009	U	ug/l	0.0009		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.002	U	ug/l	0.002		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0007	U	ug/l	0.0007		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0005	U	ug/l	0.0005		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	23	UJ	ug/l	23		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	22.6	V	ug/l	2.9		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.6	U	ug/l	0.6		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	U	ug/l	4.4		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	3.5	V	ug/l	1.6		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	2.4	U	ug/l	2.4		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	8.1	U	ug/l	8.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	U	ug/l	2.3		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	ug/l	1.3		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	8.6	U	ug/l	4.4		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PCBS	12674-11-2	AROCOR-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PCBS	11104-28-2	AROCOR-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PCBS	11141-16-5	AROCOR-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PCBS	53469-21-9	AROCOR-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PCBS	12672-29-6	AROCOR-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PCBS	11097-69-1	AROCOR-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PCBS	11096-82-5	AROCOR-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	100	U	ug/l	100		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	67-64-1	ACETONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7086	SW-0619H	0	0	8/4/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	51-28-5	2,4-DINITROPHENOL	50	U	ug/l	50		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	95-57-8	2-CHLOROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	88-74-4	2-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	88-75-5	2-NITROPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	20	U	ug/l	20		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	99-09-2	3-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	106-47-8	4-CHLOROANILINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	106-44-5	4-METHYLPHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	100-01-6	4-NITROANILINE	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	100-02-7	4-NITROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	83-32-9	ACENAPHTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	208-96-8	ACENAPHTHYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	120-12-7	ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	11.555	U	ug/l			No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	50-32-8	BENZO(A)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	86-74-8	CARBAZOLE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	218-01-9	CHRYSENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	132-64-9	DIBENZOFURAN	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	84-66-2	DIETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	131-11-3	DIMETHYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	206-44-0	FLUORANTHENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	86-73-7	FLUORENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	118-74-1	HEXACHLOROBENZENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	67-72-1	HEXACHLOROETHANE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	78-59-1	ISOPHORONE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	91-20-3	NAPHTHALENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	98-95-3	NITROBENZENE (BNA)	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	87-86-5	PENTACHLOROPHENOL	50	U	ug/l	50		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	85-01-8	PHENANTHRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	108-95-2	PHENOL	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	BNA	129-00-0	PYRENE	10	U	ug/l	10		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.0008	U	ug/l	0.0008		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.0006	U	ug/l	0.0006		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.0015	U	ug/l	0.0015		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0036	U	ug/l	0.0036		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.0032	U	ug/l	0.0032		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.0035	U	ug/l	0.0035		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0024	U	ug/l	0.0024		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.0028	U	ug/l	0.0028		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0028	U	ug/l	0.0028		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0042	U	ug/l	0.0042		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.0013	U	ug/l	0.0013		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0008	U	ug/l	0.0008		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.12	U	ug/l	0.12		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	2691-41-0	HMX	1.1	U	ug/l	1.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.13	U	ug/l	0.13		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	121-82-4	RDX	0.54	U	ug/l	0.54		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	EXPLOSIVES	479-45-8	TETRYL	0.38	U	ug/l	0.38		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7429-90-5	ALUMINUM, TOTAL	426	V	ug/l	15.9		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	UJ	ug/l	3		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	23	U	ug/l	23		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-39-3	BARIUM, TOTAL	55.4	J-	ug/l	2.9		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.6	J-	ug/l	0.6		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.9	U	ug/l	1.9		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-70-2	CALCIUM, TOTAL	125000	V	ug/l	22.4		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	4.4	UJ	ug/l	4.4		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-48-4	COBALT, TOTAL	2.9	UJ	ug/l	2.9		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-50-8	COPPER, TOTAL	6.3	U	ug/l	1.6		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	57-12-5	CYANIDE, TOTAL	5	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7439-89-6	IRON, TOTAL	3190	V	ug/l	10.7		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7439-92-1	LEAD, TOTAL	2.4	UJ	ug/l	2.4		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	396000	V	ug/l	25.4		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7439-96-5	MANGANESE, TOTAL	376	J-	ug/l	4.8		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.32	V	ug/l	0.1		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-02-0	NICKEL, TOTAL	12.1	J-	ug/l	8.1		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-09-7	POTASSIUM, TOTAL	121000	J	ug/l	820		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	37	J-	ug/l	13		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	UJ	ug/l	2.3		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-23-5	SODIUM, TOTAL	3170000	V	ug/l	278		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-62-2	VANADIUM, TOTAL	62.3	J-	ug/l	7.4		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	METALS	7440-66-6	ZINC, TOTAL	82.5	V	ug/l	4.4		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PCBS	12674-11-2	AROCLO-1016	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PCBS	11104-28-2	AROCLO-1221	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PCBS	11141-16-5	AROCLO-1232	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PCBS	53469-21-9	AROCLO-1242	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PCBS	12672-29-6	AROCLO-1248	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PCBS	11097-69-1	AROCLO-1254	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PCBS	11096-82-5	AROCLO-1260	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.1	U	ug/l	0.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.1	U	ug/l	0.1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.05	U	ug/l	0.05		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.5	U	ug/l	0.5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	100	U	ug/l	100		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	75-34-3	1,1-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	75-35-4	1,1-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	107-06-2	1,2-DICHLOROETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	78-93-3	2-BUTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	591-78-6	2-HEXANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	5	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	67-64-1	ACETONE	6	U	ug/l	5		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	71-43-2	BENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	75-27-4	BROMODICHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	75-25-2	BROMOFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	74-83-9	BROMOMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	75-15-0	CARBON DISULFIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	56-23-5	CARBON TETRACHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	108-90-7	CHLOROBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	75-00-3	CHLOROETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	67-66-3	CHLOROFORM	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	74-87-3	CHLOROMETHANE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	100-41-4	ETHYLBENZENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	75-09-2	METHYLENE CHLORIDE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	100-42-5	STYRENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	127-18-4	TETRACHLOROETHYLENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	108-88-3	TOLUENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.5	J	ug/l	1		Yes
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	75-01-4	VINYL CHLORIDE	2	U	ug/l	2		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA	1330-20-7	XYLENES (TOTAL)	1	U	ug/l	1		No
Area 6	Area6_SW	SW0619	Surface Water Estuarine	608147.209	540879.355	7090	SW-0619L	0	0	8/4/1994	WS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.5	V	ug/l			Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7429-90-5	ALUMINUM, DISSOLVED	181	B	ug/l	200		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-36-0	ANTIMONY, DISSOLVED	1.7	U	ug/l	10		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-38-2	ARSENIC, DISSOLVED	1.9	U	ug/l	10		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-39-3	BARIUM, DISSOLVED	65.5	BE	ug/l	200		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-41-7	BERYLLIUM, DISSOLVED	0.99	B	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-43-9	CADMIUM, DISSOLVED	0.28	B	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-70-2	CALCIUM, DISSOLVED	103000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-47-3	CHROMIUM, DISSOLVED	0.6	U	ug/l	10		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-48-4	COBALT, DISSOLVED	55.7	V	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-50-8	COPPER, DISSOLVED	4.3	B	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7439-89-6	IRON, DISSOLVED	60.3	B	ug/l	100		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7439-92-1	LEAD, DISSOLVED	1.6	B	ug/l	3		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7439-95-4	MAGNESIUM, DISSOLVED	204000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7439-96-5	MANGANESE, DISSOLVED	1150	V	ug/l	10		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7439-97-6	MERCURY, DISSOLVED	0.1	U	ug/l	0.2		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-02-0	NICKEL, DISSOLVED	47.1	V	ug/l	40		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-09-7	POTASSIUM, DISSOLVED	91400	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7782-49-2	SELENIUM, DISSOLVED	18.2	V	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-22-4	SILVER, DISSOLVED	0.7	U	ug/l	5		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-23-5	SODIUM, DISSOLVED	1700000	V	ug/l	100000		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-28-0	THALLIUM, DISSOLVED	2.8	U	ug/l	10		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-62-2	VANADIUM, DISSOLVED	0.5	U	ug/l	20		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	DMETALS	7440-66-6	ZINC, DISSOLVED	116	V	ug/l	20		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	35572-78-2	2-AMINO-4,6-DINITROTOLUENE	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	19406-51-0	4-AMINO-2,6-DINITROTOLUENE	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	2691-41-0	HMX	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	121-82-4	RDX	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	EXPLOSIVES	479-45-8	TETRYL	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7429-90-5	ALUMINUM, TOTAL	959	V	ug/l	200		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.7	U	ug/l	10		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	1.9	U	ug/l	10		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-39-3	BARIUM, TOTAL	56.1	BE	ug/l	200		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.85	BN	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.2	U	ug/l	5		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-70-2	CALCIUM, TOTAL	88600	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	0.6	UN	ug/l	10		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-48-4	COBALT, TOTAL	47.5	V	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-50-8	COPPER, TOTAL	6.9	V	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7439-89-6	IRON, TOTAL	307	N	ug/l	100		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7439-92-1	LEAD, TOTAL	1.8	B	ug/l	3		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	172000	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7439-96-5	MANGANESE, TOTAL	988	E	ug/l	10		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.2		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-02-0	NICKEL, TOTAL	39.4	BN	ug/l	40		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-09-7	POTASSIUM, TOTAL	75700	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	16	V	ug/l	5		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-22-4	SILVER, TOTAL	0.7	U	ug/l	5		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-23-5	SODIUM, TOTAL	1640000	V	ug/l	100000		Yes
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.8	UN	ug/l	10		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-62-2	VANADIUM, TOTAL	0.5	U	ug/l	20		No
Area 6	Area6_SW	SW0630	Surface Water Estuarine	609297.003	539321.0259	13489	SW0630	0	0	9/14/2005	WS	N	METALS	7440-66-6	ZINC, TOTAL	95.9	N	ug/l	20		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7429-90-5	ALUMINUM, DISSOLVED	32.5	B	ug/l	200		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-36-0	ANTIMONY, DISSOLVED	1.7	U	ug/l	10		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-38-2	ARSENIC, DISSOLVED	2.5	B	ug/l	10		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-39-3	BARIUM, DISSOLVED	83	BE	ug/l	200		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-41-7	BERYLLIUM, DISSOLVED	0.21	B	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-43-9	CADMIUM, DISSOLVED	0.38	B	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-70-2	CALCIUM, DISSOLVED	144000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-47-3	CHROMIUM, DISSOLVED	0.6	U	ug/l	10		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-48-4	COBALT, DISSOLVED	13.1	V	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-50-8	COPPER, DISSOLVED	1.7	B	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7439-89-6	IRON, DISSOLVED	48.4	B	ug/l	100		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7439-92-1	LEAD, DISSOLVED	1.4	U	ug/l	3		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7439-95-4	MAGNESIUM, DISSOLVED	381000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7439-96-5	MANGANESE, DISSOLVED	399	V	ug/l	10		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7439-97-6	MERCURY, DISSOLVED	0.1	U	ug/l	0.2		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-02-0	NICKEL, DISSOLVED	12.4	B	ug/l	40		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-09-7	POTASSIUM, DISSOLVED	175000	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7782-49-2	SELENIUM, DISSOLVED	29.3	V	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-22-4	SILVER, DISSOLVED	0.7	B	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-23-5	SODIUM, DISSOLVED	3010000	V	ug/l	100000		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-28-0	THALLIUM, DISSOLVED	4.3	B	ug/l	10		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-62-2	VANADIUM, DISSOLVED	0.5	U	ug/l	20		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	DMETALS	7440-66-6	ZINC, DISSOLVED	0.5</					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	35572-78-2	2-AMINO-4,6-DINITROTOLUENE	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	19406-51-0	4-AMINO-2,6-DINITROTOLUENE	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	2691-41-0	HMX	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	121-82-4	RDX	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	EXPLOSIVES	479-45-8	TETRYL	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7429-90-5	ALUMINUM, TOTAL	143	B	ug/l	200		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.7	U	ug/l	10		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	1.9	U	ug/l	10		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-39-3	BARIUM, TOTAL	72.9	BE	ug/l	200		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.1	UN	ug/l	5		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.2	U	ug/l	5		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-70-2	CALCIUM, TOTAL	128000	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	0.6	UN	ug/l	10		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-48-4	COBALT, TOTAL	11.8	V	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-50-8	COPPER, TOTAL	4.1	B	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7439-89-6	IRON, TOTAL	926	N	ug/l	100		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7439-92-1	LEAD, TOTAL	1.4	U	ug/l	3		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	327000	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7439-96-5	MANGANESE, TOTAL	361	E	ug/l	10		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.2		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-02-0	NICKEL, TOTAL	10.7	BN	ug/l	40		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-09-7	POTASSIUM, TOTAL	149000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	27.1	V	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-22-4	SILVER, TOTAL	0.72	B	ug/l	5		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-23-5	SODIUM, TOTAL	2910000	V	ug/l	100000		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.8	UN	ug/l	10		No
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-62-2	VANADIUM, TOTAL	0.65	B	ug/l	20		Yes
Area 6	Area6_SW	SW0631	Surface Water Estuarine	608164.418	540866.0705	13491	SW0631	0	0	9/14/2005	WS	N	METALS	7440-66-6	ZINC, TOTAL	0.5	UN	ug/l	20		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7429-90-5	ALUMINUM, DISSOLVED	45.1	B	ug/l	200		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-36-0	ANTIMONY, DISSOLVED	3.8	B	ug/l	10		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-38-2	ARSENIC, DISSOLVED	5.1	B	ug/l	10		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-41-7	BERYLLIUM, DISSOLVED	0.28	B	ug/l	5		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-43-9	CADMIUM, DISSOLVED	0.2	U	ug/l	5		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-70-2	CALCIUM, DISSOLVED	222000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-47-3	CHROMIUM, DISSOLVED	0.6	U	ug/l	10		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-48-4	COBALT, DISSOLVED	1.1	B	ug/l	5		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-50-8	COPPER, DISSOLVED	1.2	B	ug/l	5		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7439-89-6	IRON, DISSOLVED	173	V	ug/l	100		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7439-92-1	LEAD, DISSOLVED	1.4	U	ug/l	3		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13495	SW0632	0	0	9/14/2005	WS	N	DMETALS	7439-95-4	MAGNESIUM, DISSOLVED	34727.59	V	ug/l	500000		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7439-96-5	MANGANESE, DISSOLVED	103	V	ug/l	10		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7439-97-6	MERCURY, DISSOLVED	0.1	U	ug/l	0.2		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-02-0	NICKEL, DISSOLVED	2	B	ug/l	40		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13495	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-09-7	POTASSIUM, DISSOLVED	282513.8	V	ug/l	25000		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7782-49-2	SELENIUM, DISSOLVED	45.6	V	ug/l	5		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-22-4	SILVER, DISSOLVED	0.74	B	ug/l	5		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13495	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-23-5	SODIUM, DISSOLVED	278595.6	V	ug/l	500000		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-28-0	THALLIUM, DISSOLVED	3.9	B	ug/l	10		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-62-2	VANADIUM, DISSOLVED	1.1	B	ug/l	20		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	DMETALS	7440-66-6	ZINC, DISSOLVED	0.5	U	ug/l	20		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	606-20-2	2						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	35572-78-2	2-AMINO-4,6-DINITROTOLUENE	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	19406-51-0	4-AMINO-2,6-DINITROTOLUENE	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	2691-41-0	HMX	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	121-82-4	RDX	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	EXPLOSIVES	479-45-8	TETRYL	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7429-90-5	ALUMINUM, TOTAL	25.5	B	ug/l	200		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.7	U	ug/l	10		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	4.2	B	ug/l	10		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.1	UN	ug/l	5		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.2	U	ug/l	5		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13495	SW0632	0	0	9/14/2005	WS	N	METALS	7440-70-2	CALCIUM, TOTAL	205359.4	V	ug/l	25000		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	0.6	UN	ug/l	10		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-48-4	COBALT, TOTAL	0.6	U	ug/l	5		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-50-8	COPPER, TOTAL	2.3	B	ug/l	5		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7439-89-6	IRON, TOTAL	647	N	ug/l	100		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7439-92-1	LEAD, TOTAL	1.4	U	ug/l	3		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13495	SW0632	0	0	9/14/2005	WS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	626400	V	ug/l	25000		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13495	SW0632	0	0	9/14/2005	WS	N	METALS	7439-96-5	MANGANESE, TOTAL	104.14	V	ug/l	50		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.2		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-02-0	NICKEL, TOTAL	1.4	BN	ug/l	40		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-09-7	POTASSIUM, TOTAL	272000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	42.1	V	ug/l	5		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-22-4	SILVER, TOTAL	0.7	U	ug/l	5		No
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13495	SW0632	0	0	9/14/2005	WS	N	METALS	7440-23-5	SODIUM, TOTAL	5186340	V	ug/l	500000		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	3.9	BN	ug/l	10		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-62-2	VANADIUM, TOTAL	1.3	B	ug/l	20		Yes
Area 6	Area6_SW	SW0632	Surface Water Estuarine	606509.0855	539874.884	13493	SW0632	0	0	9/14/2005	WS	N	METALS	7440-66-6	ZINC, TOTAL	0.5	UN	ug/l	20		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7429-90-5	ALUMINUM, DISSOLVED	37.2	B	ug/l	200		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-36-0	ANTIMONY, DISSOLVED	1.7	U	ug/l	10		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-38-2	ARSENIC, DISSOLVED	3.1	B	ug/l	10		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-39-3	BARIUM, DISSOLVED	39	BE	ug/l	200		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-41-7	BERYLLIUM, DISSOLVED	0.11	B	ug/l	5		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-43-9	CADMIUM, DISSOLVED	0.2	U	ug/l	5		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-70-2	CALCIUM, DISSOLVED	125000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-47-3	CHROMIUM, DISSOLVED	0.6	U	ug/l	10		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-48-4	COBALT, DISSOLVED	0.65	B	ug/l	5		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-50-8	COPPER, DISSOLVED	1	B	ug/l	5		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7439-89-6	IRON, DISSOLVED	200	V	ug/l	100		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7439-92-1	LEAD, DISSOLVED	1.4	U	ug/l	3		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7439-95-4	MAGNESIUM, DISSOLVED	354000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7439-96-5	MANGANESE, DISSOLVED	115	V	ug/l	10		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7439-97-6	MERCURY, DISSOLVED	0.1	U	ug/l	0.2		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-02-0	NICKEL, DISSOLVED	1.7	B	ug/l	40		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-09-7	POTASSIUM, DISSOLVED	164000	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7782-49-2	SELENIUM, DISSOLVED	28.2	V	ug/l	5		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-22-4	SILVER, DISSOLVED	0.7	U	ug/l	5		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-23-5	SODIUM, DISSOLVED	2810000	V	ug/l	100000		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-28-0	THALLIUM, DISSOLVED	5.2	B	ug/l	10		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-62-2	VANADIUM, DISSOLVED	0.5	U	ug/l	20		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	DMETALS	7440-66-6	ZINC, DISSOLVED	0.5	U	ug/l	20		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	35572-78-2	2-AMINO-4,6-DINITROTOLUENE	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	19406-51-0	4-AMINO-2,6-DINITROTOLUENE	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	2691-41-0	HMX	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	3.85	U	ug/l	3.85		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	121-82-4	RDX	3.85	U	ug/l	3.85		No</

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	EXPLOSIVES	479-45-8	TETRYL	7.7	U	ug/l	7.7		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7429-90-5	ALUMINUM, TOTAL	684	V	ug/l	200		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.7	U	ug/l	10		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-38-2	ARSENIC, TOTAL	8.9	B	ug/l	10		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-39-3	BARIUM, TOTAL	37.2	BE	ug/l	200		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.1	UN	ug/l	5		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.2	U	ug/l	5		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-70-2	CALCIUM, TOTAL	113000	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-47-3	CHROMIUM, TOTAL	2.6	BN	ug/l	10		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-48-4	COBALT, TOTAL	1.1	B	ug/l	5		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-50-8	COPPER, TOTAL	9.7	V	ug/l	5		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7439-89-6	IRON, TOTAL	2670	N	ug/l	100		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7439-92-1	LEAD, TOTAL	6.2	V	ug/l	3		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	316000	E	ug/l	5000		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7439-96-5	MANGANESE, TOTAL	109	E	ug/l	10		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	ug/l	0.2		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-02-0	NICKEL, TOTAL	2.5	BN	ug/l	40		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-09-7	POTASSIUM, TOTAL	145000	V	ug/l	5000		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7782-49-2	SELENIUM, TOTAL	26	V	ug/l	5		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-22-4	SILVER, TOTAL	0.76	B	ug/l	5		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-23-5	SODIUM, TOTAL	2890000	V	ug/l	100000		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.8	UN	ug/l	10		No
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-62-2	VANADIUM, TOTAL	3.9	B	ug/l	20		Yes
Area 6	Area6_SW	SW0634	Surface Water Estuarine	606960.635	538761.739	13497	SW0634	0	0	9/14/2005	WS	N	METALS	7440-66-6	ZINC, TOTAL	0.5	UN	ug/l	20		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.12667	=	mg/kg			Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.28	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.36	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.76	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.23	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.2	UJ	mg/kg	1.2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.37	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.69	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5.8	UJ	mg/kg	5.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.34	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.83	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	4.22	V	mg/kg			Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	28.4	J	%	0.1		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.3	J	ph units	0.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	96.2	J	mg/kg	10.5		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	59.7	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.71	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	60.5	J	mg/kg	1.1		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	289	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	243	J	mg/kg	6.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.71	J	mg/kg	0.25		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	19.2	J	mg/kg	3.3		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	7	J	mg/kg	2.4		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	3.8	J	mg/kg	0.66		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	64.5	J	mg/kg	0.69		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOR-1016	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOR-1221	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOR-1232	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOR-1242	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOR-1248	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOR-1254	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOR-1260	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.042	J	mg/kg	0.28		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.28	UJ	mg/kg	0.28		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.28	UJ	mg/kg	0.28		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.14	UJ	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.8	UJ	mg/kg	2.8		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	15	V	mg/kg	0.94		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.2	U	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.035	UJ	mg/kg	0.035		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7459	SS-0601A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.018	UJ	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.649061	=	mg/kg			Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.069	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.091	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	85-68-7	BUTYL.BENZYL.PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.061	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.1	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.13	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.451	V	mg/kg			Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	55	V	%	0.1		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	INORGANIC	PH	PH	4.3	V	ph units	0.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.8	J-	mg/kg	1.1		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	61	V	mg/kg	5.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	65.1	V	mg/kg	0.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.79	V	mg/kg	0.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.17	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	53.7	V	mg/kg	0.54		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	69.3	V	mg/kg	0.27		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	72.4	V	mg/kg	3		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.26	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	26.2	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.6	V	mg/kg	1.2		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1	V	mg/kg	0.32		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.7	J-	mg/kg	1.4		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	93.8	V	mg/kg	0.34		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.9	U	mg/kg	0.9		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.063	J	mg/kg	0.018		Yes
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0601	Soil Sample	608506.112	538334.249	7464	SS-0601B	0.5	1	8/31/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.063	V	mg/kg			Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.44236	=	mg/kg			Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.091	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.11	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.2	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.063	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.13	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.18	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.55	U	mg/kg	0.55		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.09	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.2	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.064	V	mg/kg			Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	60.5	V	%	0.1		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.4	V	ph units	0.2		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	20500	V	mg/kg	3.5		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	49	V	mg/kg	5.1		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	94	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.63	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	656	V	mg/kg	1.7		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	58.5	V	mg/kg	0.53		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	7.5	V	mg/kg	0.47		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	87	J+	mg/kg	0.26		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	45000	V	mg/kg	0.71		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	112	V	mg/kg	3		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5380	V	mg/kg	5.6		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	157	V	mg/kg	0.11		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.37	V	mg/kg	0.13		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.4	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	4260	J+	mg/kg	66.3		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2	V	mg/kg	1.2		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.5	V	mg/kg	0.32		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	904	V	mg/kg	1.9		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	74.3	V	mg/kg	0.31		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	71.3	V	mg/kg	0.33		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.043	V	mg/kg	0.13		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.92	U	mg/kg	0.92		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.042	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.003	J	mg/kg	0.008		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7465	SS-0602A	0	0.5	8/31/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.003	V	mg/kg			Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.8	UJ	mg/kg	1.8		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.03995	U	mg/kg			No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.18	UJ	mg/kg	0.9		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.9	U	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.11	J	mg/kg	0.9		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	4.5	UJ	mg/kg	4.5		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.13	J	mg/kg	0.9		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.42	V	mg/kg			Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	35.9	J	%	0.1		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	INORGANIC	PH	PH	4.4	J	ph units	0.2		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	24300	J	mg/kg	6.5		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	60.4	J	mg/kg	9.6		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	96	J	mg/kg	0.36		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1	J	mg/kg	0.36		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	766	J	mg/kg	3.1		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	66.3	J	mg/kg	0.99		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	9.8	J	mg/kg	0.89		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	105	J	mg/kg	0.49		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	53900	J	mg/kg	1.3		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	125	J	mg/kg	5.6		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5850	J	mg/kg	10.4		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	168	J	mg/kg	0.21		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	27.4	J	mg/kg	3		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	5620	J	mg/kg	124		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	4.8	J	mg/kg	2.3		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.3	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1570	J	mg/kg	3.5		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	3.4	J	mg/kg	2.7		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	86.4	J	mg/kg	0.57		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	125	J	mg/kg	0.62		Yes
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	2.2	UJ	mg/kg	2.2		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	2.2	UJ	mg/kg	2.2		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.22	UJ	mg/kg	0.22		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.11	UJ	mg/kg	0.11		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.2	UJ	mg/kg	2.2		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.014	UJ	mg/kg	0.014		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.028	UJ	mg/kg	0.028		No
Area 6	Area6_TS	0602	Soil Sample	608326.172	538615.5	7466	SS-0602B	0.5	1	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.014	UJ	mg/kg	0.014		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2	UJ	mg/kg	2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.76034	=	mg/kg			Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.22	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.18	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.45	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.23	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.24	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.41	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.12	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.22	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.52	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.7	V	mg/kg			Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	33.1	J	%	0.1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.3	J	ph units	0.2		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	238	J	mg/kg	8.8		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	51.9	J	mg/kg	0.34		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.38	J	mg/kg	0.34		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	90.2	J	mg/kg	0.91		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	200	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	262	J	mg/kg	5.2		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.2	J	mg/kg	0.26		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.5	J	mg/kg	2.8		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	15.1	J	mg/kg	2		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	4.4	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	69.8	J	mg/kg	0.58		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.03	J	mg/kg	0.12		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	6.5	V	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.015	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.03	UJ	mg/kg	0.03		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7462	SS-0603A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2	UJ	mg/kg	2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.70518	=	mg/kg			Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.12	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.11	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.28	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.18	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.25	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.13	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.34	J	mg/kg	1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.77	V	mg/kg			Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	32.7	J	%	0.1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	INORGANIC	PH	PH	4.1	J	ph units	0.2		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2	UJ	mg/kg	2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	107	J	mg/kg	9		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	68.6	J	mg/kg	0.34		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.57	J	mg/kg	0.34		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	64.7	J	mg/kg	0.93		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	118	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	157	J	mg/kg	5.3		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.97	J	mg/kg	0.24		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	25.5	J	mg/kg	2.9		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	6.2	J	mg/kg	2.1		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.3	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	65.5	J	mg/kg	0.59		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	1.2	UJ	mg/kg	1.2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	11	V	mg/kg	0.96		Yes
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.11	U	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0603	Soil Sample	608096.898	538461.024	7463	SS-0603B	0.5	1	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.015	UJ	mg/kg	0.015		No
Area 6	Area6_TS</																				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.47437	=	mg/kg			Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.17	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.12	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.28	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.17	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.34	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.071	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3	U	mg/kg	3		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.17	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.4	J	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.071	V	mg/kg			Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	53.9	V	%	0.1		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.2	V	ph units	0.2		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.3	J-	mg/kg	1.2		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	72.8	V	mg/kg	5.3		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	90.4	V	mg/kg	0.2		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.59	V	mg/kg	0.2		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.074	U	mg/kg	0.074		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	54.7	V	mg/kg	0.55		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	60.7	V	mg/kg	0.28		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	96.9	V	mg/kg	3.1		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.24	V	mg/kg	0.17		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	21.6	V	mg/kg	1.7		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.9	V	mg/kg	1.3		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.2	V	mg/kg	0.33		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	57.9	V	mg/kg	0.35		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	0.73	U	mg/kg	0.73		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	0.73	U	mg/kg	0.73		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	0.73	U	mg/kg	0.73		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	0.73	U	mg/kg	0.73		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	0.73	U	mg/kg	0.73		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	1.5	U	mg/kg	1.5		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	1.5	U	mg/kg	1.5		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.032	V	mg/kg	0.15		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.058	V	mg/kg	0.15		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.073	U	mg/kg	0.073		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.073	U	mg/kg	0.073		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.73	U	mg/kg	0.73		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.073	U	mg/kg	0.073		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.073	U	mg/kg	0.073		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.073	U	mg/kg	0.073		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.073	U	mg/kg	0.073		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.73	U	mg/kg	0.73		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.073	U	mg/kg	0.073		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.073	U	mg/kg	0.073		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.73	U	mg/kg	0.73		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.5	U	mg/kg	1.5		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	8.2	V	mg/kg	0.94		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.009	U	mg/kg	0.009		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.019	U	mg/kg	0.019		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7460	SS-0604A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3.2	U	mg/kg	3.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3.2	U	mg/kg	3.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3.2	U	mg/kg	3.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.726075	=	mg/kg			Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.075	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.65	U	mg/kg	0.65		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.085	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3.2	U	mg/kg	3.2		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.098	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.258	V	mg/kg			Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	50.8	V	%	0.1		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.4	V	ph units	0.2		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	37.5	V	mg/kg	5.9		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	104	V	mg/kg	0.23		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.84	V	mg/kg	0.23		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.08	U	mg/kg	0.08		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	54	V	mg/kg	0.61		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	69.9	V	mg/kg	0.31		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	62.3	V	mg/kg	3.5		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.2	V	mg/kg	0.18		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.1	V	mg/kg	1.9		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.4	V	mg/kg	1.4		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.99	V	mg/kg	0.37		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	59.9	V	mg/kg	0.39		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOR-1016	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOR-1221	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOR-1232	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOR-1242	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOR-1248	0.077	UJ	mg/kg	0.077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOR-1254	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOR-1260	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.077	U	mg/kg	0.077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.015	U	mg/kg	0.015		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.077	U	mg/kg	0.077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0077	U	mg/kg	0.0077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.077	U	mg/kg	0.077		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1.9	V	mg/kg	0.94		Yes
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0604	Soil Sample	607978.94	539106.357	7461	SS-0604B	1	1.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.4	U</				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	0.95	U	mg/kg	0.95		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.51272	=	mg/kg			Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.066	J	mg/kg	0.47		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.12	J	mg/kg	0.47		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.052	J	mg/kg	0.47		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.1	J	mg/kg	0.47		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.13	J	mg/kg	0.47		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLORO BUTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLORO CYCLOPENTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.12	J	mg/kg	0.47		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.588	V	mg/kg			Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	70.3	V	%	0.1		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	5.1	V	ph units	0.2		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	21000	V	mg/kg	2.8		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.4	J-	mg/kg	0.9		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	79.5	V	mg/kg	4.1		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	95.4	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.92	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	675	V	mg/kg	1.4		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	63.9	V	mg/kg	0.43		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	10.6	V	mg/kg	0.38		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	138	V	mg/kg	0.23		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	50000	V	mg/kg	0.57		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	129	V	mg/kg	2.7		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5960	V	mg/kg	4.5		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	297	V	mg/kg	0.098		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.52	V	mg/kg	0.12		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	24.3	V	mg/kg	1.3		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	5230	V	mg/kg	53.4		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	3.8	V	mg/kg	0.99		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.69	V	mg/kg	0.28		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1300	V	mg/kg	1.5		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	76.8	V	mg/kg	0.27		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	89.2	V	mg/kg	0.27		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.014	J	mg/kg	0.11		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.042	V	mg/kg	0.11		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7469	SS-0605A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.62397	U	mg/kg			No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.54	U	mg/kg	0.54		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	60.5	V	%	0.1		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	INORGANIC	PH	PH	4.3	V	ph units	0.2		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	28700	V	mg/kg	3.3		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	46.6	V	mg/kg	4.8		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	64	V	mg/kg	0.18		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.99	V	mg/kg	0.18		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.07	U	mg/kg	0.07		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	455	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	53.7	V	mg/kg	0.5		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	10.5	V	mg/kg	0.45		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	61.1	V	mg/kg	0.25		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	35300	V	mg/kg	0.67		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	64	V	mg/kg	2.8		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	6850	V	mg/kg	5.2		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	191	V	mg/kg	0.1		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.28	V	mg/kg	0.14		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	30.2	V	mg/kg	1.5		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	4140	V	mg/kg	62.6		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.3	V	mg/kg	1.2		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.3	U	mg/kg	0.3		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	705	V	mg/kg	1.8		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.2	J-	mg/kg	1.4		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	66	V	mg/kg	0.29		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	95	V	mg/kg	0.31		Yes
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0066	U	mg/kg	0.0066		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0066	U	mg/kg	0.0066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.043	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0605	Soil Sample	608094.484	538792.763	7470	SS-0605B	1.5	2	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.74722	=	mg/kg			Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.26	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.3	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.55	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.19	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.16	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.32	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.7	U	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.54	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.14	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3.5	UJ	mg/kg	3.5		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.27	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.7	UJ	mg/kg	0.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.6	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	3.33	V	mg/kg			Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.25	U	mg/kg	0.25		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.25	U	mg/kg	0.25		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.25	U	mg/kg	0.25		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.25	U	mg/kg	0.25		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	2.2	U	mg/kg	2.2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	121-82-4	RDX	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.74	U	mg/kg	0.74		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	47.2	J	%	0.1		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	INORGANIC	PH	PH	4.6	J	ph units	0.2		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	172	V	mg/kg	6.4		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	64	V	mg/kg	0.24		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.99	V	mg/kg	0.24		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.084	UJ	mg/kg	0.084		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	110	V	mg/kg	0.66		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	245	V	mg/kg	0.33		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	301	V	mg/kg	3.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.6	J	mg/kg	0.18		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	33.3	V	mg/kg	2		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	13.8	J	mg/kg	1.4		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	3.2	V	mg/kg	0.4		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	128	V	mg/kg	0.42		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.019	J	mg/kg	0.17		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.17	UJ	mg/kg	0.17		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.083	UJ	mg/kg	0.083		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.83	UJ	mg/kg	0.83		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	18	V	mg/kg	1		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0</													

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7456	SS-0606A	0	0.5	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.011	UJ	mg/kg	0.011		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	88-74-4	2-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	99-09-2	3-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	100-01-6	4-NITROANILINE	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.73753	=	mg/kg			Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.2	J	mg/kg	0.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.23	J	mg/kg	0.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.46	J	mg/kg	0.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.13	J	mg/kg	0.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5													

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	218-01-9	CHRYSENE	0.23	J	mg/kg	0.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.38	J	mg/kg	0.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	86-73-7	FLUORENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	4.2	UJ	mg/kg	4.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.21	J	mg/kg	0.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	108-95-2	PHENOL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA	129-00-0	PYRENE	0.53	J	mg/kg	0.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	4.27	V	mg/kg			Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	41.5	J	%	0.1		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	INORGANIC	PH	PH	4.4	J	ph units	0.2		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.6	J	mg/kg	1.5		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	155	J	mg/kg	7.6		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	70.2	J	mg/kg	0.29		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.92	J	mg/kg	0.29		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.12	U	mg/kg	0.096		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	88.9	J	mg/kg	0.79		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	203	J	mg/kg	0.35		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	230	J	mg/kg	4		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.7	J	mg/kg	0.22		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	36.2	J	mg/kg	2.4		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	13.6	J	mg/kg	1.8		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.4	J	mg/kg	0.48		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	116	J	mg/kg	0.5		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	2	UJ	mg/kg	2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	2	UJ	mg/kg	2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.2	UJ	mg/kg	0.2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.2	UJ	mg/kg	0.2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.1	UJ	mg/kg	0.1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2	UJ	mg/kg	2		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	3.4	V	mg/kg	0.98		Yes
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	67-64-1	ACETONE	0.029	U	mg/kg	0.024		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	71-43-2	BENZENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-25-2	BROMOFORM	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	100-42-5	STYRENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	108-88-3	TOLUENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.025	UJ	mg/kg	0.025		No
Area 6	Area6_TS	0606	Soil Sample	607744.501	538953.188	7457	SS-0606B	1.5	2	8/31/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.013	UJ	mg/kg	0.013		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3.3	U	mg/kg	3.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3.3	U	mg/kg	3.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3.3	U	mg/kg	3.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.71219	=	mg/kg			Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.098	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.19	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.072	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.3	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.17	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.22	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3.3	U	mg/kg	3.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.2	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.25	V	mg/kg			Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	50.1	V	%	0.1		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	3.9	V	ph units	0.2		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	28.7	V	mg/kg	6.4		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	105	V	mg/kg	0.25		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.59	U	mg/kg	0.25		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.092	U	mg/kg	0.092		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	43.4	V	mg/kg	0.67		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	60	V	mg/kg	0.33		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	210	V	mg/kg	3.8		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.3	V	mg/kg	0.18		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	15.3	V	mg/kg	2		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.8	J-	mg/kg	1.6		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.9	V	mg/kg	0.4		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.8	UJ	mg/kg	1.8		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	48.3	V	mg/kg	0.42		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	1.6	U	mg/kg	1.6		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	1.6	U	mg/kg	1.6		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.1	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.6	U	mg/kg	1.6		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	8.6	V	mg/kg	0.96		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.01	U	mg/kg	0.01</		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.02	U	mg/kg	0.02		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7480	SS-0607A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.54	UJ	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.45276	=	mg/kg			Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.11	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.13	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.14	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.065	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.11	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.18	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.54	U	mg/kg	0.54		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.17	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.905	V	mg/kg			Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	61.7	V	%	0.1		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	3.9	V	ph units	0.2		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	19.8	J-	mg/kg	2.3		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	42.4	V	mg/kg	0.21		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.69	U	mg/kg	0.21		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.07	V	mg/kg	0.063		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	35.2	V	mg/kg	0.57		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	36.3	V	mg/kg	0.28		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	25.9	V	mg/kg	3.2		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.18	V	mg/kg	0.11		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	14.6	V	mg/kg	1.7		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.7	J-	mg/kg	1.1		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1	V	mg/kg	0.34		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	48	V	mg/kg	0.36		Yes
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0607	Soil Sample	607815.461	539338.124	7481	SS-0607B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.6	UJ	mg/kg	2.6		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.41658	=	mg/kg			Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.17	J	mg/kg	1.3		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.33	J	mg/kg	1.3		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.13	J	mg/kg	1.3		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	J	mg/kg	1.3		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.28	J	mg/kg	1.3		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.47	J	mg/kg	1.3		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLORETHANE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	6.4	UJ	mg/kg	6.4		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.33	J	mg/kg	1.3		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.07	V	mg/kg			Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	25.9	J	%	0.1		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	3.2	J	ph units	0.2		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.7	J	mg/kg	2.5		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	78.1	J	mg/kg	6.5		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	18.4	J	mg/kg	0.44		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.44	UJ	mg/kg	0.44		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.18	UJ	mg/kg	0.18		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	26.9	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	44.6	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	68.6	J	mg/kg	6.8		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.5	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	10.6	J	mg/kg	3.7		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	6.3	J	mg/kg	3.1		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	5.4	J	mg/kg	0.73		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	3.6	UJ	mg/kg	3.6		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	36.2	J	mg/kg	0.76		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCCLOR-1016	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCCLOR-1221	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCCLOR-1232	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCCLOR-1242	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCCLOR-1248	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCCLOR-1254	3.1	UJ	mg/kg	3.1		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCCLOR-1260	3.1	UJ	mg/kg	3.1		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.15	UJ	mg/kg	0.15		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.31	UJ	mg/kg	0.31		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	3.1	UJ	mg/kg	3.1		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	32	V	mg/kg	0.96		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLROMETHANE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.039	UJ	mg/kg	0.039		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7478	SS-0608A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.019	UJ	mg/kg	0.019		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.54	UJ	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.62397	U	mg/kg			No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	60.4	V	%	0.1		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	5.1	V	ph units	0.2		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	24.2	V	mg/kg	6		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	50.5	V	mg/kg	0.23		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.2	U	mg/kg	0.23		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.26	V	mg/kg	0.077		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	36.8	V	mg/kg	0.62		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	40	V	mg/kg	0.31		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	39.4	V	mg/kg	3.5		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.16	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	28.4	V	mg/kg	1.9		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.7	J-	mg/kg	1.3		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1	V	mg/kg	0.37		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	270	V	mg/kg	0.39		Yes
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.032	U	mg/kg	0.032		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.9	U	mg/kg	0.9		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.021	U	mg/kg	0.017		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.061	U	mg/kg	0.017		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA								

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0608	Soil Sample	607670.049	539237.305	7479	SS-0608B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.589305	U	mg/kg			No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.11	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.51	U	mg/kg	0.51		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.11	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.1	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.32	V	mg/kg			Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	64.2	V	%	0.1		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	4	V	ph units	0.2		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	11900	V	mg/kg	3		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3	J	mg/kg	0.97		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	33.4	V	mg/kg	4.5		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	70.9	V	mg/kg	0.17		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.34	V	mg/kg	0.17		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.063	U	mg/kg	0.063		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	472	V	mg/kg	1.5		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	36.3	V	mg/kg	0.46		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	5.6	V	mg/kg	0.41		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	51.4	V	mg/kg	0.23		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.92	V	mg/kg	0.68		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	32600	V	mg/kg	0.62		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	50.4	V	mg/kg	2.6		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	3560	V	mg/kg	4.9		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	114	V	mg/kg	0.097		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.17	V	mg/kg	0.14		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	13.5	V	mg/kg	1.4		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	3230	V	mg/kg	58.1		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	V	mg/kg	1.1		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1050	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	52.9	V	mg/kg	0.27		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	43.6	V	mg/kg	0.29		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLOR-1016	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLOR-1221	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLOR-1232	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLOR-1242	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLOR-1248	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLOR-1254	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLOR-1260	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.016	J	mg/kg	0.12		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.062	U	mg/kg	0.062		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.92	U	mg/kg	0.92		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7471	SS-0609A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.635525	U	mg/kg			No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.076	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.076	V	mg/kg			Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	60.5	V	%	0.1		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	3.8	V	ph units	0.2		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	15900	V	mg/kg	3.4		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	43.4	V	mg/kg	5		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIIUM, TOTAL	60.2	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.57	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.073	V	mg/kg	0.067		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	416	V	mg/kg	1.7		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	43.1	V	mg/kg	0.52		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	6.3	V	mg/kg	0.46		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	28.4	V	mg/kg	0.26		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	31300	V	mg/kg	0.7		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	44.2	V	mg/kg	3		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	4320	V	mg/kg	5.5		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	119	V	mg/kg	0.11		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.14	V	mg/kg	0.11		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	16.8	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	3030	V	mg/kg	65.2		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.2	V	mg/kg	1.1		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	717	V	mg/kg	1.8		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	J-	mg/kg	1.3		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	54.4	V	mg/kg	0.3		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	45.2	V	mg/kg	0.33		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0016	J	mg/kg	0.013		Yes
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0065	U	mg/kg	0.0065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.065	U	mg/kg	0.065		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.019	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0609	Soil Sample	607651.224	539561.188	7472	SS-0609B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.83832	=	mg/kg			Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.27	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.33	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.5	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.25	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.19	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.11	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.42	J				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.81	U	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.63	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.24	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.28	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.81	UJ	mg/kg	0.81		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.46	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	3.68	V	mg/kg			Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	40.8	J	%	0.1		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	4.1	J	ph units	0.2		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	5.9	J	mg/kg	1.5		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	130	J	mg/kg	6.7		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	51.2	J	mg/kg	0.26		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.2	U	mg/kg	0.26		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.18	J	mg/kg	0.11		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	114	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	187	J	mg/kg	0.35		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	166	J	mg/kg	4		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.8	J	mg/kg	0.2		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	37.1	J	mg/kg	2.1		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	14.1	J	mg/kg	1.9		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.1	J	mg/kg	0.42		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	135	J	mg/kg	0.44		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.075	J	mg/kg	0.19		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.19	UJ	mg/kg	0.19		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.19	UJ	mg/kg	0.19		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.097	UJ	mg/kg	0.097		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.97	UJ	mg/kg	0.97		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.9	UJ	mg/kg	1.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	28	V	mg/kg	0.94		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.024	UJ	mg/kg	0.024		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7474	SS-0610A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.012	UJ	mg/kg	0.012		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.7	UJ	mg/kg	2.7		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS</										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	1.6177	U	mg/kg			No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.45	J	mg/kg	1.4		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	6.9	UJ	mg/kg	6.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.45	V	mg/kg			Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.25	U	mg/kg	0.25		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	121-82-4	RDX	1	U	mg/kg	1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	23.9	J	%	0.1		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	INORGANIC	PH	PH	4.2	J	ph units	0.2		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	4.3	J	mg/kg	3.1		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	98.9	J	mg/kg	7.5		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	27	J	mg/kg	0.55		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.55	UJ	mg/kg	0.55		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.21	UJ	mg/kg	0.21		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	40.9	J	mg/kg	1.5		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	266	J	mg/kg	0.74		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	61.1	J	mg/kg	8.4		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.92	J	mg/kg	0.38		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	13.9	J	mg/kg	4.6		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	10.2	J	mg/kg	3.5		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.9	UJ	mg/kg	0.9		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	4.1	UJ	mg/kg	4.1		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	44.7	J	mg/kg	0.94		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	0.32	UJ	mg/kg	0.32		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	0.32	UJ	mg/kg	0.32		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.032	UJ	mg/kg	0.032		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.32	UJ	mg/kg	0.32		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	37	V	mg/kg	0.96		Yes
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.055	U	mg/kg	0.042		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.042	UJ	mg/kg	0.042		No
Area 6	Area6_TS	0610	Soil Sample	607470.436	539412.042	7475	SS-0610B	1	1.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.021	UJ	mg/kg	0.021		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.85566	=	mg/kg			Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.23	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.26	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.44	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.26	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.13	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.44	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.36	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	U	mg/kg	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.46	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.27	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5.1	UJ	mg/kg	5.1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.42	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	3.27	V	mg/kg			Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.96	U	mg/kg	0.96		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.67	U	mg/kg	0.67		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	32.3	J	%	0.1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	3.9	J	ph units	0.2		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.2	J	mg/kg	2.2		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	120	J	mg/kg	9.9		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	35.1	J	mg/kg	0.38		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.95	U	mg/kg	0.38		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.14	J	mg/kg	0.14		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	90.2	J	mg/kg	1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	149	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	108	J	mg/kg	5.8		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.9	J	mg/kg	0.27		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	14	J	mg/kg	3.1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	12.4	J	mg/kg	2.4		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	3.6	J	mg/kg	0.62		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.9	UJ	mg/kg	2.9		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	49.5	J	mg/kg	0.65		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	12600	J	mg/kg	5000		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.076	J	mg/kg	0.25		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.14	J	mg/kg	0.25		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	1.2	J	mg/kg	0.25		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.25	UJ	mg/kg	0.25		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.25	UJ	mg/kg	0.25		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	29	V	mg/kg	0.88		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7476	SS-0611A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.6	U</				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3	U	mg/kg	3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.67578	=	mg/kg			Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.15	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.048	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.19	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3	U	mg/kg	3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.12	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.508	V	mg/kg			Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	54.4	V	%	0.1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	4.7	V	ph units	0.2		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	28.7	V	mg/kg	6.1		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	76.4	V	mg/kg	0.23		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.56	U	mg/kg	0.23		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.084	U	mg/kg	0.084		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	49.8	V	mg/kg	0.63		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	64.5	V	mg/kg	0.31		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	69.7	V	mg/kg	3.6		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.2	V	mg/kg	1.9		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	3.2	J-	mg/kg	1.4		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.3	V	mg/kg	0.38		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.7	UJ	mg/kg	1.7		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	67.5	V	mg/kg	0.4		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0096	V	mg/kg	0.014		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0072	U	mg/kg	0.0072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.88	U	mg/kg	0.88		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.12	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.073	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.027	V	mg/kg	0.009		Yes
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA								

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.018	U	mg/kg	0.018		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0611	Soil Sample	607474.326	539823.46	7477	SS-0611B	0.5	1	9/1/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.027	V	mg/kg			Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.619025	=	mg/kg			Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.11	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.067	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.087	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.55	U	mg/kg	0.55		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.087	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.351	V	mg/kg			Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	58.6	V	%	0.1		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	INORGANIC	PH	PH	4.2	V	ph units	0.2		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	20200	V	mg/kg	3.4		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	J-	mg/kg	1.1		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	46.2	V	mg/kg	5		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	88.3	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.58	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.07	U	mg/kg	0.07		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	552	V	mg/kg	1.7		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	52.9	V	mg/kg	0.52		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	7.7	V	mg/kg	0.46		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	54.4	V	mg/kg	0.26		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	45000	V	mg/kg	0.7		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	86.8	V	mg/kg	2.9		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	5240	V	mg/kg	5.5		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	165	V	mg/kg	0.11		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.21	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	21.1	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	5300	V	mg/kg	65.1		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2	V	mg/kg	1.2		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.61	V	mg/kg	0.31		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1180	V	mg/kg	1.8		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	73.9	V	mg/kg	0.3		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	64.4	V	mg/kg	0.33		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.68	U	mg/kg	0.68		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.68	U	mg/kg	0.68		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.68	U	mg/kg	0.68		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.68	U	mg/kg	0.68		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.68	U	mg/kg	0.68		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.046	V	mg/kg	0.14		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.068	U	mg/kg	0.068		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.068	U	mg/kg	0.068		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.68	U	mg/kg	0.68		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.068	U	mg/kg	0.068		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.068	U	mg/kg	0.068		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.068	U	mg/kg	0.068		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.14	U	mg/kg	0.14		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.14	U	mg/kg	0.14		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.068	U	mg/kg	0.068		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.68	U	mg/kg	0.68		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.068	U	mg/kg	0.068		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.068	U	mg/kg	0.068		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.68	U	mg/kg	0.68		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.12	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7467	SS-0612A	0	0.5	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	U	mg/kg	0.009		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	88-74-4	2-NITROANILINE	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	99-09-2	3-NITROANILINE	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	100-01-6	4-NITROANILINE	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.75958	=	mg/kg			Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.17	J	mg/kg	0.67		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.37	J	mg/kg	0.67		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.19	J	mg/kg	0.67		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	218-01-9	CHRYSENE	0.18	J	mg/kg	0.67		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.67	U	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.25	J	mg/kg	0.67		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	86-73-7	FLUORENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	3.4	UJ	mg/kg	3.4		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.13	J	mg/kg	0.67		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	108-95-2	PHENOL	0.67	UJ	mg/kg	0.67		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA	129-00-0	PYRENE	0.27	J	mg/kg	0.67		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.56	V	mg/kg			Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	48.9	J	%	0.1		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	INORGANIC	PH	PH	4.1	J	ph units	0.2		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	27400	J	mg/kg	3.9		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	186	J	mg/kg	5.8		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	124	J	mg/kg	0.22		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.3	J	mg/kg	0.22		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.1	J	mg/kg	0.08		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	586	J	mg/kg	1.9		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	107	J	mg/kg	0.6		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	9	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	244	J	mg/kg	0.3		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.79	UJ	mg/kg	0.79		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	32700	J	mg/kg	0.81		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	248	J	mg/kg	3.4		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	6030	J	mg/kg	6.3		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	155	J	mg/kg	0.13		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	2.4	J	mg/kg	0.19		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	30	J	mg/kg	1.9		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	3910	J	mg/kg	75.6		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	19.9	J	mg/kg	1.4		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.9	J	mg/kg	0.36		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1490	J	mg/kg	2.1		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	74.3	J	mg/kg	0.35		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	78.6	J	mg/kg	0.38		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.16	UJ	mg/kg	0.16		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.082	UJ	mg/kg	0.082		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.82	UJ	mg/kg	0.82		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	3.6	V	mg/kg	0.98		Yes
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	67-64-1	ACETONE	0.082	U	mg/kg	0.02		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	71-43-2	BENZENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-25-2	BROMOFORM	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-00-3	CH						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	100-42-5	STYRENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	108-88-3	TOLUENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.02	UJ	mg/kg	0.02		No
Area 6	Area6_TS	0612	Soil Sample	607260.984	539637.386	7468	SS-0612B	0.5	1	9/1/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.01	UJ	mg/kg	0.01		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.45747	=	mg/kg			Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.13	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.13	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.17	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.56	U	mg/kg	0.56		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.9	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.31	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.092	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.8	U	mg/kg	2.8		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.27	J	mg/kg	0.56		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.602	V	mg/kg			Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.85	U	mg/kg	0.85		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.59	U	mg/kg	0.59		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	59.2	V	%	0.1		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	INORGANIC	PH	PH	4.6	V	ph units	0.2		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2	J-	mg/kg	1.1		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	55.9	V	mg/kg	5.2		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	288	V	mg/kg	0.2		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.76	U	mg/kg	0.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.08	U	mg/kg	0.08		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	62.1	V	mg/kg	0.54		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	133	V	mg/kg	0.27		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	173	V	mg/kg	3.1		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.48	V	mg/kg	0.17		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	19.7	V	mg/kg	1.7		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	3.9	J-	mg/kg	1.3		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2	V	mg/kg	0.33		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.5	UJ	mg/kg	1.5		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	73	V	mg/kg	0.34		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.053	V	mg/kg	0.13		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.12	V	mg/kg	0.13		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.066	U	mg/kg	0.066		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.066	U	mg/kg	0.066		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.66	U	mg/kg	0.66		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	5.3	V	mg/kg	0.94		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.099	J	mg/kg	0.008		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.017	U	mg/kg	0.017		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7482	SS-0613A	0	0.5	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.099	V	mg/kg			Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.53	U	mg/kg			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.44131	=	mg/kg			Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.14	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.13	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.21	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.16	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	2	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.22	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.085	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.071	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.23	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.246	V	mg/kg			Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	62.4	V	%	0.1		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	INORGANIC	PH	PH	3.8	V	ph units	0.2		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	29.3	V	mg/kg	5.5		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	50.6	V	mg/kg	0.21		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.48	U	mg/kg	0.21		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.061	U	mg/kg	0.061		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	42.9	V	mg/kg	0.57		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	43.5	V	mg/kg	0.28		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	37.6	V	mg/kg	3.2		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.23	V	mg/kg	0.13		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	15	V	mg/kg	1.8		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.4	J-	mg/kg	1		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.7	V	mg/kg	0.34		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	49.7	V	mg/kg	0.36		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	21100	J	mg/kg	1430		Yes
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0613	Soil Sample	607289.19	540088.611	7483	SS-0613B	0.5	1	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.43918	=	mg/kg			Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.15	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.13	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.2	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.12	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.099	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.19	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.4	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.52	U	mg/kg	0.52		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.25	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.13	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.12	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.29	J	mg/kg	0.52		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.679	V	mg/kg			Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	63.8	V	%	0.1		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	INORGANIC	PH	PH	3.8	V	ph units	0.2		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.2	J-	mg/kg	1.2		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	22.7	V	mg/kg	5.4		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	46.2	V	mg/kg	0.21		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.34	U	mg/kg	0.21		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.072	U	mg/kg	0.072		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	28.8	V	mg/kg	0.56		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	61.2	V	mg/kg	0.28		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	69.8	V	mg/kg	3.2		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.23	V	mg/kg	0.12		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	9.8	V	mg/kg	1.7		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.4	J-	mg/kg	1.2		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.6	V	mg/kg	0.34		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.1	J-	mg/kg	1.4		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	40.8	V	mg/kg	0.35		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	12674-11-2	AROCWOR-1016	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	11104-28-2	AROCWOR-1221	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	11141-16-5	AROCWOR-1232	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	53469-21-9	AROCWOR-1242	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	12672-29-6	AROCWOR-1248	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	11097-69-1	AROCWOR-1254	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PCBS	11096-82-5	AROCWOR-1260	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.06	V	mg/kg	0.12		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.2	U	mg/kg	1.2		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1.3	V	mg/kg	1		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.076	V	mg/kg	0.008		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7484	SS-0614A	0	0.5	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.076	V	mg/kg			Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.54	U	mg/kg			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.60601	=	mg/kg			Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.092	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.11	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.96	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.12	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.7	U	mg/kg	2.7		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.54	U	mg/kg	0.54		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.13	J	mg/kg	0.54		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.452	V	mg/kg			Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	61.9	V	%	0.1		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	INORGANIC	PH	PH	4.2	V	ph units	0.2		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.7	J-	mg/kg	1.2		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	39.1	V	mg/kg	5.6		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	77.4	V	mg/kg	0.22		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.51	U	mg/kg	0.22		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.09	U	mg/kg	0.09		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	65.8	V	mg/kg	0.58		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	61.4	V	mg/kg	0.29		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	61.2	V	mg/kg	3.3		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.27	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	18.8	V	mg/kg	1.8		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.8	J-	mg/kg	0.96		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.1	V	mg/kg	0.35		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	UJ	mg/kg	1.4		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	58.8	V	mg/kg	0.37		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.64	U	mg/kg	0.64		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.017	V	mg/kg	0.008		Yes
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0614	Soil Sample	607021.169	539909.636	7485	SS-0614B	0.5	1	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.017	V	mg/kg			Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	2	UJ	mg/kg	2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	5	UJ	mg/kg	5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.82898	=	mg/kg			Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.25	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.24	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.42	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.16	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1	U	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.38	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	U	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.42	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.2	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	5	UJ	mg/kg	5		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.27	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	108-95-2	PHENOL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.48	J	mg/kg	1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.82	V	mg/kg			Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	32.3	J	%	0.1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	INORGANIC	PH	PH	4	J	ph units	0.2		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.3	UJ	mg/kg	2.3		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	86.4	J	mg/kg	10.7		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	1480	J	mg/kg	0.41		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	1.2	U	mg/kg	0.41		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.15	UJ	mg/kg	0.15		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	106	J	mg/kg	1.1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	180	J	mg/kg	0.55		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	185	J	mg/kg	6.3		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.74	J	mg/kg	0.24		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	35.5	J	mg/kg	3.4		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	6.5	J	mg/kg	2.6		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	3.6	J	mg/kg	0.67		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	3	UJ	mg/kg	3		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	125	J	mg/kg	0.7		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.24	J	mg/kg	0.24		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.12	UJ	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	2.4	UJ	mg/kg	2.4		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.073	U	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.016	UJ	mg/kg	0.016		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.031	UJ	mg/kg	0.031		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7488	SS-0615A	0	0.5	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.016	UJ	mg/kg	0.016		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.5	U	mg/kg	2.5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.5	U	mg/kg	2.5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.5	U	mg/kg	2.5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.43136	=	mg/kg			Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.13	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.12	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.17	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.071	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.51	U	mg/kg	0.		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.15	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.73	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.18	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.5	U	mg/kg	2.5		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.071	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.16	J	mg/kg	0.51		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.052	V	mg/kg			Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	65	V	%	0.1		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	INORGANIC	PH	PH	4.1	V	ph units	0.2		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	31.1	V	mg/kg	4.8		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	60.3	V	mg/kg	0.18		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.56	U	mg/kg	0.18		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.6	V	mg/kg	0.063		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	44.6	V	mg/kg	0.5		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	51.6	V	mg/kg	0.25		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	49.7	V	mg/kg	2.8		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.25	V	mg/kg	0.11		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	22.9	V	mg/kg	1.5		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.8	J-	mg/kg	0.86		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.1	V	mg/kg	0.3		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.7	J-	mg/kg	1.3		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	62.9	V	mg/kg	0.31		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	12674-11-2	AROCLOR-1016	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	11104-28-2	AROCLOR-1221	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	11141-16-5	AROCLOR-1232	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	53469-21-9	AROCLOR-1242	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	12672-29-6	AROCLOR-1248	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	11097-69-1	AROCLOR-1254	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PCBS	11096-82-5	AROCLOR-1260	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.12	U	mg/kg	0.12		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.61	U	mg/kg	0.61		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.007	J	mg/kg	0.008		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	V	mg/kg	0.008		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.066	V	mg/kg	0.008		Yes
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0615	Soil Sample	607141.041	540259.818	7489	SS-0615B	0.5	1	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.081	V	mg/kg			Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	95-							

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.3	U	mg/kg	2.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	0.93	U	mg/kg	0.93		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.3	U	mg/kg	2.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.3	U	mg/kg	2.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.051	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.42632	=	mg/kg			Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.16	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.14	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.13	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.22	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.84	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.29	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	118-74-1	HEXACHLORO BENZENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.15	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.3	U	mg/kg	2.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.46	U	mg/kg	0.46		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.31	J	mg/kg	0.46		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.951	V	mg/kg			Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.86	U	mg/kg	0.86		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.6	U	mg/kg	0.6		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	71.4	V	%	0.1		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	INORGANIC	PH	PH	4.8	V	ph units	0.2		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	J-	mg/kg	1		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	44.3	V	mg/kg	4.7		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	133	V	mg/kg	0.18		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.52	U	mg/kg	0.18		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.1	V	mg/kg	0.075		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	48.5	V	mg/kg	0.49		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	131	V	mg/kg	0.24		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	164	V	mg/kg	2.8		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.43	V	mg/kg	0.13		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	18.2	V	mg/kg	1.5		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	3.3	J-	mg/kg	1.1		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.1	V	mg/kg	0.3		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	61.4	V	mg/kg	0.31		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.08	V	mg/kg	0.11		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.055	U	mg/kg	0.055		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.055	U	mg/kg	0.055		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.055	U	mg/kg	0.055		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.055	U	mg/kg	0.055		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.055	U	mg/kg	0.055		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.055	U	mg/kg	0.055		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.055	U	mg/kg	0.055		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.055	U	mg/kg	0.055		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.55	U	mg/kg	0.55		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	4	V	mg/kg	0.94		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.1	J	mg/kg	0.007		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7486	SS-0616A	0	0.5	9/2/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.1	V	mg/kg			Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.085	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.5566	=	mg/kg			Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.22	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.21	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.37	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.17	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.13	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.53	U	mg/kg	0.53		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	218-01-9	CHRYSENE	0.3	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.59	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.35	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	86-73-7	FLUORENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	77-47-4	HEXACHLOROCCYCLOPENTADIENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.21	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.16	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	108-95-2	PHENOL	0.53	U	mg/kg	0.53		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA	129-00-0	PYRENE	0.31	J	mg/kg	0.53		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.515	V	mg/kg			Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	62.2	V	%	0.1		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	INORGANIC	PH	PH	3.9	V	ph units	0.2		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	96.2	V	mg/kg	4.9		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	81.9	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.7	U	mg/kg	0.19		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.08	U	mg/kg	0.08		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	78.1	V	mg/kg	0.51		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	82.5	V	mg/kg	0.25		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	126	V	mg/kg	2.9		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	1.1	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	19.8	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	5.8	J-	mg/kg	1.3		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.5	V	mg/kg	0.31		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.6	UJ	mg/kg	1.6		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	71.5	V	mg/kg	0.32		Yes
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.13	U	mg/kg	0.13		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.064	U	mg/kg	0.064		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	540-59-0	TOTAL 1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	0616	Soil Sample	606937.472	540059.151	7487	SS-0616B	0.5	1	9/2/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.71	U	mg/kg	0.71		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	1.8					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.40638	=	mg/kg			Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.084	J	mg/kg	0.36		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.19	J	mg/kg	0.36		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.58	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.068	J	mg/kg	0.36		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	108-95-2	PHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA	129-00-0	PYRENE	0.053	J	mg/kg	0.36		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.395	V	mg/kg			Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.92	U	mg/kg	0.92		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.64	U	mg/kg	0.64		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	93.3	V	%	0.1		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	INORGANIC	PH	PH	8.3	V	ph units	0.2		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	3740	V	mg/kg	2.4		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.76	UJ	mg/kg	0.76		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	9.7	J-	mg/kg	1.6		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	22.5	V	mg/kg	0.13		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.32	U	mg/kg	0.13		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.16	V	mg/kg	0.045		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	13900	V	mg/kg	1.1		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	12.3	V	mg/kg	0.36		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4.3	V	mg/kg	0.32		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	20.2	V	mg/kg	0.18		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	14700	V	mg/kg	0.48		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	17.5	V	mg/kg	2		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1920	J+	mg/kg	3.8		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	110	J+	mg/kg	0.076		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	9	V	mg/kg	1.1		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	824	V	mg/kg	45.3		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.77	U	mg/kg	0.77		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.43	V	mg/kg	0.22		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	365	V	mg/kg	1.3		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.6	J-	mg/kg	0.91		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	19.4	V	mg/kg	0.21		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	121	V	mg/kg	0.23		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.42	U	mg/kg	0.42		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.42	U	mg/kg	0.42		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.021	U	mg/kg	0.021		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.021	U	mg/kg	0.021		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.021	U	mg/kg	0.021		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.021	U	mg/kg	0.021		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.021	U	mg/kg	0.021		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.042	U	mg/kg	0.042		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.021	U	mg/kg	0.021		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.021	U	mg/kg	0.021		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.021	U	mg/kg	0.021		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.42	U	mg/kg	0.42		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No

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APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	67-64-1	ACETONE	0.017	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	71-43-2	BENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	108-90-7	CHLORO BENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	100-42-5	STYRENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7491	SS-0617A	0	0.5	9/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.75	U	mg/kg	0.75		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.401593	=	mg/kg			Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.044	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.068	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.37	U	mg/kg	0.37		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.043	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.082	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.069	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	108-95-2	PHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA	129-00-0	PYRENE	0.06	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.366	V	mg/kg			Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	88.8	V	%	0.1		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	INORGANIC	PH	PH	8.1	V	ph units	0.2		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	3360	V	mg/kg	2.3		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.74	UJ	mg/kg	0.74		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	13.4	J-	mg/kg	2		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	17.8	V	mg/kg	0.13		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.39	U	mg/kg	0.13		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.18	V	mg/kg	0.055		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	102000	V	mg/kg	5.6		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	11.6	V	mg/kg	0.35		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4.2	V	mg/kg	0.32		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	22.9	V	mg/kg	0.18		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.5	U	mg/kg	0.5		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	17900	V	mg/kg	0.47		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	29.9	U	mg/kg	6.3		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1980	J+	mg/kg	3.7		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	213	J+	mg/kg	0.074		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	V	mg/kg	0.094		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	6.9	V	mg/kg	1.1		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	623	V	mg/kg	44.4		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.41	V	mg/kg	0.21		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	1030	V	mg/kg	1.2		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	22.8	V	mg/kg	0.2		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	34.1	V	mg/kg	0.22		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.44	U	mg/kg	0.44		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PCBS	11096-82-5	AROCLOLR-1260	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.022	U	mg/kg	0.022		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.022	U	mg/kg	0.022		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.022	U	mg/kg	0.022		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.022	U	mg/kg	0.022		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.022	U	mg/kg	0.022		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.022	U	mg/kg	0.022		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.022	U	mg/kg	0.022		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.022	U	mg/kg	0.022		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.027	V	mg/kg	0.011		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	67-64-1	ACETONE	0.13	V	mg/kg	0.011		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.008	V	mg/kg	0.006		Yes
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0617	Soil Sample	607075.05	540734.066	7492	SS-0617B	1.2	1.7	9/6/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.165	V	mg/kg			Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.78	U	mg/kg	0.78		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.313135	=	mg/kg			Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.066	J	mg/kg	0.39		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.076	J	mg/kg	0.39		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.14	J	mg/kg	0.39		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.44	V	mg/kg	0.39		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.085	J	mg/kg	0.39		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.11	J	mg/kg	0.39		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCCYCLOPENTADIENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.057	J	mg/kg	0.39		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	108-95-2	PHENOL	0.39	U	mg/kg	0.39		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA	129-00-0	PYRENE	0.12	J	mg/kg	0.39		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.094	V	mg/kg			Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	83.3	V	%	0.1		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	INORGANIC	PH	PH	6.8	V	ph units	0.2		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2	U	mg/kg	0.78		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	4.2	V	mg/kg	1.8		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	23.3	V	mg/kg	0.14		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.51	V	mg/kg	0.14		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.29	V	mg/kg	0.059		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	18.5	V	mg/kg	0.37		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	22.6	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	25.4	V	mg/kg	2.1		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	12.4	V	mg/kg	1.1		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.83	U	mg/kg	0.83		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	56.3	V	mg/kg	0.23		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	12674-11-2	AROCOR-1016	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	11104-28-2	AROCOR-1221	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	11141-16-5	AROCOR-1232	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	53469-21-9	AROCOR-1242	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	12672-29-6	AROCOR-1248	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	11097-69-1	AROCOR-1254	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PCBS	11096-82-5	AROCOR-1260	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.023	U	mg/kg	0.023		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.023	U	mg/kg	0.023		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.023	U	mg/kg	0.023		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.023	U	mg/kg	0.023		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.023	U	mg/kg	0.023		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.023	U	mg/kg	0.023		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.023	U	mg/kg	0.023		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.023	U	mg/kg	0.023		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	67-64-1	ACETONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7494	SS-0618A	0	0.5	9/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.72	U	mg/kg	0.72		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.41598	U	mg/kg			No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.18	J	mg/kg	0.36		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.36	U	mg/kg	0.36		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	108-95-2	PHENOL	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA	129-00-0	PYRENE	0.36	U	mg/kg	0.36		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.18	V	mg/kg			Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	91.4	V	%	0.1		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	INORGANIC	PH	PH	7.1	V	ph units	0.2		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.8	U	mg/kg	0.69		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	8.4	V	mg/kg	0.8		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	25.2	V	mg/kg	0.12		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.4	V	mg/kg	0.12		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.1	V	mg/kg	0.044		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	13.4	V	mg/kg	0.33		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	17.5	V	mg/kg	0.16		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	10.4	V	mg/kg	4.3		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	8.7	V	mg/kg	1		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.76	U	mg/kg	0.76		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.2	V	mg/kg	0.2		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.89	U	mg/kg	0.89		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	31	V	mg/kg	0.21		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	12674-11-2	AROCLOL-1016	0.043	U	mg/kg	0.043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	11104-28-2	AROCLOL-1221	0.043	U	mg/kg	0.043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	11141-16-5	AROCLOL-1232	0.043	U	mg/kg	0.043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	53469-21-9	AROCLOL-1242	0.043	U	mg/kg	0.043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	12672-29-6	AROCLOL-1248	0.043	U	mg/kg	0.043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	11097-69-1	AROCLOL-1254	0.087	U	mg/kg	0.087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PCBS	11096-82-5	AROCLOL-1260	0.087	U	mg/kg	0.087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0022	V	mg/kg	0.0087		Yes
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.043	U	mg/kg	0.043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0087	U	mg/kg	0.0087		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0087	U	mg/kg	0.0087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.043	U	mg/kg	0.043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0043	U	mg/kg	0.0043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.043	U	mg/kg	0.043		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.087	U	mg/kg	0.087		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	67-64-1	ACETONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	71-43-2	BENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	100-42-5	STYRENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0618	Soil Sample	606852.138	540556.58	7495	SS-0618B	1.5	2	9/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	91-94-1	3,3'-DICHL						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.404425	U	mg/kg			No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.41	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	1.7	U	mg/kg	1.7		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	108-95-2	PHENOL	0.35	U	mg/kg	0.35		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA	129-00-0	PYRENE	0.036	J	mg/kg	0.35		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.036	V	mg/kg			Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	94.5	V	%	0.1		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	INORGANIC	PH	PH	7.4	V	ph units	0.2		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	3960	V	mg/kg	2.5		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	9	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	27.6	V	mg/kg	0.19		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.39	J	mg/kg	0.14		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.19	U	mg/kg	0.19		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	2250	J	mg/kg	1.1		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	13.3	J	mg/kg	0.59		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4.9	V	mg/kg	0.26		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	15.8	V	mg/kg	0.22		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.47	U	mg/kg	0.47		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	20200	V	mg/kg	0.44		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	20	V	mg/kg	2.5		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	1670	J+	mg/kg	3.5		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	117	J	mg/kg	0.19		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	9.8	V	mg/kg	1.2		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	994	J+	mg/kg	76.2		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.29	J+	mg/kg	0.18		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	83.87	V	mg/kg	1.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.16	U	mg/kg	0.16		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	21.4	V	mg/kg	0.27		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	37.2	V	mg/kg	0.26		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	12674-11-2	AROCOLOR-1016	0.041	U	mg/kg	0.041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	11104-28-2	AROCOLOR-1221	0.041	U	mg/kg	0.041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	11141-16-5	AROCOLOR-1232	0.041	U	mg/kg	0.041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	53469-21-9	AROCOLOR-1242	0.041	U	mg/kg	0.041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	12672-29-6	AROCOLOR-1248	0.041	U	mg/kg	0.041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	11097-69-1	AROCOLOR-1254	0.083	U	mg/kg	0.083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PCBS	11096-82-5	AROCOLOR-1260	0.083	U	mg/kg	0.083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0031	V	mg/kg	0.0083		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.041	U	mg/kg	0.041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0083	U	mg/kg	0.0083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.041	U	mg/kg	0.041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0041	U	mg/kg	0.0041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.041	U	mg/kg	0.041		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.083	U	mg/kg	0.083		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	67-64-1	ACETONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	71-43-2	BENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614</															

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	100-42-5	STYRENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7614	SS-0621A	0	0.5	10/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.005	U	mg/kg	0.005		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	88-74-4	2-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.74	U	mg/kg	0.74		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	99-09-2	3-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	100-01-6	4-NITROANILINE	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.038	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.38817	=	mg/kg			Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.15	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.16	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.19	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.061	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.074	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	218-01-9	CHRYSENE	0.23	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.37	U	mg/kg	0.37		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.31	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	86-73-7	FLUORENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	118-74-1	HEXACHLORO BENZENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.082	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.13	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	108-95-2	PHENOL	0.37	U	mg/kg	0.37		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA	129-00-0	PYRENE	0.36	J	mg/kg	0.37		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.785	V	mg/kg			Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	89.6	V	%	0.1		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	INORGANIC	PH	PH	7	V	ph units	0.2		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7429-90-5	ALUMINUM, TOTAL	7120	V	mg/kg	2.8		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.1	UJ	mg/kg	1.1		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	1.9	V	mg/kg	0.76		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	26.4	V	mg/kg	0.22		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.29	J	mg/kg	0.15		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.18	U	mg/kg	0.18		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-70-2	CALCIUM, TOTAL	284	J	mg/kg	1.2		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	10.3	J	mg/kg	0.66		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-48-4	COBALT, TOTAL	3.3	V	mg/kg	0.29		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	8.1	V	mg/kg	0.25		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	57-12-5	CYANIDE, TOTAL	0.5	U	mg/kg	0.5		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-89-6	IRON, TOTAL	9380	V	mg/kg	0.49		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	10.4	V	mg/kg	0.64		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-95-4	MAGNESIUM, TOTAL	481	J+	mg/kg	3.9		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-96-5	MANGANESE, TOTAL	95.6	J	mg/kg	0.21		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.08	U	mg/kg	0.08		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	5.2	V	mg/kg	1.3		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-09-7	POTASSIUM, TOTAL	470	J+	mg/kg	84.8		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.17	U	mg/kg	0.17		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.32	U	mg/kg	0.32		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-23-5	SODIUM, TOTAL	373	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	0.15	U	mg/kg	0.15		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-62-2	VANADIUM, TOTAL	15.9	V	mg/kg	0.3		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	15.8	V	mg/kg	0.29		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	0.088	U	mg/kg	0.088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	0.088	U	mg/kg	0.088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.012	V	mg/kg	0.0088		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0026	V	mg/kg	0.0088		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0022	V	mg/kg	0.0088		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0011	V	mg/kg	0.0044		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0044	U	mg/kg	0.0044		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0088	U	mg/kg	0.0088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0044	U	mg/kg	0.0044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0011	V	mg/kg	0.0044		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.044	U	mg/kg	0.044		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.088	U	mg/kg	0.088		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	67-64-1	ACETONE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.011	U	mg/kg	0.011		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7615	SS-0621B	5	5.5	10/6/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2												

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.15	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	0.81	U	mg/kg	0.81		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.17	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.281166	=	mg/kg			Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.053	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	50-32-8	BENZO(A)PYRENE	0.047	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.068	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	218-01-9	CHRYSENE	0.066	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.072	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.14	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	86-73-7	FLUORENE	0.12	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.66	V	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.24	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	108-95-2	PHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA	129-00-0	PYRENE	0.16	J	mg/kg	0.4		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.946	V	mg/kg			Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	1.8	U	mg/kg	1.8		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.21	U	mg/kg	0.21		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	55-63-0	NITROGLYCERIN	1.6	U	mg/kg	1.6		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	78-11-5	PETN	1.6	U	mg/kg	1.6		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.87	U	mg/kg	0.87		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.6	U	mg/kg	0.6		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	81.7	V	%	0.1		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	INORGANIC	PH	PH	5.4	V	ph units	0.2		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	7590	V	mg/kg	3.2		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	UJ	mg/kg	1.3		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	4.3	V	mg/kg	0.87		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	24.1	V	mg/kg	0.25		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.37	J	mg/kg	0.18		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	364	J	mg/kg	1.5		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	13.2	J	mg/kg	0.78		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4.6	V	mg/kg	0.34		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	9.9	V	mg/kg	0.29		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	57-12-5	CYANIDE, TOTAL	0.56	U	mg/kg	0.56		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	8280	V	mg/kg	0.57		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	10	V	mg/kg	0.69		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	820	J+	mg/kg	4.6		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	40.8	J	mg/kg	0.24		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	7.8	V	mg/kg	1.6		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	974	J+	mg/kg	99.5		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.38	U	mg/kg	0.38		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	265	V	mg/kg	1.9		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.17	U	mg/kg	0.17		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	19.6	V	mg/kg	0.35		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	22.5	V	mg/kg	0.34		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.049	U	mg/kg	0.049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.049	U	mg/kg	0.049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.049	U	mg/kg	0.049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.049	U	mg/kg	0.049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.049	U	mg/kg	0.049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.098	U	mg/kg	0.098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.098	U	mg/kg	0.098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.002	V	mg/kg	0.0098		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0016	V	mg/kg	0.0049		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.049	U	mg/kg	0.049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0098	U	mg/kg	0.0098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.049	U	mg/kg	0.049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0049	U	mg/kg	0.0049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0012	V	mg/kg	0.0049		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.049	U	mg/kg	0.049		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.098	U	mg/kg	0.098		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U				

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	67-64-1	ACETONE	0.13	V	mg/kg	0.012		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.028	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	108-90-7	CHLOROENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.009	V	mg/kg	0.006		Yes
Area 6	Area6_TS	0621	Soil Sample	606583.42	540348.242	7616	SS-0621Z	1.5	2	10/6/1994	SS	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.139	V	mg/kg			Yes
Area 6	Area6_TS	0622	Soil Sample	608084.532	538464.238	13449	SS0622	0	0	7/22/2005	SS	N	INORGANIC	% SOLIDS	% SOLIDS	34.3	J	%			Yes
Area 6	Area6_TS	0622	Soil Sample	608084.532	538464.238	13449	SS0622	0	0	7/22/2005	SS	N	INORGANIC		Moisture	0	V	%			Yes
Area 6	Area6_TS	0622	Soil Sample	608084.532	538464.238	13449	SS0622	0	0	7/22/2005	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	111	J	mg/kg	1.5		Yes
Area 6	Area6_TS	0622	Soil Sample	608084.532	538464.238	13449	SS0622	0	0	7/22/2005	SS	N	METALS	7439-92-1	LEAD, TOTAL	148	J	mg/kg	0.44		Yes
Area 6	Area6_TS	0623	Soil Sample	607753.284	538944.559	13452	SS0623	0	0	7/22/2005	SS	N	INORGANIC	% SOLIDS	% SOLIDS	44.2	J	%			Yes
Area 6	Area6_TS	0623	Soil Sample	607753.284	538944.559	13452	SS0623	0	0	7/22/2005	SS	N	INORGANIC		Moisture	0	V	%			Yes
Area 6	Area6_TS	0623	Soil Sample	607753.284	538944.559	13452	SS0623	0	0	7/22/2005	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	140	J	mg/kg	1.1		Yes
Area 6	Area6_TS	0623	Soil Sample	607753.284	538944.559	13452	SS0623	0	0	7/22/2005	SS	N	METALS	7439-92-1	LEAD, TOTAL	276	J	mg/kg	0.34		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00016	J	mg/kg	0.00002		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00009	U	mg/kg	0.00009		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00005	U	mg/kg	0.00005		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00008	U	mg/kg	0.00008		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0011	V	mg/kg	0.00003		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00007	U	mg/kg	0.00007		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00009	U	mg/kg	0.00009		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.0009	U	mg/kg	0.0009		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.0001	U	mg/kg	0.0001		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	39.9	J	%	0.1		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	6.6	J	ph units	0.2		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	1790	J	mg/kg	5.5		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.3	J	mg/kg	1.8		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	18	J	mg/kg	1.9		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	167	J	mg/kg	0.31		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.43	J	mg/kg	0.31		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.1	J	mg/kg	0.1		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	12500	J	mg/kg	2.7		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	164	J	mg/kg	0.84		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	0.75	UJ	mg/kg	0.75		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	19.8	J	mg/kg	0.42		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	15800	J	mg/kg	1.1		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	65.3	J	mg/kg	4.8		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	264	J	mg/kg	8.9		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	13.6	J	mg/kg	0.18		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.25	J	mg/kg	0.2		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	2.7	J	mg/kg	2.6		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	507	J	mg/kg	106		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2	J	mg/kg	0.36		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.2	U	mg/kg	0.51		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	300	J	mg/kg	3		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	10.6	J	mg/kg	0.49		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	17	J	mg/kg	0.53		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	45200	J	mg/kg	1820		Yes
Area 6	Area6_TS	06A01	Soil Sample	607976.881	540249.744	6937	SS-06A01A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	5.6	V	mg/kg	1		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	34.5	J	%	0.1		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	6.6	J	ph units	0.2		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	41.5	J	mg/kg	9.4		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	28.3	J	mg/kg	0.36		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.36	UJ	mg/kg	0.36		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.71	J	mg/kg	0.12		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	217	J	mg/kg	0.97		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	47	J	mg/kg	0.49		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	46.7	J	mg/kg	5.5		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.24	UJ	mg/kg	0.24		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	8.9	J	mg/kg	3		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.78	J	mg/kg	0.42		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.98	U	mg/kg	0.59		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	123	J	mg/kg	0.62		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6626	SS-06A02A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	3.3	V	mg/kg	0.96		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	76.2	V	%	0.1		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	INORGANIC	PH	PH	7.4	V	ph units	0.2		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.92	UJ	mg/kg	0.92		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	25.2	V	mg/kg	4.2		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	40.1	J	mg/kg	0.16		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.81	V	mg/kg	0.16		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.071	J-	mg/kg	0.055		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	25.9	J	mg/kg	0.44		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	8.5	J	mg/kg	0.22		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	10.4	U	mg/kg	1.9		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.09	U	mg/kg	0.09		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	18.4	J	mg/kg	1.3		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.93	U	mg/kg	0.93		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	V	mg/kg	1.1		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	54.3	J	mg/kg	0.28		Yes
Area 6	Area6_TS	06A02	Soil Sample	607901.021	540251.21	6627	SS-06A02B	0.5	1	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1.2	V	mg/kg	0.96		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00004	U	mg/kg	0.00004		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0001	J	mg/kg	0.00002		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)</						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	71.6	V	%	0.1		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	INORGANIC	PH	PH	7.7	V	ph units	0.2		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	mg/kg	1		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	8.3	J	mg/kg	2.1		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	23	J	mg/kg	0.18		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.76	V	mg/kg	0.18		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	1.6	J-	mg/kg	0.057		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	166	J	mg/kg	0.49		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	36.5	J	mg/kg	0.24		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	30.8	U	mg/kg	3.9		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	27.7	J	mg/kg	1.5		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.97	U	mg/kg	0.97		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	71.7	J	mg/kg	0.31		Yes
Area 6	Area6_TS	06A03	Soil Sample	608059.793	540303.85	6936	SS-06A03A	0.3	2	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	68.2	V	%	0.1		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	6.6	V	ph units	0.2		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.9	U	mg/kg	1		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	8.5	J	mg/kg	1.3		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	36.3	J	mg/kg	0.18		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.37	V	mg/kg	0.18		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	15.4	V	mg/kg	0.43		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	62	J	mg/kg	0.49		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	80.5	J	mg/kg	0.25		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	86.3	V	mg/kg	2.8		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	13.5	J	mg/kg	1.5		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.55	V	mg/kg	0.24		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1	U	mg/kg	0.3		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.4	U	mg/kg	1.4		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	116	J	mg/kg	0.31		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6621	SS-06A04A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0001	J	mg/kg	0.00002		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	83.8	V	%	0.1		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	INORGANIC	PH	PH	7.9	V	ph units	0.2		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.2	U	mg/kg	0.87		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	5.5	J	mg/kg	0.83		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	10.3	J	mg/kg	0.16		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.39	V	mg/kg	0.15		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	9.9	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	5.5	J	mg/kg	0.21		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	6	U	mg/kg	0.95		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.083	U	mg/kg	0.083		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	7.3	J	mg/kg	1.3		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.19	U	mg/kg	0.19		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.69	U	mg/kg	0.25		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	22.8	J	mg/kg	0.26		Yes
Area 6	Area6_TS	06A04	Soil Sample	607875.5	540290.677	6934	SS-06A04B	0.5	1	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.92	U	mg/kg	0.92		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	67	V	%	0.1		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	7.8	V	ph units	0.2		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1	UJ	mg/kg	1		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	14.7	J	mg/kg	2.2		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	49.6	J	mg/kg	0.18		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.55	V	mg/kg	0.18		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	16.2	V	mg/kg	0.43		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	103	J	mg/kg	0.49		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	55.2	J	mg/kg	0.25		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	80.4	V	mg/kg	2.8		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.13	U	mg/kg	0.13		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	15	J	mg/kg	1.5		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.58	V	mg/kg	0.21		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.77	U	mg/kg	0.3		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	195	J	mg/kg	0.31		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6622	SS-06A05A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	82.9	V	%	0.1		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	INORGANIC	PH	PH	7.8	V	ph units	0.2		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.71	UJ	mg/kg	0.71		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	5.5	J	mg/kg	0.97		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	9.9	J	mg/kg	0.13		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.39	V	mg/kg	0.13		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.065	J-	mg/kg	0.054		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	12.1	J	mg/kg	0.34		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	7.2	J	mg/kg	0.17		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	5.9	U	mg/kg	0.92		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	10	J	mg/kg	1		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.18	U	mg/kg	0.18		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	25.7	J	mg/kg	0.21		Yes
Area 6	Area6_TS	06A05	Soil Sample	607855.06	540336.663	6623	SS-06A05B	0.5	1	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	2691-41-0	HMX	2	U	mg/kg	2		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	121-82-4	RDX	0.97	U	mg/kg	0.97		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	EXPLOSIVES	479-45-8	TETRYL	0.67	U	mg/kg	0.67		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	35.9	J	%	0.1		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	7.6	J	ph units	0.2		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	UJ	mg/kg	2.1		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	24.2	J	mg/kg	4.4		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	110	J	mg/kg	0.37		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.58	J	mg/kg	0.37		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	2.8	J	mg/kg	0.12		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	68.7	J	mg/kg	1		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	102	J	mg/kg	0.5		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	119	J	mg/kg	5.7		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.27	J	mg/kg	0.21		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	20	J	mg/kg	3.1		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	2.1	UJ	mg/kg	2.1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	2.6	U	mg/kg	0.6		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	2.5	UJ	mg/kg	2.5		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	315	J	mg/kg	0.63		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6624	SS-06A06A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	35	V	mg/kg	0.98		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	86.3	V	%	0.1		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	INORGANIC	PH	PH	7.5	V	ph units	0.2		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.88	UJ	mg/kg	0.88		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	5.7	J	mg/kg	0.88		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	10.9	J	mg/kg	0.15		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.41	V	mg/kg	0.15		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.049	J-	mg/kg	0.049		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	10.6	J	mg/kg	0.42		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	5.7	J	mg/kg	0.21		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	28.7	V	mg/kg	1.7		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	7	J	mg/kg	1.3		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.29	V	mg/kg	0.17		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.25	U	mg/kg	0.25		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.97	U	mg/kg	0.97		No
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	26.8	J	mg/kg	0.26		Yes
Area 6	Area6_TS	06A06	Soil Sample	607819.952	540378.857	6625	SS-06A06B	0.5	1	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	2.1	V	mg/kg	0.94		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	93.4	V	%	0.1		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	5	V	ph units	0.2		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.84	UJ	mg/kg	0.84		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	6.3	J	mg/kg	0.85		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	67.4	J	mg/kg	0.15		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.73	V	mg/kg	0.15		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	3.6	V	mg/kg	0.35		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	36.8	J	mg/kg	0.4		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	94.2	J	mg/kg	0.2		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	219	V	mg/kg	2.3		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.079	U	mg/kg	0.079		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	13.6	J	mg/kg	1.2		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.81	U	mg/kg	0.81		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.82	U	mg/kg	0.24		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.99	V	mg/kg	0.95		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	120	J	mg/kg	0.25		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6619	SS-06A07A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	82.2	V	%	0.1		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	INORGANIC	PH	PH	5.1	V	ph units	0.2		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.5	U	mg/kg	0.7		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	7.2	J	mg/kg	0.99		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	9.3	J	mg/kg	0.12		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.27	V	mg/kg	0.12		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.93	J-	mg/kg	0.055		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	9.1	J	mg/kg	0.33		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	6.2	J	mg/kg	0.17		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	6.8	U	mg/kg	3.7		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	7.6	J	mg/kg	1		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.19	U	mg/kg	0.19		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	26.1	J	mg/kg	0.21		Yes
Area 6	Area6_TS	06A07	Soil Sample	608102.749	540467.981	6620	SS-06A07B	1.8	2.3	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	93.3	V	%	0.1		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	INORGANIC	PH	PH	6.2	V	ph units	0.2		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	7660	V	mg/kg	2.4		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.78	UJ	mg/kg	0.78		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	4.9	V	mg/kg	0.74		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	63.1	V	mg/kg	0.14		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.67	J	mg/kg	0.14		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.97	V	mg/kg	0.041		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	548	V	mg/kg	1.2		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	17.5	J	mg/kg	0.37		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	6.8	J	mg/kg	0.33		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	50.7	J-	mg/kg	0.19		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	21300	J	mg/kg	0.5		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	33.9	V	mg/kg	2.1		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	2820	V	mg/kg	3.9		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	221	J	mg/kg	0.078		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.089	U	mg/kg	0.089		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	14.3	V	mg/kg	1.1		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	1140	V	mg/kg	46.5		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.19	V	mg/kg	0.14		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.66	U	mg/kg	0.22		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	65.3	U	mg/kg	1.3		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.82	U	mg/kg	0.82		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	25.7	J-	mg/kg	0.21		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	82.5	J	mg/kg	0.23		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	ORGANIC	7440-44-0	TOTAL ORGANIC CARBON	1820	J	mg/kg	526		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6935	SS-06A08A	0	0.5	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00004	J	mg/kg	0.00001		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0044	V	mg/kg	0.00001		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00005	U	mg/kg	0.00005		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	89.4	V	%	0.1		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	INORGANIC	PH	PH	5.2	V	ph units	0.2		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7429-90-5	ALUMINUM, TOTAL	11400	V	mg/kg	2.7		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.87	UJ	mg/kg	0.87		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	10.8	V	mg/kg	1.6		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	20	V	mg/kg	0.15		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.96	J	mg/kg	0.15		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.045	U	mg/kg	0.045		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-70-2	CALCIUM, TOTAL	167	V	mg/kg	1.3		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	22.3	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-48-4	COBALT, TOTAL	4	J	mg/kg	0.37		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	6.2	J-	mg/kg	0.21		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-89-6	IRON, TOTAL	45900	J	mg/kg	0.55		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	7.6	U	mg/kg	1.5		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-95-4	MAGNESIUM, TOTAL	699	V	mg/kg	4.3		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-96-5	MANGANESE, TOTAL	164	J	mg/kg	0.087		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.086	U	mg/kg	0.086		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	4.3	V	mg/kg	1.3		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-09-7	POTASSIUM, TOTAL	1480	V	mg/kg	51.8		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	0.22	V	mg/kg	0.15		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	1.6	J	mg/kg	0.25		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-23-5	SODIUM, TOTAL	21.5	U	mg/kg	1.5		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	0.89	U	mg/kg	0.89		No
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-62-2	VANADIUM, TOTAL	42.7	J-	mg/kg	0.24		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	20.4	J	mg/kg	0.26		Yes
Area 6	Area6_TS	06A08	Soil Sample	608135.325	540412.613	6933	SS-06A08B	1.5	2	8/29/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.4622	U	mg/kg			No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	218-01-9	CHRYSENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	1.2	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.054	J	mg/kg	0.4		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	86-73-7	FLUORENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.4	U	mg/kg	0.4		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	108-95-2	PHENOL	0.4	U	mg/kg	0.4		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA	129-00-0	PYRENE	0.05	J	mg/kg	0.4		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	0.104	V	mg/kg			Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0006	J	mg/kg	0.00002		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.0002	U	mg/kg	0.0002		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7548	SS-06B01AZ	3	3.5	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	85.3	V	%	0.1		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	81.7	V	%	0.1		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	INORGANIC	PH	PH	3.2	V	ph units	0.2		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7429-90-5	ALUMINUM, TOTAL	4720	V	mg/kg	2.4		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.77	UJ	mg/kg	0.77		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	6.1	J-	mg/kg	2.1		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	30.3	V	mg/kg	0.13		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.34	U	mg/kg	0.13		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.06	V	mg/kg	0.06		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-70-2	CALCIUM, TOTAL	72.1	U	mg/kg	1.2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	23.3	V	mg/kg	0.37		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-48-4	COBALT, TOTAL	2.5	V	mg/kg	0.33		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	16.4	V	mg/kg	0.18		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	57-12-5	CYANIDE, TOTAL	0.58	U	mg/kg	0.58		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-89-6	IRON, TOTAL	15200	V	mg/kg	0.49		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	14.8	V	mg/kg	2.1		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-95-4	MAGNESIUM, TOTAL	315	J+	mg/kg	3.9		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-96-5	MANGANESE, TOTAL	34.5	J+	mg/kg	0.077		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	3.6	V	mg/kg	1.1		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-09-7	POTASSIUM, TOTAL	557	V	mg/kg	46		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	1	U	mg/kg	1		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.37	V	mg/kg	0.22		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-23-5	SODIUM, TOTAL	39.7	U	mg/kg	1.3		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	UJ	mg/kg	1.2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-62-2	VANADIUM, TOTAL	40.3	V	mg/kg	0.21		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	17.7	V	mg/kg	0.23		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	12674-11-2	AROCLOL-1016	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	11104-28-2	AROCLOL-1221	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	11141-16-5	AROCLOL-1232	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	53469-21-9	AROCLOL-1242	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	12672-29-6	AROCLOL-1248	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	11097-69-1	AROCLOL-1254	0.097	U	mg/kg	0.097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PCBS	11096-82-5	AROCLOL-1260	0.097	U	mg/kg	0.097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0028	V	mg/kg	0.0097		Yes
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_TS	06B01	Soil Sample	6094																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.0097	U	mg/kg	0.0097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0048	U	mg/kg	0.0048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.097	U	mg/kg	0.097		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	67-64-1	ACETONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B01	Soil Sample	609444.479	539205.571	7490	SS-06B01AZ	3	3.5	9/6/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06																			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLORO BENZIDINE	0.85	U	mg/kg	0.85		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.40483	=	mg/kg			Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.14	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.14	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.084	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.059	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1	V	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.18	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.33	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLORO BENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.094	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.16	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.32	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.607	V	mg/kg			Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	2691-41-0	HMX	2	U	mg/kg	2		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	121-82-4	RDX	0.96	U	mg/kg	0.96		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	EXPLOSIVES	479-45-8	TETRYL	0.67	U	mg/kg	0.67		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	77.2	V	%	0.1		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	INORGANIC	PH	PH	5.2	V	ph units	0.2		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.3	U	mg/kg	0.84		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	10.4	V	mg/kg	0.75		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	22.5	J	mg/kg	0.14		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.52	V	mg/kg	0.14		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.24	V	mg/kg	0.052		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	21.3	J	mg/kg	0.4		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	28.1	J	mg/kg	0.2		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	24.6	J	mg/kg	2.2		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.15	V	mg/kg	0.1		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	7.6	V	mg/kg	1.2		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.9	U	mg/kg	0.9		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	32.4	V	mg/kg	0.25		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	12674-11-2	AROCOR-1016	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	11104-28-2	AROCOR-1221	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	11141-16-5	AROCOR-1232	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	53469-21-9	AROCOR-1242	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	12672-29-6	AROCOR-1248	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	11097-69-1	AROCOR-1254	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PCBS	11096-82-5	AROCOR-1260	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.047	J	mg/kg	0.052		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.026	J	mg/kg	0.026		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	1	U	mg/kg	1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7501	SS-06B02A	4	5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.95	U	mg/kg	0.95		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.48423	=	mg/kg			Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.2	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.18	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.35	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.12	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.1	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.23	J	mg/kg			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.41	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLORO BENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.13	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.26	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.42	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.4	V	mg/kg			Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	99-35-4	1,3,5-TRINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	99-65-0	1,3-DINITROBENZENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	118-96-7	2,4,6-TRINITROTOLUENE	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	121-14-2	2,4-DINITROTOLUENE (VOC)	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	606-20-2	2,6-DINITROTOLUENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	1946-51-0	AMINO-DNT'S	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	2691-41-0	HMX	1.9	U	mg/kg	1.9		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	98-95-3	NITROBENZENE (VOC)	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	121-82-4	RDX	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	EXPLOSIVES	479-45-8	TETRYL	0.65	U	mg/kg	0.65		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	69.6	V	%	0.1		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	INORGANIC	PH	PH	6.5	V	ph units	0.2		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	33.8	V	mg/kg	2.1		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	7.1	V	mg/kg	0.81		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	47	J	mg/kg	0.16		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.36	V	mg/kg	0.16		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.14	V	mg/kg	0.057		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	37.6	J	mg/kg	0.45		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	47	J	mg/kg	0.22		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	59.8	J	mg/kg	2.5		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.31	V	mg/kg	0.096		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	10.2	V	mg/kg	1.4		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	3.2	V	mg/kg	0.96		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.75	V	mg/kg	0.27		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.1	U	mg/kg	1.1		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	38.2	V	mg/kg	0.28		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCCLOR-1016	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCCLOR-1221	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCCLOR-1232	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCCLOR-1242	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCCLOR-1248	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCCLOR-1254	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCCLOR-1260	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.08	J	mg/kg	0.057		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.038	J	mg/kg	0.057		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.018	J	mg/kg	0.028		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.028	U	mg/kg	0.028		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.028	U	mg/kg	0.028		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.028	U	mg/kg	0.028		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.028	U	mg/kg	0.028		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.028	U	mg/kg	0.028		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.028	U	mg/kg	0.028		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.026	J	mg/kg	0.028		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.28	U	mg/kg	0.28		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	6.1	V	mg/kg	0.94		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.023	V	mg/kg	0.014		Yes
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.083	U	mg/kg	0.014		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B02	Soil Sample	609167.602	539608.09	7498	SS-06B02AZ	5	5.5	9/7/1994	SB	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.023	V	mg/kg			Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample																		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.4322	=	mg/kg			Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.12	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.12	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.17	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.15	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.32	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.31	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.34	V	mg/kg			Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	65	V	%	0.1		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	INORGANIC	PH	PH	6	V	ph units	0.2		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	7.8	U	mg/kg	0.98		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	26.2	V	mg/kg	2.2		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	33.6	J	mg/kg	0.17		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.5	V	mg/kg	0.17		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.07	V	mg/kg	0.062		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	35	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	40	J	mg/kg	0.23		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	43.8	J	mg/kg	2.7		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.19	V	mg/kg	0.13		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	7.1	V	mg/kg	1.4		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	1.4	V	mg/kg	1.1		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.83	V	mg/kg	0.28		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	28	V	mg/kg	0.3		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCOLOR-1016	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCOLOR-1221	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCOLOR-1232	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCOLOR-1242	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCOLOR-1248	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCOLOR-1254	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCOLOR-1260	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.055	V	mg/kg	0.012		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.016	V	mg/kg	0.012		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.0096	V	mg/kg	0.012		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0025	V	mg/kg	0.0061		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0061	U	mg/kg	0.0061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0061	V	mg/kg	0.0061		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.061	U	mg/kg	0.061		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.027	V	mg/kg	0.015		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.27	V	mg/kg	0.015		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	J	mg/kg	0.008		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.0		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.015	U	mg/kg	0.015		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7500	SS-06B03A	3	3.5	9/7/1994	SB	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.303	V	mg/kg			Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.81	U	mg/kg	0.81		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2	U	mg/kg	2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.42234	=	mg/kg			Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.15	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.17	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.21	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.13	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.11	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.24	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB										

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.35	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.1	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2	U	mg/kg	2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.19	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.41	U	mg/kg	0.41		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.34	J	mg/kg	0.41		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.99	V	mg/kg			Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	82.1	V	%	0.1		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	INORGANIC	PH	PH	4.1	V	ph units	0.2		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.1	U	mg/kg	0.79		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	7.5	V	mg/kg	0.74		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	22.1	J	mg/kg	0.14		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.5	V	mg/kg	0.14		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.06	V	mg/kg	0.051		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	25.8	J	mg/kg	0.37		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	21	J	mg/kg	0.19		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	20.5	J	mg/kg	2.1		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.12	U	mg/kg	0.12		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	11.6	V	mg/kg	1.1		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.87	U	mg/kg	0.87		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.23	U	mg/kg	0.23		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1	U	mg/kg	1		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	34.7	V	mg/kg	0.24		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	0.48	U	mg/kg	0.48		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	0.48	U	mg/kg	0.48		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.013	J	mg/kg	0.048		Yes
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.024	U	mg/kg	0.024		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.024	U	mg/kg	0.024		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.024	U	mg/kg	0.024		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.024	U	mg/kg	0.024		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.024	U	mg/kg	0.024		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.048	U	mg/kg	0.048		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)</						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.024	U	mg/kg	0.024		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.024	U	mg/kg	0.024		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.48	U	mg/kg	0.48		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B03	Soil Sample	608986.788	539864.632	7502	SS-06B03AZ	4	4.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.86	U	mg/kg	0.86		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281</																	

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.4693	=	mg/kg			Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.19	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.2	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.24	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.15	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.1	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.3	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.37	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.1	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.1	U	mg/kg	2.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.24	J	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.43	U	mg/kg	0.43		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.47	V	mg/kg	0.43		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.36	V	mg/kg			Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	75.9	V	%	0.1		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	INORGANIC	PH	PH	3.9	V	ph units	0.2		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.9	U	mg/kg	0.88		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	20	V	mg/kg	1.9		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	58.4	J	mg/kg	0.15		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.28	V	mg/kg	0.15		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.084	V	mg/kg	0.052		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	18.2	J	mg/kg	0.42		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	21.2	J	mg/kg	0.21		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	18.3	J	mg/kg	2.4		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.11	U	mg/kg	0.11		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	7.8	V	mg/kg	1.3		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	1.4	V	mg/kg	0.89		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.47	V	mg/kg	0.25		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1	U	mg/kg	1		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	22.5	V	mg/kg	0.26		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	12674-11-2	AROCOLOR-1016	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	11104-28-2	AROCOLOR-1221	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	11141-16-5	AROCOLOR-1232	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	53469-21-9	AROCOLOR-1242	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	12672-29-6	AROCOLOR-1248	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	11097-69-1	AROCOLOR-1254	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PCBS	11096-82-5	AROCOLOR-1260	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.021	V	mg/kg	0.052		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.021	V	mg/kg	0.052		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.014	V	mg/kg	0.052		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.026	U	mg/kg	0.026		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.26	U	mg/kg	0.26		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.52	U	mg/kg	0.52		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	So																		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7503	SS-06B04A	2.5	3	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.2	U	mg/kg	2.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.87	U	mg/kg	0.87		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.2	U	mg/kg	2.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.2	U	mg/kg	2.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.50842	U	mg/kg			No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.44	U	mg/kg</			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.2	U	mg/kg	2.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.44	U	mg/kg	0.44		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	76.3	V	%	0.1		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	INORGANIC	PH	PH	5.3	V	ph units	0.2		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	0.82	U	mg/kg	0.82		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	3.7	V	mg/kg	0.37		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	12.3	J	mg/kg	0.14		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.56	V	mg/kg	0.14		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.11	V	mg/kg	0.052		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	24.3	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	41.2	J	mg/kg	0.19		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	7.6	U	mg/kg	1.8		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	4.2	V	mg/kg	1.2		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.88	U	mg/kg	0.88		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1	U	mg/kg	1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	18.8	V	mg/kg	0.25		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.01	U	mg/kg	0.01		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.0052	U	mg/kg	0.0052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.052	U	mg/kg	0.052		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.1	U	mg/kg	0.1		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/199											

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.011	J	mg/kg	0.013		Yes
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.042	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.013	U	mg/kg	0.013		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B04	Soil Sample	608690.281	540289.23	7506	SS-06B04Z	3	3.5	9/7/1994	SB	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.011	V	mg/kg			Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	51-28-5	2,4-DINITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	95-57-8	2-CHLOROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	88-74-4	2-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	88-75-5	2-NITROPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	0.94	U	mg/kg	0.94		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	99-09-2	3-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	106-47-8	4-CHLOROANILINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	106-44-5	4-METHYLPHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	100-01-6	4-NITROANILINE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	100-02-7	4-NITROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	83-32-9	ACENAPHTHENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	208-96-8	ACENAPHTHYLENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	120-12-7	ANTHRACENE	0.08	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.59909	=	mg/kg			Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.25	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	50-32-8	BENZO						

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.39	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.22	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.17	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.89	V	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	86-74-8	CARBAZOLE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	218-01-9	CHRYSENE	0.39	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	132-64-9	DIBENZOFURAN	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	84-66-2	DIETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	206-44-0	FLUORANTHENE	0.48	V	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	86-73-7	FLUORENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	118-74-1	HEXACHLOROBENZENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	67-72-1	HEXACHLOROETHANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.18	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	78-59-1	ISOPHORONE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	91-20-3	NAPHTHALENE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	98-95-3	NITROBENZENE (BNA)	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	87-86-5	PENTACHLOROPHENOL	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	85-01-8	PHENANTHRENE	0.2	J	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	108-95-2	PHENOL	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA	129-00-0	PYRENE	0.54	V	mg/kg	0.47		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	BNA TOTALS		TOTAL BNA (NO TICS)	4.07	V	mg/kg			Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	INORGANIC	% SOLIDS	% SOLIDS	69.2	V	%	0.1		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	INORGANIC	PH	PH	4.2	V	ph units	0.2		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-36-0	ANTIMONY, TOTAL	3.4	U	mg/kg	0.94		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-38-2	ARSENIC, TOTAL	12.2	V	mg/kg	0.85		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-39-3	BARIUM, TOTAL	30	J	mg/kg	0.16		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.74	V	mg/kg	0.16		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-43-9	CADMIUM, TOTAL	0.17	V	mg/kg	0.059		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-47-3	CHROMIUM, TOTAL	32.5	J	mg/kg	0.45		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-50-8	COPPER, TOTAL	49.5	J	mg/kg	0.22		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7439-92-1	LEAD, TOTAL	45.8	J	mg/kg	2.5		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7439-97-6	MERCURY, TOTAL	0.17	V	mg/kg	0.14		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-02-0	NICKEL, TOTAL	8.5	V	mg/kg	1.4		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7782-49-2	SELENIUM, TOTAL	1.3	V	mg/kg	1		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-22-4	SILVER, TOTAL	0.27	U	mg/kg	0.27		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-28-0	THALLIUM, TOTAL	1.2	U	mg/kg	1.2		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	METALS	7440-66-6	ZINC, TOTAL	37.6	V	mg/kg	0.28		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	12674-11-2	AROCLO-1016	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	11104-28-2	AROCLO-1221	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	11141-16-5	AROCLO-1232	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	53469-21-9	AROCLO-1242	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	12672-29-6	AROCLO-1248	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	11097-69-1	AROCLO-1254	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PCBS	11096-82-5	AROCLO-1260	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.029	U	mg/kg	0.029		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.029	U	mg/kg	0.02		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.029	U	mg/kg	0.029		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.029	U	mg/kg	0.029		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.029	U	mg/kg	0.029		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.057	U	mg/kg	0.057		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.029	U	mg/kg	0.029		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.029	U	mg/kg	0.029		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.029	U	mg/kg	0.029		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.29	U	mg/kg	0.29		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.57	U	mg/kg	0.57		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.92	U	mg/kg	0.92		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	78-93-3	2-BUTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	591-78-6	2-HEXANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	67-64-1	ACETONE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	71-43-2	BENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-25-2	BROMOFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	74-83-9	BROMOMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-15-0	CARBON DISULFIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	108-90-7	CHLOROBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-00-3	CHLOROETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	67-66-3	CHLOROFORM	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	74-87-3	CHLOROMETHANE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	100-41-4	ETHYLBENZENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-09-2	METHYLENE CHLORIDE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	100-42-5	STYRENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	108-88-3	TOLUENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	79-01-6	TRICHLOROETHYLENE	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	108-05-4	VINYL ACETATE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	75-01-4	VINYL CHLORIDE	0.014	U	mg/kg	0.014		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7504	SS-06B05A	1.5	2	9/7/1994	SS	N	VOA	1330-20-7	XYLENES (TOTAL)	0.007	U	mg/kg	0.007		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.51					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	1	U	mg/kg	1		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.056	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.55856	=	mg/kg			Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.23	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.23	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.35	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.18	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.12	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	218-01-9	CHRYSENE	0.36	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.39	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	86-73-7	FLUORENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.14	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2.6	U	mg/kg	2.6		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.31	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	108-95-2	PHENOL	0.51	U	mg/kg	0.51		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA	129-00-0	PYRENE	0.5	J	mg/kg	0.51		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	2.866	V	mg/kg			Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	64.3	V	%	0.1		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	INORGANIC	PH	PH	4.1	V	ph units	0.2		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	21.8	V	mg/kg	2.3		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	49.4	V	mg/kg	4.6		Yes

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	98.2	J	mg/kg	0.18		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.5	V	mg/kg	0.18		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.12	V	mg/kg	0.063		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	63.6	J	mg/kg	0.48		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	73.5	J	mg/kg	0.24		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	102	J	mg/kg	2.7		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.59	V	mg/kg	0.15		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	9.6	V	mg/kg	1.5		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	3.9	V	mg/kg	1.1		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	1.3	V	mg/kg	0.29		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	1.3	U	mg/kg	1.3		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	45.8	V	mg/kg	0.3		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	12674-11-2	AROCOLOR-1016	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	11104-28-2	AROCOLOR-1221	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	11141-16-5	AROCOLOR-1232	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	53469-21-9	AROCOLOR-1242	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	12672-29-6	AROCOLOR-1248	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	11097-69-1	AROCOLOR-1254	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PCBS	11096-82-5	AROCOLOR-1260	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.092	V	mg/kg	0.062		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.075	V	mg/kg	0.062		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.083	V	mg/kg	0.062		Yes
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.031	U	mg/kg	0.031		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.031	U	mg/kg	0.031		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.031	U	mg/kg	0.031		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.031	U	mg/kg	0.031		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.031	U	mg/kg	0.031		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.062	U	mg/kg	0.062		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.031	U	mg/kg	0.031		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.031	U	mg/kg	0.031		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.031	U	mg/kg	0.031		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.31	U	mg/kg	0.31		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.62	U	mg/kg	0.62		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	67-64-1	ACETONE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	71-43-2	BENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-25-2	BROMOFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.008	U	mg/kg	0.008		No
Area 6																					

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	100-42-5	STYRENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	108-88-3	TOLUENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.016	U	mg/kg	0.016		No
Area 6	Area6_TS	06B05	Soil Sample	608505.546	540533.446	7505	SS-06B05Z	3	3.5	9/7/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.008	U	mg/kg	0.008		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	51-28-5	2,4-DINITROPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	88-74-4	2-NITROANILINE	3.9	U	mg/kg	3.9		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROBENZIDINE	1.6	U	mg/kg	1.6		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	99-09-2	3-NITROANILINE	3.9	U	mg/kg	3.9		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	100-01-6	4-NITROANILINE	3.9	U	mg/kg	3.9		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.912845	U	mg/kg			No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	218-01-9	CHRYSENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.79	U	mg/kg</			

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	206-44-0	FLUORANTHENE	8.1	V	mg/kg	0.79		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	86-73-7	FLUORENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	118-74-1	HEXACHLORO BENZENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	3.9	U	mg/kg	3.9		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	108-95-2	PHENOL	0.79	U	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA	129-00-0	PYRENE	7.7	V	mg/kg	0.79		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	15.8	V	mg/kg			Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00005	U	mg/kg	0.00005		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00011	J	mg/kg	0.00004		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	38998-75-3	HPCDF (TOTAL)	0.0001	U	mg/kg	0.0001		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00018	U	mg/kg	0.00018		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00011	U	mg/kg	0.00011		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	3268-87-9	OCDD	0.002	V	mg/kg	0.00003		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00004	J	mg/kg	0.00003		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00017	U	mg/kg	0.00017		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00005	U	mg/kg	0.00005		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00006	U	mg/kg	0.00006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7551	SS-06B06A	2	4	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	90.8	V	%	0.1		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	84.4	V	%	0.1		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	INORGANIC	PH	PH	7	V	ph units	0.2		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	1.3	U	mg/kg	0.75		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	6.9	V	mg/kg	0.69		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	30.2	V	mg/kg	0.13		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.93	V	mg/kg	0.13		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.55	V	mg/kg	0.048		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	22	V	mg/kg	0.35		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	42.9	V	mg/kg	0.18		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	45.7	V	mg/kg	2		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.085	U	mg/kg	0.085		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	14.8	V	mg/kg	1.1		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.85	V	mg/kg	0.81		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.21	U	mg/kg	0.21		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	0.95	U	mg/kg	0.95		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	99.1	V	mg/kg	0.22		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	12674-11-2	AROCLO-1016	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	11104-28-2	AROCLO-1221	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	11141-16-5	AROCLO-1232	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	53469-21-9	AROCLO-1242	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	12672-29-6	AROCLO-1248	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	11097-69-1	AROCLO-1254	4.7	U	mg/kg	4.7		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PCBS	11096-82-5	AROCLO-1260	4.7	U	mg/kg	4.7		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.24	U	mg/kg	0.24		No

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.24	U	mg/kg	0.24		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.11	V	mg/kg	0.24		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	2.4	U	mg/kg	2.4		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	4.7	U	mg/kg	4.7		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.98	U	mg/kg	0.98		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-35-4	1,1-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	107-06-2	1,2-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	67-64-1	ACETONE	0.018	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7496	SS-06B06A	2	4	9/6/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	120-82-1	1,2,4-TRICHLOROBENZENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	95-50-1	1,2-DICHLOROBENZENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	541-73-1	1,3-DICHLOROBENZENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	106-46-7	1,4-DICHLOROBENZENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	95-95-4	2,4,5-TRICHLOROPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	88-06-2	2,4,6-TRICHLOROPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	120-83-2	2,4-DICHLOROPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	105-67-9	2,4-DIMETHYLPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06														

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	121-14-2	2,4-DINITROTOLUENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	606-20-2	2,6-DINITROTOLUENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	91-58-7	2-CHLORONAPHTHALENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	95-57-8	2-CHLOROPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	91-57-6	2-METHYLNAPHTHALENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	95-48-7	2-METHYLPHENOL (O-CRESOL)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	88-74-4	2-NITROANILINE	2	UJ	mg/kg	2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	88-75-5	2-NITROPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	91-94-1	3,3'-DICHLOROENZIDINE	0.79	UJ	mg/kg	0.79		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	99-09-2	3-NITROANILINE	2	UJ	mg/kg	2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	101-55-3	4-BROMOPHENYL PHENYL ETHER	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	59-50-7	4-CHLORO-3-METHYLPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	106-47-8	4-CHLOROANILINE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	7005-72-3	4-CHLOROPHENYL PHENYL ETHER	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	106-44-5	4-METHYLPHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	100-01-6	4-NITROANILINE	2	UJ	mg/kg	2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	100-02-7	4-NITROPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	83-32-9	ACENAPHTHENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	208-96-8	ACENAPHTHYLENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	120-12-7	ANTHRACENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	BAPTEQ	BAP EQUIVALENT, CALCULCATED	0.278933	=	mg/kg			Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	56-55-3	BENZO(A)ANTHRACENE	0.07	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	50-32-8	BENZO(A)PYRENE	0.049	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	205-99-2	BENZO(B)FLUORANTHENE	0.064	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	191-24-2	BENZO(G,H,I)PERYLENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	207-08-9	BENZO(K)FLUORANTHENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	111-91-1	BIS(2-CHLOROETHOXY)METHANE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	0.32	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	85-68-7	BUTYLBENZYLPHTHALATE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	86-74-8	CARBAZOLE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	218-01-9	CHRYSENE	0.083	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	53-70-3	DIBENZ(A,H)ANTHRACENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	132-64-9	DIBENZOFURAN	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	84-66-2	DIETHYL PHTHALATE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	131-11-3	DIMETHYL PHTHALATE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	84-74-2	DI-N-BUTYL PHTHALATE	0.39	U	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	117-84-0	DI-N-OCTYL PHTHALATE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	206-44-0	FLUORANTHENE	0.14	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	86-73-7	FLUORENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	118-74-1	HEXACHLOROBENZENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	87-68-3	HEXACHLOROBUTADIENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	77-47-4	HEXACHLOROCYCLOPENTADIENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	67-72-1	HEXACHLOROETHANE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	193-39-5	INDENO(1,2,3-C,D)PYRENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	78-59-1	ISOPHORONE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	91-20-3	NAPHTHALENE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	98-95-3	NITROBENZENE (BNA)	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	621-64-7	N-NITROSO-DI-N-PROPYLAMINE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	86-30-6	N-NITROSODIPHENYLAMINE	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	87-86-5	PENTACHLOROPHENOL	2	UJ	mg/kg	2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	85-01-8	PHENANTHRENE	0.15	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	108-95-2	PHENOL	0.39	UJ	mg/kg	0.39		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA	129-00-0	PYRENE	0.19	J	mg/kg	0.39		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	BNA TOTALS		TOTAL BNA (NO TICS)	1.066	V	mg/kg			Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	1746-01-6	2,3,7,8-TCDD	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	51207-31-9	2,3,7,8-TCDF	0.00001	U	mg/kg	0.00001		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	37871-00-4	HPCDD (TOTAL)	0.00003	J	mg/kg	0.00002		

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	34465-46-8	HXCDD (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	55684-94-1	HXCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	3268-87-9	OCDD	0.0027	V	mg/kg	0		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	39001-02-0	OCDF	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	36088-22-9	PECDD (TOTAL)	0.00008	U	mg/kg	0.00008		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	30402-15-4	PECDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	41903-57-5	TCDD (TOTAL)	0.00003	U	mg/kg	0.00003		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	DIOXIN/FURANS	55722-27-5	TCDF (TOTAL)	0.00002	U	mg/kg	0.00002		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7550	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	84.5	V	%	0.1		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	INORGANIC	% SOLIDS	% SOLIDS	83.8	V	%	0.1		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	INORGANIC	PH	PH	5.8	V	ph units	0.2		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-36-0	ANTIMONY, TOTAL	2.6	U	mg/kg	0.78		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-38-2	ARSENIC, TOTAL	4.4	V	mg/kg	0.34		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-39-3	BARIUM, TOTAL	39.1	V	mg/kg	0.14		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-41-7	BERYLLIUM, TOTAL	0.65	V	mg/kg	0.14		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-43-9	CADMIUM, TOTAL	0.09	V	mg/kg	0.048		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-47-3	CHROMIUM, TOTAL	23.7	V	mg/kg	0.37		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-50-8	COPPER, TOTAL	18.2	V	mg/kg	0.18		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7439-92-1	LEAD, TOTAL	16.1	V	mg/kg	2.1		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7439-97-6	MERCURY, TOTAL	0.082	U	mg/kg	0.082		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-02-0	NICKEL, TOTAL	6.3	V	mg/kg	1.1		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7782-49-2	SELENIUM, TOTAL	0.81	U	mg/kg	0.81		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-22-4	SILVER, TOTAL	0.22	U	mg/kg	0.22		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-28-0	THALLIUM, TOTAL	0.95	U	mg/kg	0.95		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	METALS	7440-66-6	ZINC, TOTAL	22.7	V	mg/kg	0.23		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	12674-11-2	AROCLOL-1016	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	11104-28-2	AROCLOL-1221	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	11141-16-5	AROCLOL-1232	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	53469-21-9	AROCLOL-1242	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	12672-29-6	AROCLOL-1248	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	11097-69-1	AROCLOL-1254	0.93	U	mg/kg	0.93		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PCBS	11096-82-5	AROCLOL-1260	0.93	U	mg/kg	0.93		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	72-54-8	4,4-DDD	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	72-55-9	4,4-DDE	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	50-29-3	4,4-DDT	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	309-00-2	ALDRIN	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	319-84-6	ALPHA-BHC	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	5103-71-9	ALPHA-CHLORDANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	319-85-7	BETA-BHC	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	319-86-8	DELTA-BHC	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	60-57-1	DIELDRIN	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	959-98-8	ENDOSULFAN I	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	33213-65-9	ENDOSULFAN II	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	1031-07-8	ENDOSULFAN SULFATE	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	72-20-8	ENDRIN	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	7421-93-4	ENDRIN ALDEHYDE	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	53494-70-5	ENDRIN KETONE	0.093	U	mg/kg	0.093		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	58-89-9	GAMMA BHC (LINDANE)	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	5103-74-2	GAMMA-CHLORDANE	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	76-44-8	HEPTACHLOR	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	1024-57-3	HEPTACHLOR EPOXIDE	0.047	U	mg/kg	0.047		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	72-43-5	METHOXYCHLOR	0.47	U	mg/kg	0.47		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	PESTICIDE/PCBS	8001-35-2	TOXAPHENE	0.93	U	mg/kg	0.93		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	THIODIGLYCOL	111-48-8	THIODIGLYCOL	0.2	U	mg/kg	0.2		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	TNT (JENKINS)	118-96-7	2,4,6-TRINITROTOLUENE (JENKINS)	0.96	U	mg/kg	0.96		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	71-55-6	1,1,1-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	79-00-5	1,1,2-TRICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-34-3	1,1-DICHLOROETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749</																

APPENDIX B - HISTORICAL ANALYTICAL DATA

Site Name	AOC_ID	StationID	StationType	Northing	Easting	SampleID	SampleName	UpperDepth	LowerDepth	DateCollected	Matrix	SampleType	ChemGroup	CASNumber	ParamName	AnaValue	ProjQual	Units	DetectionLimit	ReportingLimit	Detected
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	78-87-5	1,2-DICHLOROPROPANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	78-93-3	2-BUTANONE	0.017	V	mg/kg	0.012		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	591-78-6	2-HEXANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	108-10-1	4-METHYL-2-PENTANONE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	67-64-1	ACETONE	0.12	V	mg/kg	0.012		Yes
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	71-43-2	BENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-27-4	BROMODICHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-25-2	BROMOFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	74-83-9	BROMOMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-15-0	CARBON DISULFIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	56-23-5	CARBON TETRACHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	108-90-7	CHLOROBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-00-3	CHLOROETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	67-66-3	CHLOROFORM	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	74-87-3	CHLOROMETHANE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	124-48-1	DIBROMOCHLOROMETHANE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	100-41-4	ETHYLBENZENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-09-2	METHYLENE CHLORIDE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	100-42-5	STYRENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	127-18-4	TETRACHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	108-88-3	TOLUENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	540-59-0	TOTAL-1,2-DICHLOROETHENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	79-01-6	TRICHLOROETHYLENE	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	108-05-4	VINYL ACETATE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	75-01-4	VINYL CHLORIDE	0.012	U	mg/kg	0.012		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA	1330-20-7	XYLENES (TOTAL)	0.006	U	mg/kg	0.006		No
Area 6	Area6_TS	06B06	Soil Sample	608267.175	540852.749	7497	SS-06B06Z	7.2	7.7	9/6/1994	SB	N	VOA TOTALS		TOTAL VOA (NO TICS)	0.137	V	mg/kg			Yes

Appendix C

Site Photographs



PHOTOGRAPHIC LOG

Client Name: US Army Engineering & Support Center Huntsville
Site Location: Former Raritan Arsenal, Edison, New Jersey

Contract Number:
W912DY-09-D-0060

1

Date:
11/19/13

MarshMaster used
for Vegetation
Clearance in
Areas of DSA 1
difficult to Access



2

Date:
11/19/13

Marsh Master
Operations, DSA
1, Transect 9





PHOTOGRAPHIC LOG

Client Name: US Army Engineering & Support Center Huntsville
Site Location: Former Raritan Arsenal, Edison, New Jersey

Contract Number:
W912DY-09-D-0060

3

11/19/13

Marsh Master
Operations, DSA
1, Transect 10





PHOTOGRAPHIC LOG

Client Name: US Army Engineering & Support Center Huntsville
Site Location: Former Raritan Arsenal, Edison, New Jersey

Contract Number:
W912DY-09-D-0060

4

DSA #2:
Vegetation
Removal



5

DGM Towed Array
Setup





PHOTOGRAPHIC LOG

Client Name: US Army Engineering & Support Center Huntsville
Site Location: Former Raritan Arsenal, Edison, New Jersey

Contract Number:
W912DY-09-D-0060

6

DGM Towed Array
Setup



7

DGM of Towed
Array Operations





PHOTOGRAPHIC LOG

Client Name: US Army Engineering & Support Center Huntsville
Site Location: Former Raritan Arsenal, Edison, New Jersey

Contract Number:
W912DY-09-D-0060

6

12/12/13

DGM Transect
T3DSA1, DSA1



7

12/12/13

End of Day
Breakdown



Appendix D

Geophysical Investigation Report

Appendix D, *Geophysical Investigation Reports*, is provided electronically on a separate DVD.

Appendix E

IVS Report

Draft

EM61-MK2 Instrument Verification Strip Report for the Remedial Investigation/Feasibility Study

**Former Raritan Arsenal
Edison, New Jersey**

**FUDS Property Number: TBD
FUDS Project Number: C02NJ008403**

January 2014

Geographical District: US Army Corps of Engineers - New York District

**Contract: W912DY-09-D-0060
Task Order: 003**



Prepared for:

US Army Engineering and Support Center, Huntsville

Prepared by:



**1000 Abernathy Road
Suite 1600
Atlanta, Georgia 30328**

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4	Quality Control and Measurement Quality objectives.....	4-1
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2-2	IVS Background Survey
2-3	Small Industry Standard Object
2-4	IVS As-Built Layout
2-5	IVS As-Built Photograph
3-1	Triple-Coil Towed-Array EM61-MK2 IVS Survey
3-2	Single-Coil Person-Portable EM61-MK2 (Fiducial Positioning) IVS Survey Results
3-3	Person-Portable (Fiducial Positioning) Static Test Result Compared to Predicted Small Horizontal ISO Response
3-4	Triple-Coil Towed Array EM61-MK2 (RTK-GPS Positioning) IVS Survey Results
3-5	Towed Array (RTK-GPS Positioning) Static Test Results Compared to Predicted Small Horizontal ISO Response
3-6	Single-Coil Person-Portable EM61-MK2 (RTK-GPS Positioning) IVS Survey Results
3-7	Person-Portable (RTK-GPS Positioning) Static Test Results Compared to Predicted Small Horizontal ISO Response

Tables (included within each section)

2-1	IVS Coordinates
3-1	Person Portable (Fiducial Positioning) IVS Seed Item Response Characteristics
3-2	Towed Array (RTK-GPS Positioning) IVS Seed Item Response Characteristics
3-3	Person Portable (RTK-GPS Positioning) IVS Seed Item Response Characteristics
5-1	Measurement Quality Objectives and IVS Results

SECTION 1

Introduction

1.0.1 CH2M HILL is performing a Remedial Investigation and Feasibility Study (RI/FS) focused on Areas 1, 6, 6A, 6B, 9, 10, 11, 12, 13, 16, 18D, 19, and the Dredge Spoils Area (DSA) at the Former Raritan Arsenal in Edison, New Jersey. This document was prepared for the U.S. Army Engineering and Support Center, Huntsville, Alabama (CEHNC) as part of Contract Number W912DY-09-D-0060, Task Order 0003, and the U.S. Army Corps of Engineers (USACE) New York and New England Districts to document the initial phase of the investigation to locate and characterize munitions and explosives of concern (MEC) and material potentially presenting an explosive hazard (MPPEH) in the subsurface at the Former Raritan Arsenal.

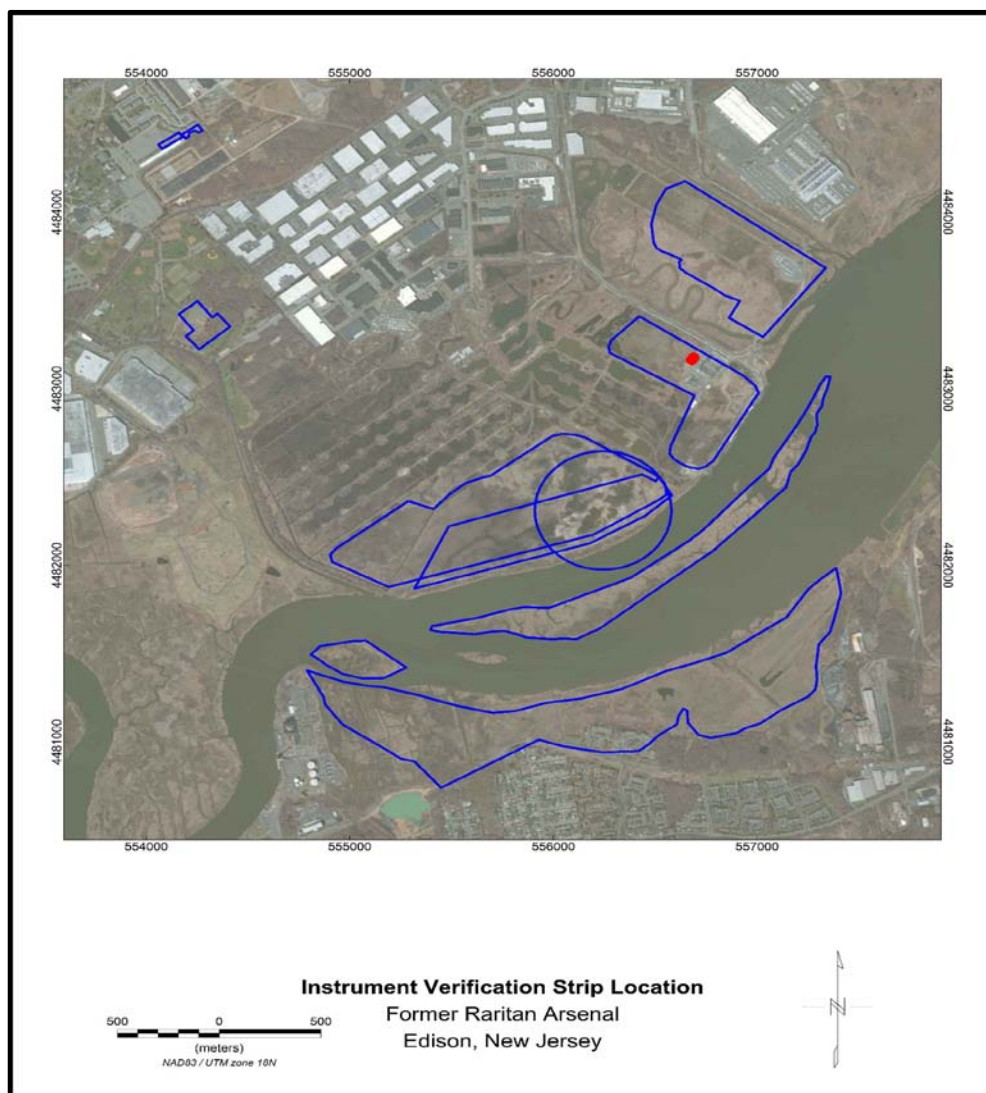
1.0.2 CH2M HILL employed a two-stage physics-based verification process in which signal strength and sensor performance were demonstrated initially by static and dynamic tests on a test strip and throughout the survey with a blind seeding program. The initial phase involved verification of both the single-coil person-portable Geonics Ltd. EM61-MK2 digital geophysical mapping (DGM) system and the three-coil vehicular towed array EM61-MK2 DGM system using an instrument verification strip (IVS). The second phase involved the burial of small industry standard objects (ISOs) within the investigation areas to demonstrate the continued effectiveness of the system and of the survey methodology. The results of the blind seeding program will be discussed in the final RI Report. The IVS process followed the Geophysical System Verification (GSV) Plan presented in Appendix F of the Remedial Investigation Work Plan.

SECTION 2

Instrument Verification Strip Location and Setup

2.0.1 On December 3, 2013, the CH2M HILL Quality Control (QC) Geophysicist and Unexploded Ordnance Quality Control Manager (UXOQCM) established an IVS at the location in Dredge Spoils Area (DSA) #2 marked in red on [Figure 2-1](#). A Trimble R8 Global Navigation Satellite System (GNSS) receiver was utilized for data positioning¹, with a Trimble R8 base station on the “A-701” control point, which was established by Vargo Associates, the project licensed New Jersey professional land surveyor (PLS). The real-time kinematic (RTK) global positioning system (GPS) was tested at a previously-installed survey stake (“TDSA2-6B”) prior to recording the IVS coordinates and found to be accurate within 1 centimeter (cm).

FIGURE 2-1
IVS Location



¹ All coordinates reported in this document and in the IVS data are accurate to the North American Datum of 1983 (NAD83) Universal Transverse Mercator (UTM) Zone 18 North (meters) coordinate system.

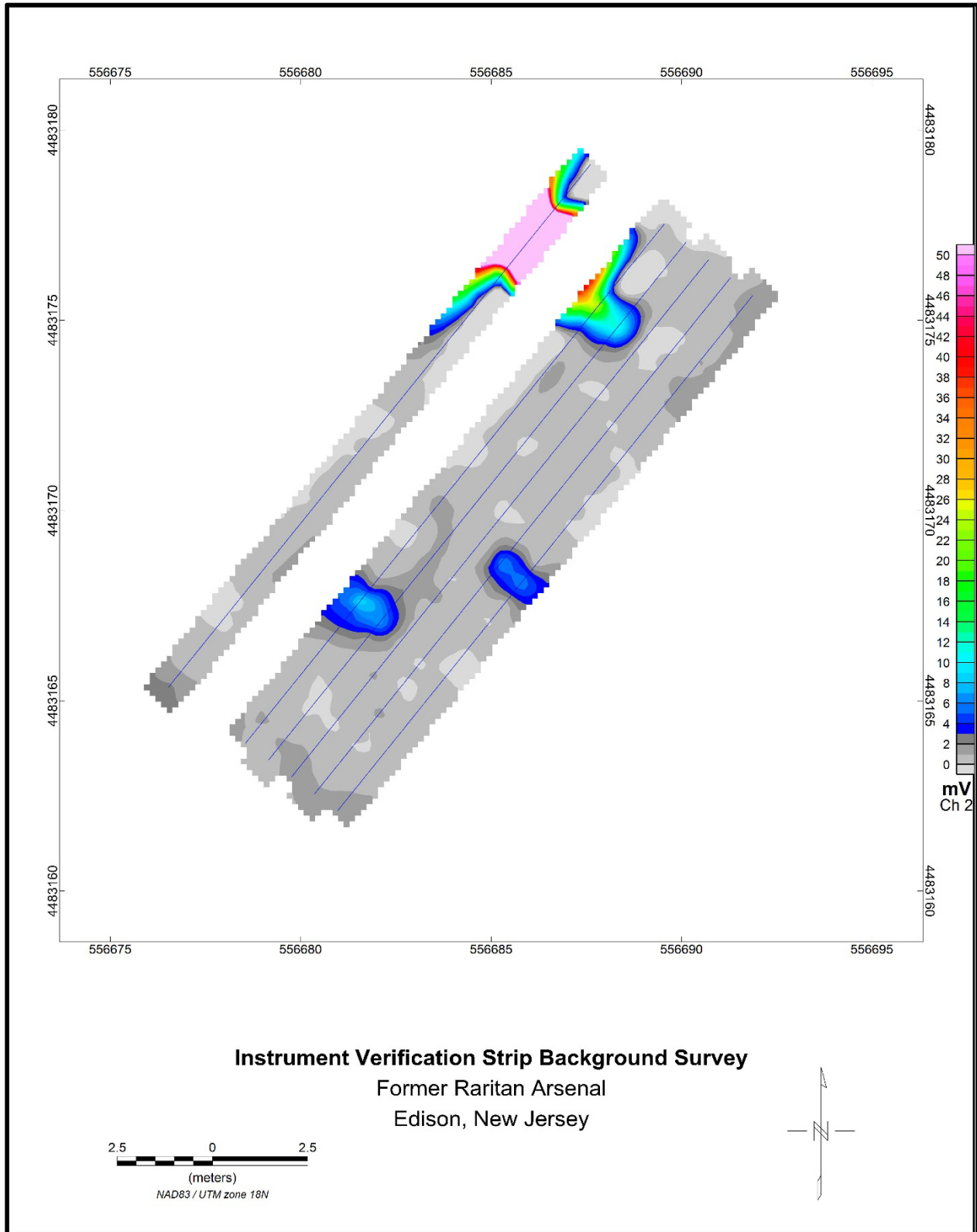
2.0.2 Prior to each IVS geophysical survey, daily QC tests were performed with the EM61-MK2 systems, as described in the Remedial Investigation Work Plan. The following daily functional tests were conducted:

- **Equipment Warm-up.** The EM61-MK2 systems were allowed to warm up for more than 10 minutes prior to beginning QC tests and data collection.
- **Record Sensor Positions.** The R8 GPS rover antenna was positioned over a known point ("TDSA2-6B"), and its location was recorded to demonstrate the system positioning accuracy.
- **Personnel Test.** To verify that all personnel operating or working within close proximity to the survey platforms were free of magnetic and/or conductive material that could potentially affect the survey data, the EM61-MK2 systems were checked for any response to the personnel operating the systems. Data was recorded continuously for the duration of the test as each system operator approached the instrument receiving coils to identify objects on the operator's person that could affect the survey data. The response was observed in the field for immediate corrective action, and transmitted back to the data processor, where it was analyzed and checked for spikes in the data that could result in false anomalies.
- **Cable Shake Test.** To ensure that movement of cables on the survey equipment did not introduce significant noise, and that there were no loose connections or shorts in cables that could introduce noise spikes, data were continuously recorded in a static location as each system cable and connection was shaken. The response was observed in the field for immediate corrective action and transmitted back to the data processor, where it was analyzed and checked for spikes in the data that could result in false anomalies.
- **Static Background and Static Spike.** The static test was performed by positioning the EM61-MK2 systems in an area free of metallic contacts and collecting data for a 3-minute period. During this time, the instruments were held in a fixed position for 1 minute to measure the background response, then for 1 minute with a small ISO spike at a precisely measured orientation and distance (43 cm) from each sensor coil, and finally for 1 minute without the ISO to again measure the system response to background conditions. The purpose of the static test was to determine whether unusual levels of instrument or ambient noise existed.

2.0.3 As part of the IVS survey, the repeat data functional test was also conducted. This test was performed to verify repeatability of the data after the initial survey over the IVS by resurveying the line over the seeded IVS items. The initial repeat data test was conducted at the IVS, where line paths are well constrained, because repeatability of the survey data is generally high. Due to the intrinsic difficulty of following the exact path for collecting repeat data, however, especially under field survey conditions, this test is a qualitative comparison as opposed to a quantitative comparison.

2.0.4 After the instrument QC tests were performed, the single-coil person portable EM61-MK2 system was used to conduct a background survey of the general area identified by CH2M HILL as a potential location for the IVS. The location was not entirely free from geophysical anomalies, however, there was sufficient space between existing anomalies for the placement of the IVS seed items. The background survey over the selected plot is shown on [Figure 2-2](#).

FIGURE 2-2
IVS Background Survey



2.0.5 The CH2M HILL Quality Control Geophysicist buried six IVS seed items as specified in the GSV Plan. All seed items were small schedule 40 ISOs, as shown on [Figure 2-3](#). The seed item locations were confirmed to be clear of geophysical anomalies by the CH2M HILL UXOQCM prior to emplacement. After placement of the items, the locations were recorded using the Trimble R8 RTK GPS. The locations, depths and orientations of the IVS seed items are shown in [Table 2-1](#). An as-built map of the IVS is shown on [Figure 2-4](#), and a photograph of the IVS is presented on [Figure 2-5](#).

FIGURE 2-3
Small Industry Standard Object

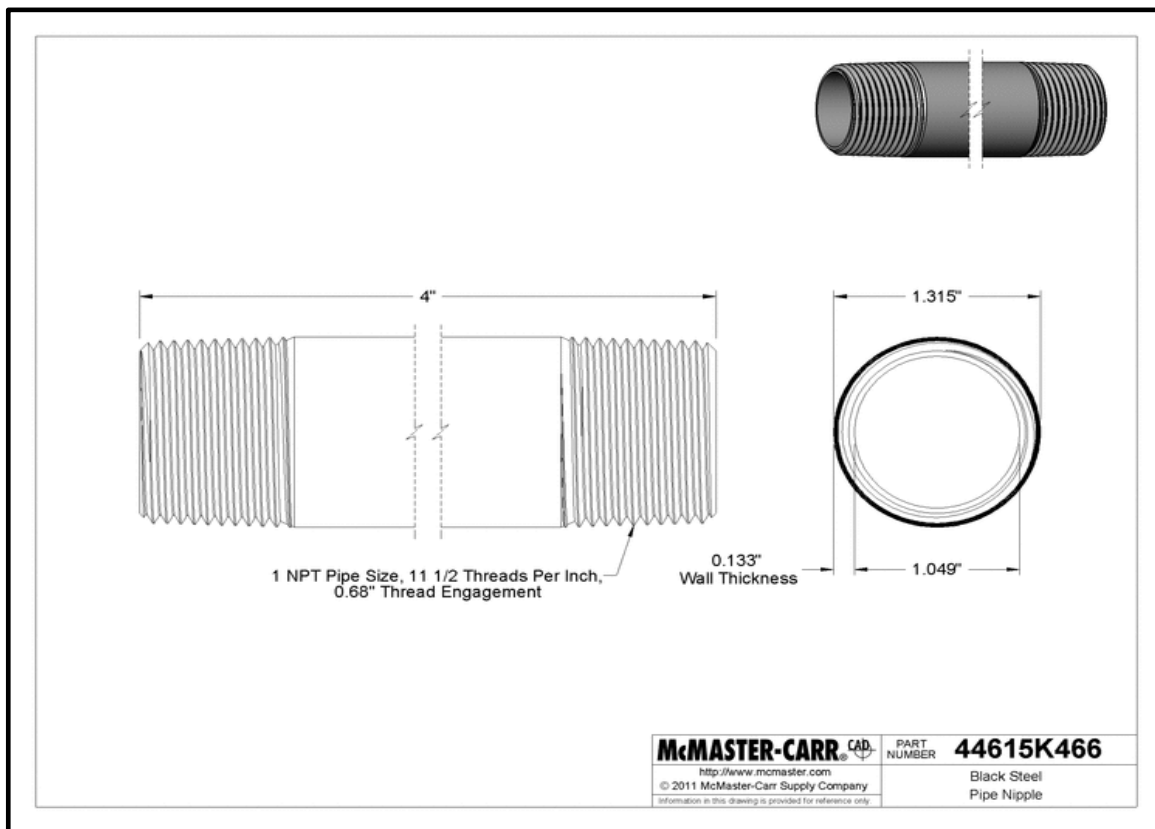


TABLE 2-1
IVS Coordinates

Point ID	Easting (m) ¹	Northing (m) ¹	Item Depth ² (cm)	Item Orientation	Description
ISO 1	556682.1326	4483164.360	10	Vertical	Small ISO
ISO 2	556682.7826	4483166.697	10	Vertical	Small ISO
ISO 3	556683.3733	4483169.037	10	Vertical	Small ISO
ISO 4	556685.1326	4483171.266	23	Vertical	Small ISO
ISO 5	556687.3485	4483172.400	23	Vertical	Small ISO
ISO 6	556689.6046	4483173.601	23	Vertical	Small ISO

Notes:

¹ All coordinates in North American Datum of 1983 (NAD83), Universal Transverse Mercator (UTM), Zone 18N, meters.

² Measured from ground surface to center of mass of item.

FIGURE 2-4
IVS As-Built Layout

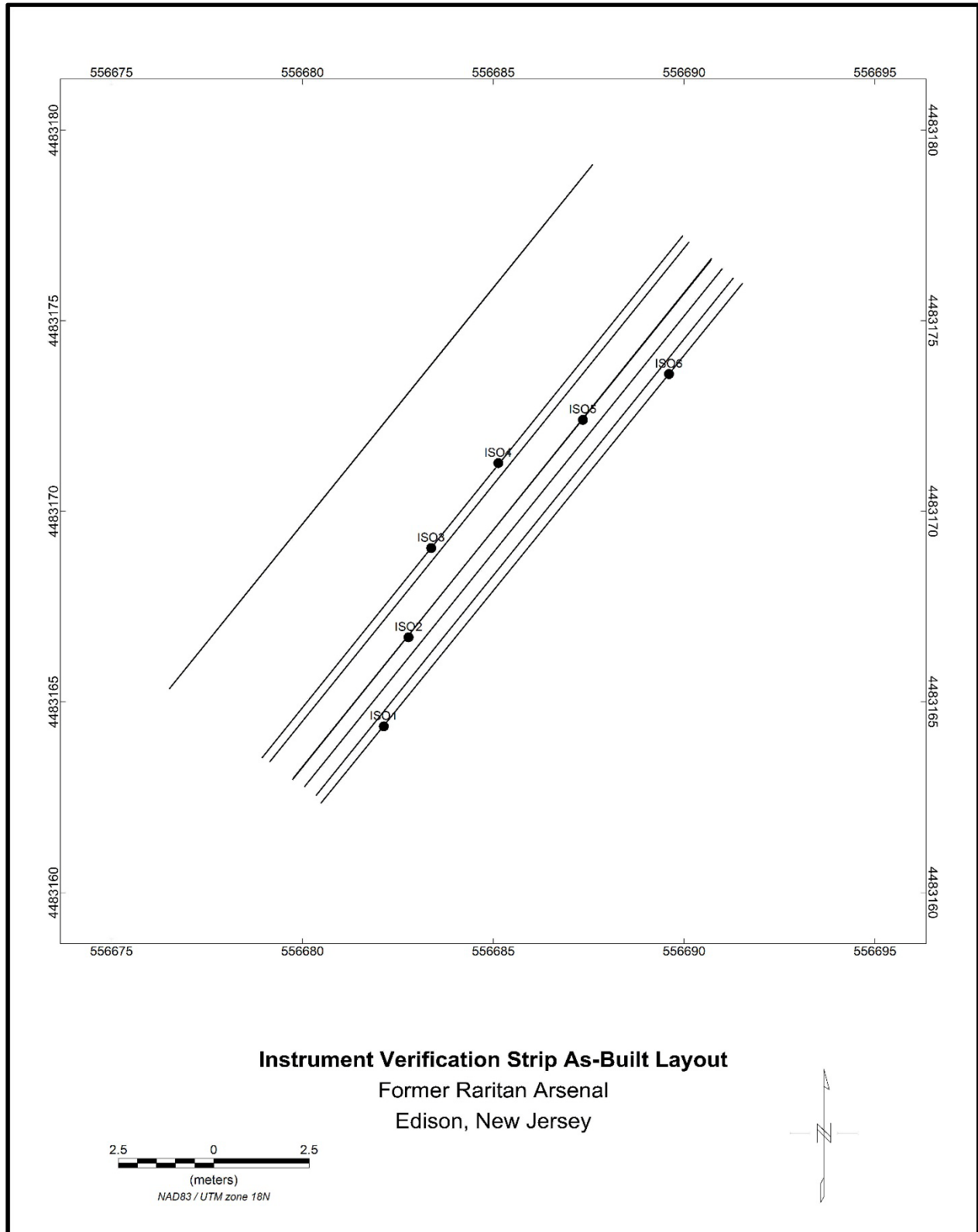


FIGURE 2-5
IVS As-Built Photograph



SECTION 3

Instrument Verification Strip Surveys and Results

3.1 Instrument Verification Strip Surveys

3.1.1 Initial IVS surveys were conducted with three separate EM61-MK2 systems for use in the Former Raritan Arsenal DGM surveys. The single-coil person-portable systems were validated with a standard 5-line IVS survey as described in the GSV Plan. The primary line in the person-portable IVS surveys passed directly over 2 buried seed items (ISO 2 and ISO 5). The triple-coil towed array system was validated with a survey over the IVS in which each coil in the array passed directly over 2 buried seed items. Abbreviated IVS surveys were conducted with each EM61-MK2 system on a twice-daily basis when that system was in use as a continuing verification of the dynamic performance of the system.

3.1.2 The following EM61-MK2 systems were validated at the IVS:

- a single-coil person-portable system utilizing fiducial positioning methods
- an RTK-GPS-positioned triple-coil towed array system towed behind an Argo utility task vehicle
- a single-coil person-portable system with RTK-GPS positioning

3.1.3 The single-coil person-portable system utilizing fiducial positioning methods and the triple-coil towed array system were both validated on December 3, 2013. The IVS survey with the single-coil person-portable system was conducted on December 13, 2013. The triple-coil system towed behind the Argo utility task vehicle is shown on [Figure 3-1](#) conducting the IVS survey.

FIGURE 3-1
Triple-Coil Towed-Array EM61-MK2 IVS Survey



3.1.4 Responses from the IVS seeds may vary from the predicted values because of variables that intrinsically inject error into the measurement, including the following:

- **Depth Measurement:** if terrain is not completely flat around excavated holes, an average of the ground level must be determined in the field, potentially resulting in differences of up to several centimeters
- **Instrument Path:** while the instrument operator attempts to maintain a central path over the seeded items, slight variation to either side can impact the measured response
- **Measurement Location:** because the instrument records are at set measurement intervals, the actual measured response may not be directly over the seed item
- **Instrument Bounce:** unless terrain is absolutely flat around the excavation, the motion of the DGM system may cause the transmit/receive coil to vary in height above the ground surface by several centimeters from the height used to predict the response curve

3.1.5 Because there is limited ability to control these error variables, the primary quality measure of the instrument response is the static test with the ISO at a strictly controlled distance from the transmit/receive coil. The dynamic survey over the IVS seeds is a secondary measure and can be used to demonstrate kinematic (in motion) detection of the ISOs, demonstrate appropriate falloff of response from deeper items, measure representative background response, and demonstrate positioning system accuracy under kinematic conditions.

3.1.6 All IVS data has been provided to the USACE Geophysicist for review, and will also be delivered on DVD with the final Digital Geophysical Mapping Report.

3.2 Results

3.2.1 Single-Coil Person Portable EM61-MK2 with Fiducial Positioning

3.2.1.1 The IVS was surveyed on December 3, 2013, using the single-coil person-portable EM61-MK2 system with fiducial positioning. The survey results are shown on [Figure 3-2](#) and described in the following section. The quantitative daily static test results are shown on [Figure 3-3](#).

FIGURE 3-2
Single-Coil Person Portable EM61-MK2 (Fiducial Positioning) IVS Survey Results

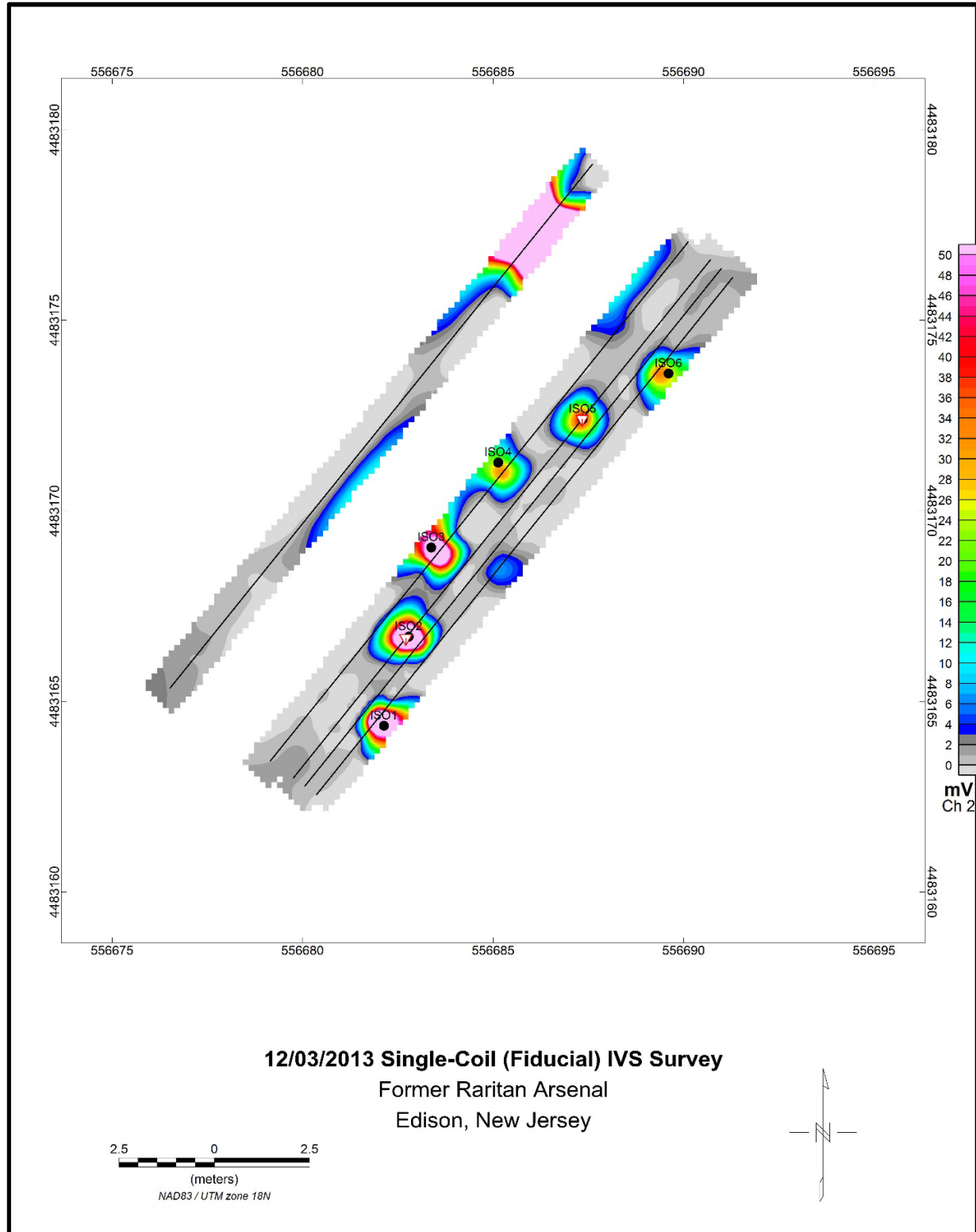
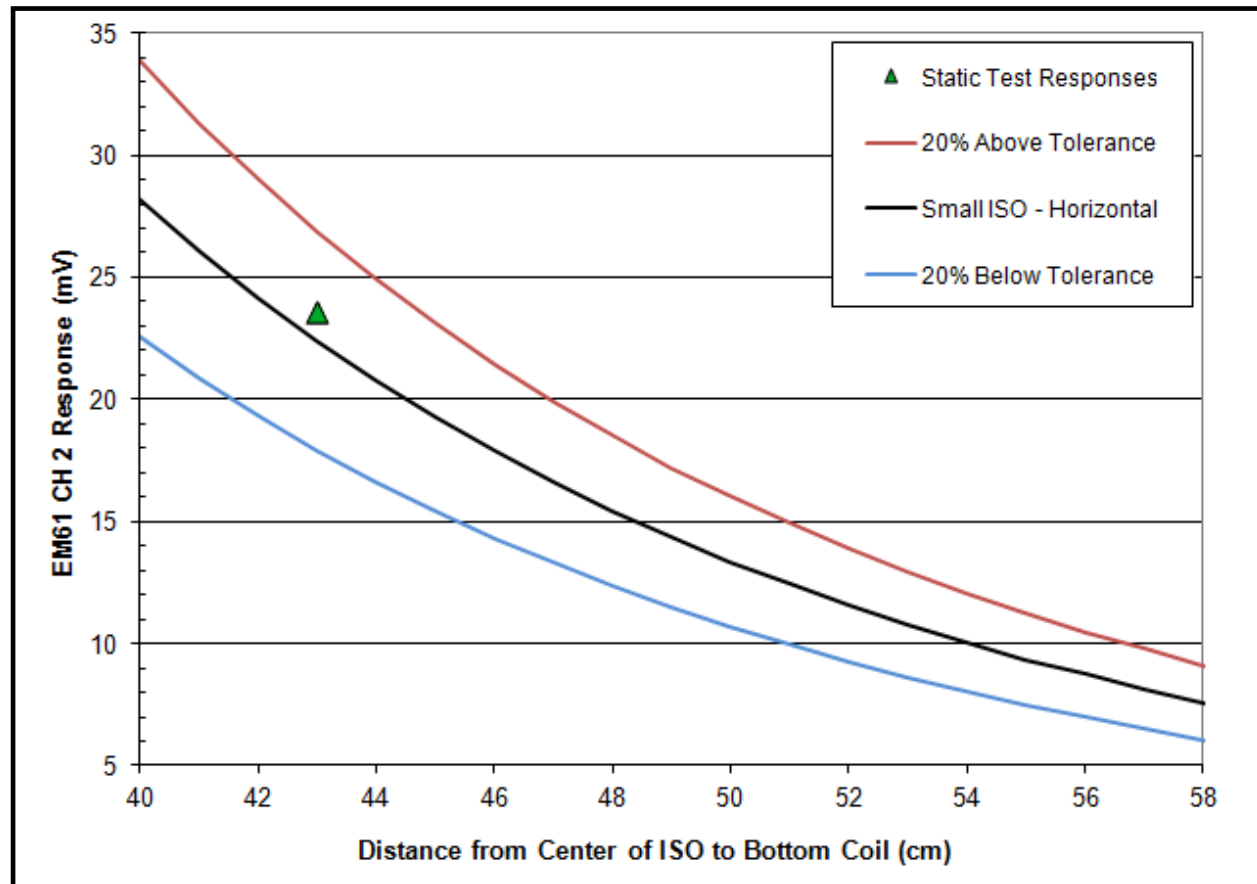


FIGURE 3-3

Person Portable (Fiducial Positioning) Static Test Results Compared to Predicted Small Horizontal ISO Response²

Notes: A small industry standard object mounted horizontally 43cm from the sensor coil is used as the test spike item.

3.2.1.2. The objective of repeatable (within 25%) daily IVS anomaly characteristics is difficult to quantify at the initial IVS survey without a standard set by previous DGM surveys over the IVS items. After several days of hindsight, however, the response values from the initial person-portable (with fiducial positioning) IVS survey can be compared to the average response of each IVS items, as shown in [Table 3-1](#).

TABLE 3-1

Person-Portable (Fiducial Positioning) IVS Seed Item Response Characteristics

IVS Item	Average Response (mV) ¹	Initial IVS Response (mV)	Difference from Average
ISO 2	86.8	91.2	5.1%
ISO 5	41.5	43.3	4.3%

Notes:¹ Average response of each IVS seed item over the course of the first week of person-portable IVS surveys

² Naval Research Laboratory, NRL/MR/6110--09-9183, *EM61-MK2 Response of Three Munitions Surrogates*, March 12, 2009.

3.2.2 Triple-Coil Towed Array EM61-MK2 with RTK-GPS Positioning

3.2.2.1 The IVS was surveyed on December 3, 2013, using the triple-coil towed array EM61-MK2 system with RTK-GPS positioning. The survey results are shown on [Figure 3-4](#) and described in the following section. The quantitative daily static test results are shown on [Figure 3-5](#).

FIGURE 3-4

Triple-Coil Towed Array EM61-MK2 (RTK-GPS Positioning) IVS Survey Results

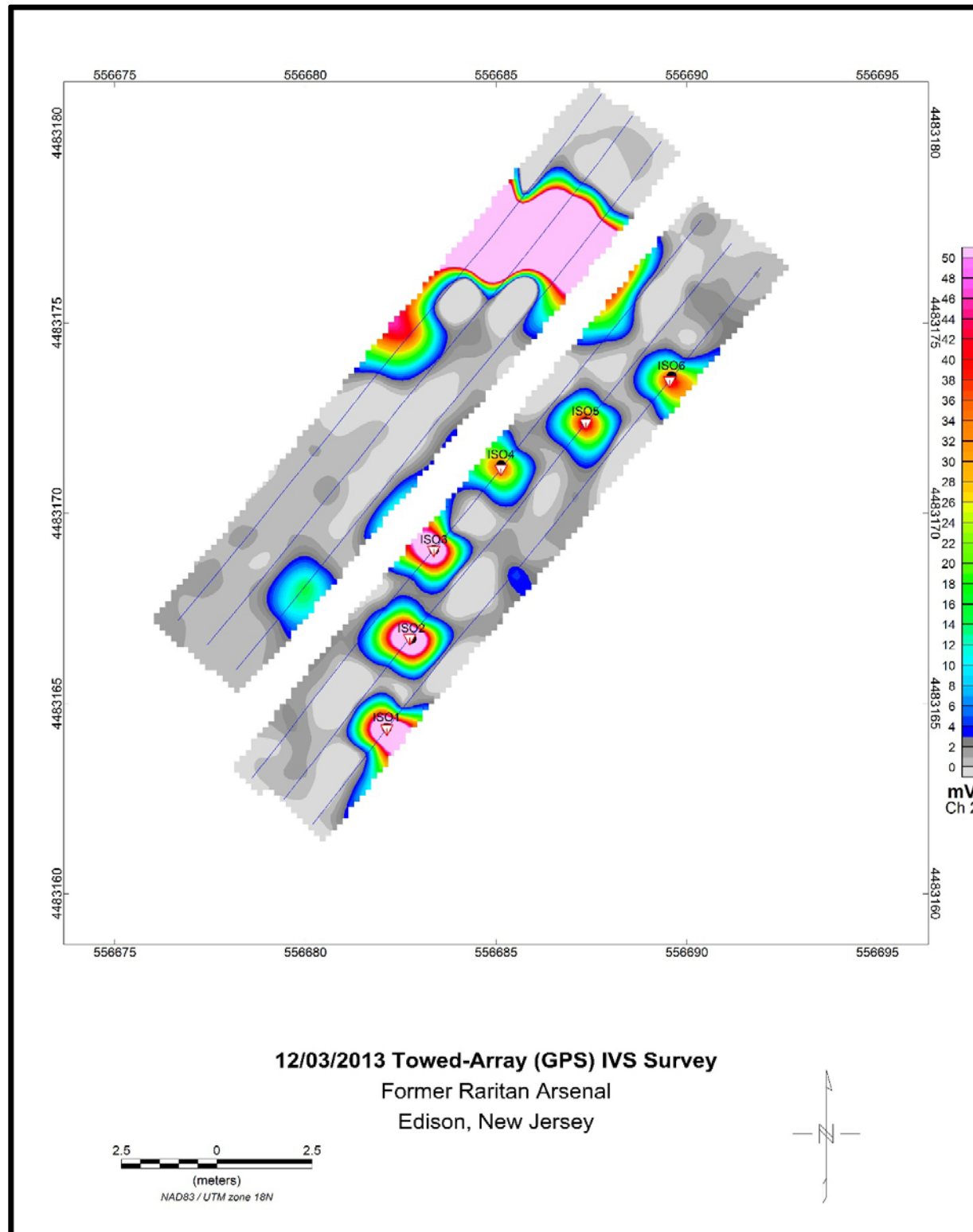
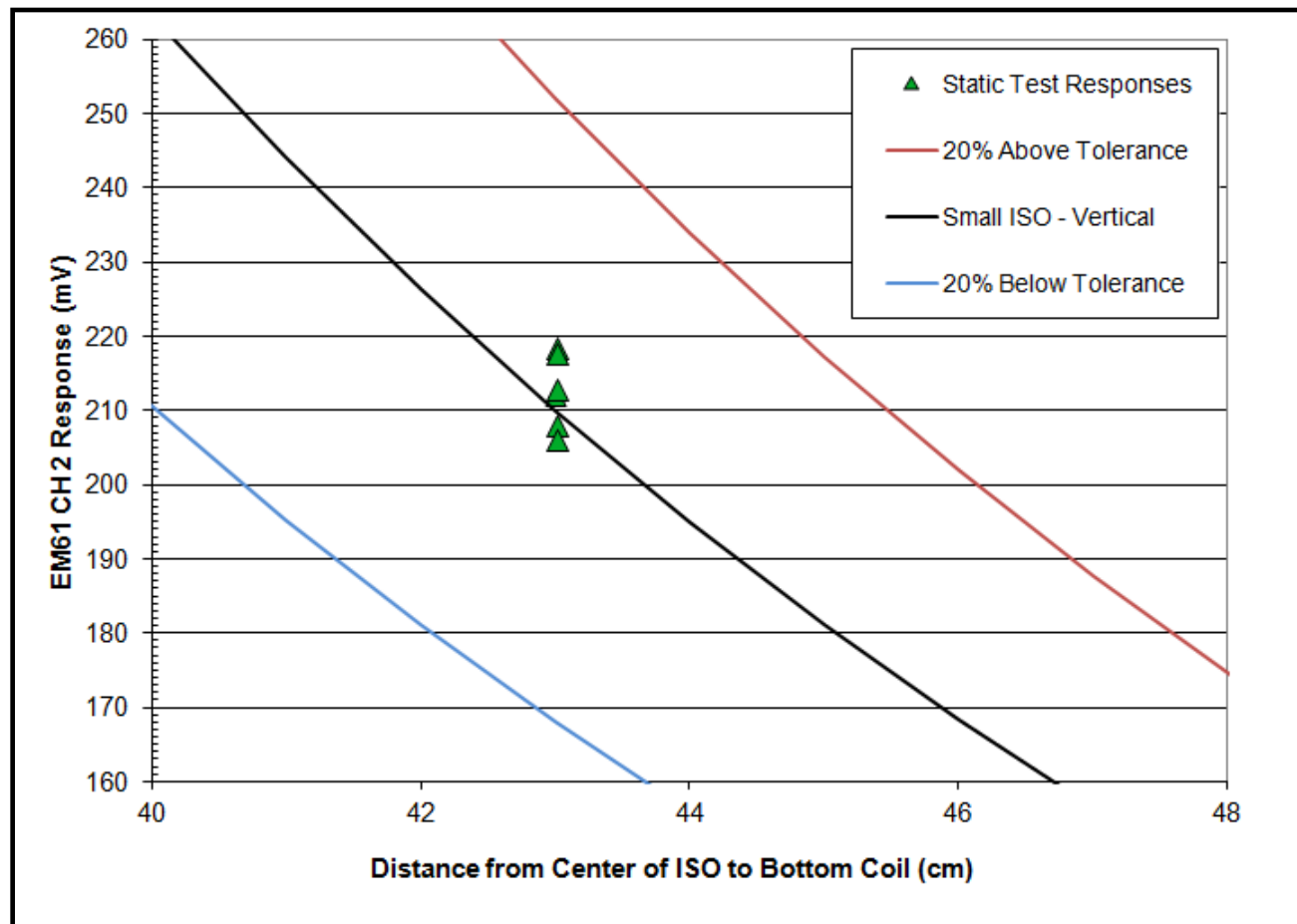


FIGURE 3-5

Towed Array (RTK-GPS Positioning) Static Test Results Compared to Predicted Small Horizontal ISO Response



Notes: A small industry standard object mounted horizontally 43cm from the sensor coil is used as the test spike item.

3.2.2.2 The objective of repeatable (within 25%) daily IVS anomaly characteristics is difficult to quantify at the initial IVS survey without a standard set by previous DGM surveys over the IVS items. After several days of hindsight, however, the response values from the initial towed-array IVS survey can be compared to the average response of each IVS items, as shown in [Table 3-2](#).

TABLE 3-2

Towed Array (RTK-GPS Positioning) IVS Seed Item Response Characteristics

IVS Item	Average Response (mV) ¹	Initial IVS Response (mV)	Difference from Average
ISO 1	100.4	97.6	2.8%
ISO 2	97.1	95.5	1.6%
ISO 3	83.4	79.3	4.9%
ISO 4	37.6	38.6	2.7%
ISO 5	48.9	48.3	1.2%
ISO 6	44.9	45.9	2.2%

Notes:¹ Average response of each IVS seed item over the course of the first week of person-portable IVS surveys

3.2.3 Single-Coil Person Portable EM61-MK2 with RTK-GPS Positioning

3.2.3.1 The IVS was surveyed on December 13, 2013, using the single-coil person-portable EM61-MK2 system with RTK-GPS positioning. The survey results are shown on [Figure 3-6](#) and described in the following section. The quantitative daily static test results are shown on [Figure 3-7](#).

FIGURE 3-6

Single-Coil Person Portable EM61-MK2 (RTK-GPS Positioning) IVS Survey Results

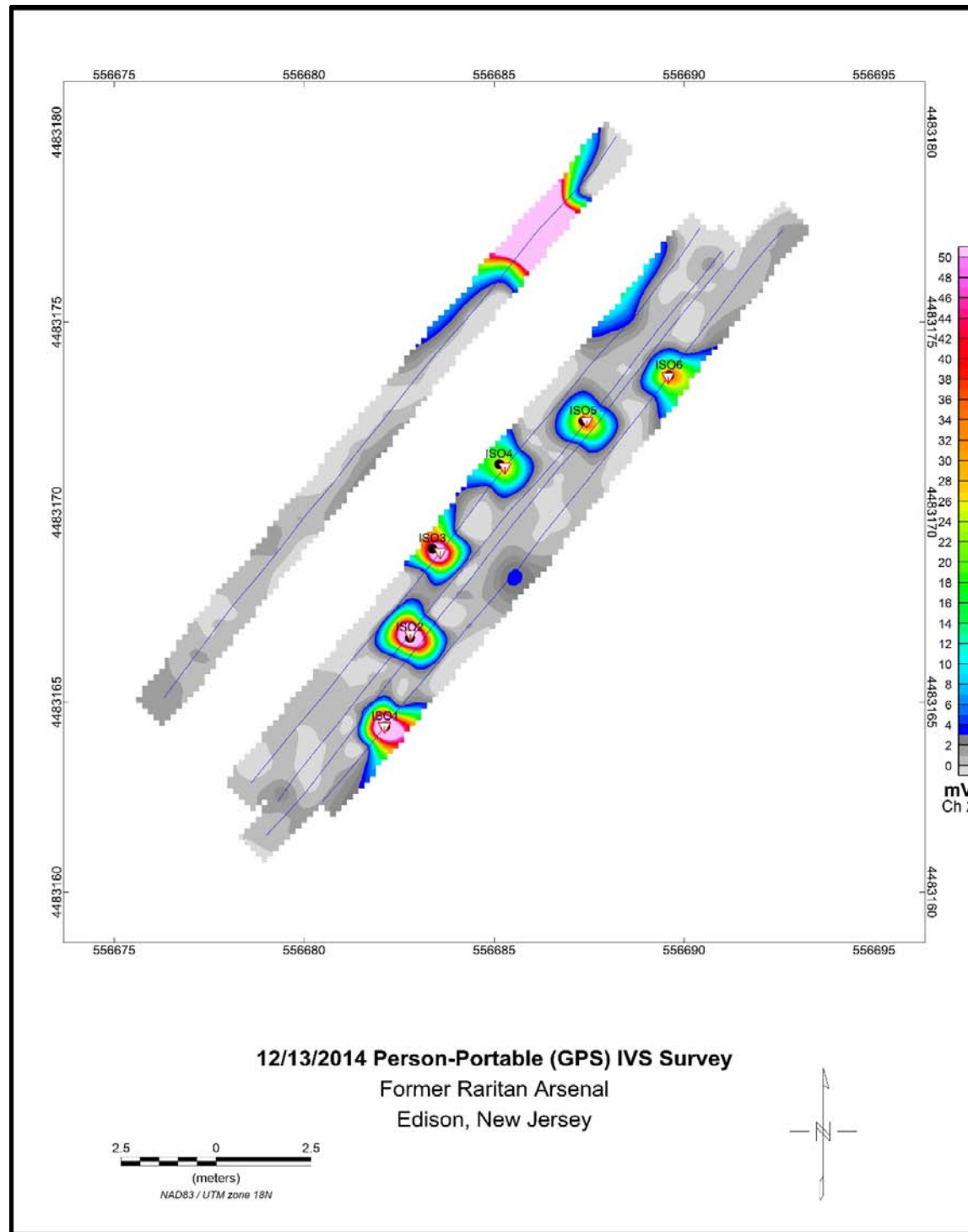
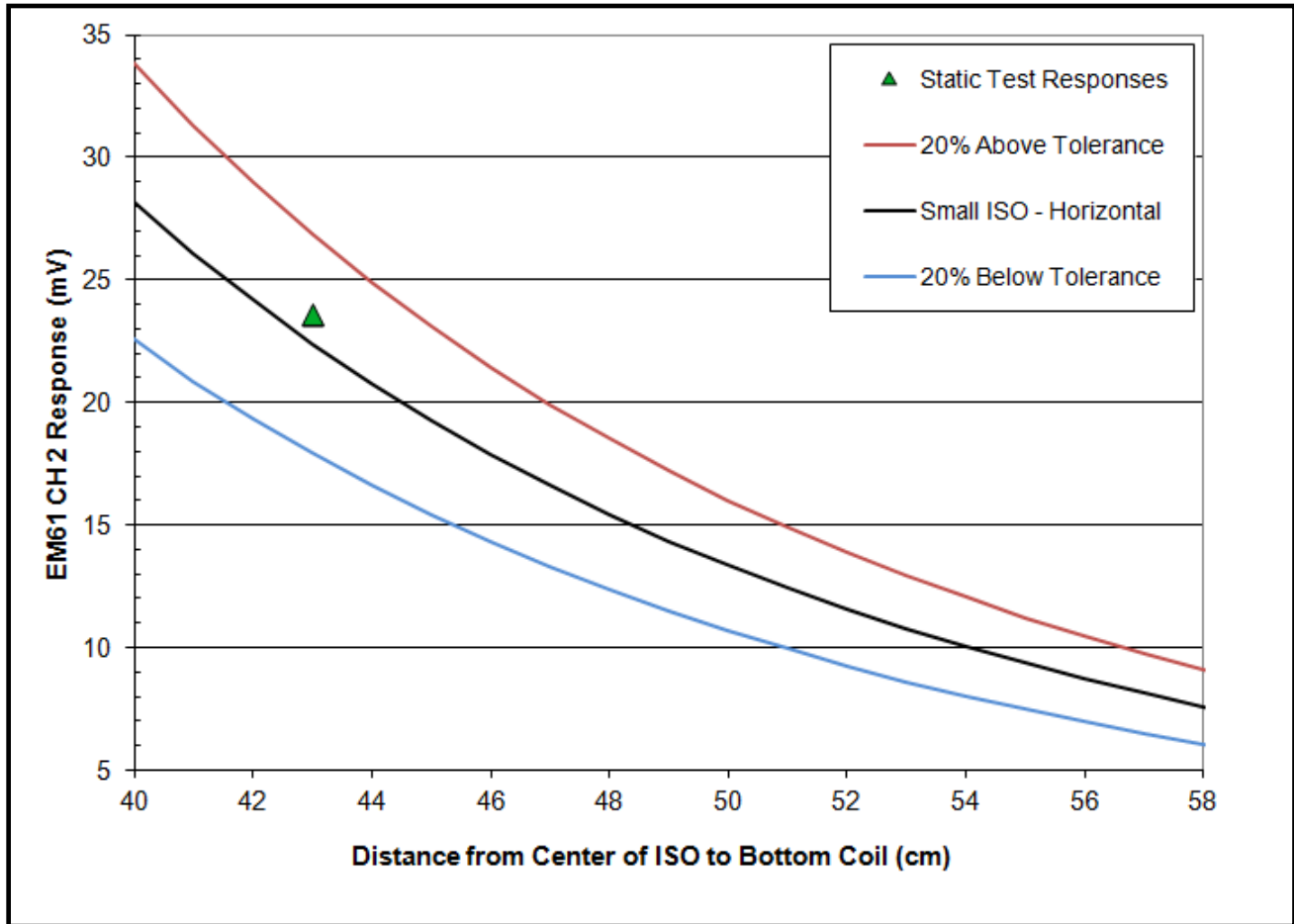


FIGURE 3-7

Person Portable (RTK-GPS Positioning) Static Test Results Compared to Predicted Small Horizontal ISO Response



Notes: A small industry standard object mounted horizontally 43cm from the sensor coil is used as the test spike item.

3.2.3.2 The response values from the initial person-portable (with RTK-GPS positioning) IVS survey are compared to the average response of each IVS item previously surveyed with the person-portable system, as shown in [Table 3-3](#).

TABLE 3-3

Person Portable (RTK-GPS Positioning) IVS Seed Item Response Characteristics

IVS Item	Average Response (mV) ¹	Initial IVS Response (mV)	Difference from Average
ISO 2	85.9	84.6	1.5%
ISO 5	39.9	39.2	1.8%

Notes:¹ Average response of each IVS seed item over the course of the first week of person-portable IVS surveys

SECTION 4

Quality Control and Measurement Quality objectives

4.0.1 All QC tests were performed as specified in the project work plan. No discrepancies were noted, and all data have been provided to the USACE Geophysicist. The measurement quality objects (MQOs), measurement performance criteria (MPC), and test methods established for the IVS are summarized in [Table 4-1](#) along with the MQO results.

TABLE 4-1
Measurement Quality Objectives and IVS Results

MQO	Measurement Performance Criteria	Test Method
General System Function		
DGM Systems Positioning. Accurate positioning information is provided to DGM system.	The positional error of the system at known locations will not exceed 10 cm (4 inches) when individual MEC items need to be located. When the objective of the survey is to delineate the extent of a trench (e.g. Area 18D) the positional error of the system at known locations will not exceed 1.5m (4.9 ft).	Results of QC Test #2 were evaluated for compliance. All positioning system test met the MPC.
Repeatability. Repeatable and accurate data are being obtained from DGM system.	Response to ISO will not vary more than ± 20 percent from known response for specific distance from sensors in static tests conducted at the beginning and end of each survey day. Response of repeat line is comparable to original line data (qualitative determination).	Results of QC Test #5 were evaluated quantitatively and compared to published response values for compliance. All static test results met the MPC.
DGM Surveys		
Downline Data Density. Downline data density is sufficient to detect MEC items.	Over 98 percent of possible sensor readings are captured along a survey transect with a spacing of no greater than 0.2 m (0.7 ft.) between points. A data gap greater than 0.6 m (2 ft.) will not meet the MQO.	Results of DGM surveys were quantitatively evaluated for compliance. All data was in compliance with the downline data density MQO.
Survey Coverage. Maintain appropriate line spacing to provide 100% coverage of accessible portions of the survey area.	Greater than 90% survey coverage at the project design line spacing of 0.75 m for EM61-MK2 comprehensive (full coverage) surveys. Lane spacing for transect surveys will not vary greater than 20% from intended spacing unless vegetation, terrain or other obstructions cause the separation.	Results of DGM surveys were quantitatively evaluated for compliance. All data was in compliance with the survey coverage MQO.
Dynamic Detection Repeatability.	Comprehensive terrestrial surveys: Repeat data is comparable to original data. The number of anomalies on the repeat segment will be within 20% of the original data. Transect surveys: IVS anomaly characteristics (peak response and size) are repeatable within 25%.	Comprehensive surveys: At least 2% of the survey area was repeated and evaluated for compliance. The IVS repeat data was comparable to the original data. Transect surveys: Daily IVS surveys will be evaluated for compliance.

SECTION 5

Conclusions

5.0.1 CH2M HILL constructed an IVS and performed IVS surveys to verify the functionality of three DGM systems to be used for surveys at the Former Raritan Arsenal. The systems were verified as functioning within industry standards and meeting project MQOs.

5.0.2 Based on the variations in EM61-MK2 response seen in the background IVS survey, on the known instrument responses to various munitions items, and to include anomalies potentially related to munitions components, as well as those representing fully intact munitions items expected at the site, a threshold of 4 millivolts in the second EM61-MK2 time gate was selected for anomaly identification. The following approach is planned:

- Utilize a baseline anomaly selection threshold of 4 mV on channel 2 of the EM61-MK2 provided each anomaly has good decay and profile shape³, removing noted surface metal items
- Re-evaluate and adjust selection criteria if background noise on any particular transect or area is higher than that observed in the IVS

³ While there are no absolute measures for good decay and profile shape, and the experience of the data processor is important in determining this, the general measures are that the amplitude of each subsequent channel (Channels 1 through 4) is less than the previous channel and the response falls off in a parabolic shape to either side of the anomaly.

Appendix F

Daily Reports

Appendix *F*, *Daily Reports*, is provided electronically on a separate DVD.

Appendix G

Anomaly Investigation Reports

Statistical Evaluation of Anomaly Selection for Intrusive Investigation at Dredge Spoil Area 1, Former Raritan Arsenal, Edison, New Jersey

PREPARED FOR: Dorothy Richards/USACE
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PREPARED BY: Andy Gascho/CH2M HILL

COPIES: David Nelson/CH2M HILL
Mark Callaghan/CH2M HILL
Tamir Klaff/CH2M HILL

DATE: January 03, 2014

ATTACHMENTS: Anomalies Selected for Intrusive Investigation

Introduction

This technical memorandum presents the digital geophysical mapping (DGM) survey data and results of the statistical analysis to determine the number and locations of the DGM anomalies to be intrusively investigated at Dredge Spoils Area (DSA) 1 as part of the Remedial Investigation at the Former Raritan Arsenal in Edison, New Jersey. CH2M HILL prepared this document under the Defense Environmental Restoration Program – Formerly Used Defense Sites program, for submittal to the U.S. Army Engineering and Support Center, Huntsville, Alabama, as part of Contract Number W912DY-09-D-0060, Task Order 003, and the U.S Army Corp of Engineers – New York and New England Districts.

The objective of the DGM was to characterize the extent of geophysical anomalies that may be indicative of munitions and explosives of concern (MEC) and material potentially presenting an explosive hazard (MPPPEH) at the site. The majority of the DGM survey was conducted along 3-meter wide transects nominally spaced at 80 meter intervals across the site. A small portion of the site was surveyed along 1-meter wide transects nominally spaced at 3 meter intervals to provide more detailed coverage in an area of potential pits to the southwest of the shipping facility parking lot.

The fieldwork was conducted in accordance with the *Remedial Investigation/Feasibility Study Work Plan for the Former Raritan Arsenal, Edison, New Jersey* (herein referred to as the Work Plan; CH2M HILL, 2013). Background information, site history, and the conceptual site model are also presented in the Work Plan.

Digital Geophysical Mapping

The DGM survey at DSA 1 was conducted on December 11 and December 12, 2013. A detailed description of all activities in support of the DGM survey will be presented in a Remedial Investigation report to be prepared after the anomaly intrusive investigation. DGM across the majority of the site was conducted using a vehicular towed array system consisting of 3 EM61-MK2 time domain electromagnetic induction detector coils mounted side by side and towed behind an ARGO utility task vehicle along transects nominally spaced at 80 meter intervals. DGM in the potential pit area was conducted using a single person-portable EM61-MK2 along transects nominally spaced at 3 meter intervals. Positioning was accomplished using a real-time kinematic global positioning system.

The eastern end of Transect 3 was shifted to the south to avoid collecting DGM data over railroad tracks. Data could not be collected over approximately 100 meters near the eastern end of Transect 6 due to a large berm that

did not allow the safe passage of the DGM system or over a 15-meter section in the center of Transect 6 where a canal crossed the survey path (Figure 1).

The geophysical anomaly identification approach is described in the Work Plan. To include anomalies potentially related to munitions components, as well as those representing fully intact munitions items expected at the site, a threshold of 3 millivolts in the second EM61-MK2 time gate was selected for anomaly identification. A total of 441 point-source anomalies were identified along the DGM transects and are depicted on Figure 1. Two identified anomalies were related to quality control (QC) seed items, with 439 anomalies with unknown metallic sources that could potentially be MEC or MPPEH in the subsurface.

The geostatistical density mapping tool in Visual Sample Plan was utilized to extrapolate the anomaly density across DSA 1 based on the locations of the DGM transects and the anomalies identified along those transects. The results of the density mapping are shown on Figure 2. In general, anomaly density is low across the site, with the exception of the area surrounding the shipping facility parking lot and railroad tracks, where higher anomaly concentrations are observed, some of which may be related to underground utilities. Smaller pockets of higher anomaly density are scattered throughout the site. The random sampling approach described below draws a statistically representative selection of anomalies from both higher density and lower density areas. The distribution and density of anomalies will be considered, along with the intrusive investigation results, in the analysis of the nature and extent of MEC contamination at DSA 1.

FIGURE 1
DSA 1 DGM Anomalies



100 0 100
(meters)
NAD83 / UTM zone 18N

DSA 1 DGM Anomalies
Former Raritan Arsenal
Edison, New Jersey

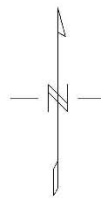
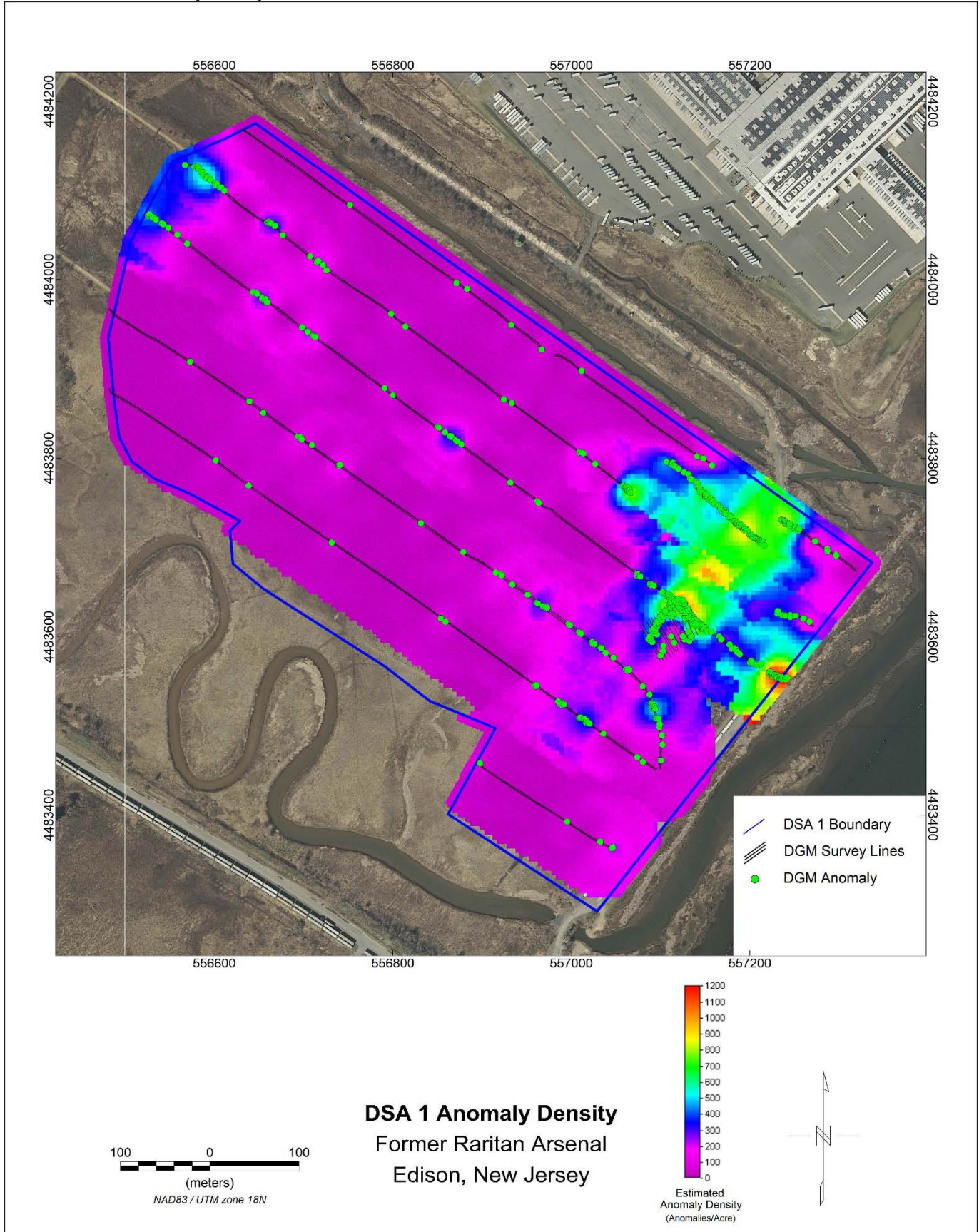


FIGURE 2
DSA 1 Estimated Anomaly Density



Statistical Selection of DGM Anomalies for Intrusive Investigation

To determine if the identified DGM anomalies are related to munitions items, a statistically representative subset of the identified anomalies must be intrusively investigated. The Estimating a Proportion method, described below, was used to calculate the number of randomly selected DGM anomalies that should be intrusively excavated to estimate, with a 95 percent confidence level and ± 5 percent sampling error, the proportion of munitions-related to non-munitions-related items within the population of anomalies detected along the DGM transects.

Estimating a Proportion Method

When a population size is large or unknown, the necessary sample size of DGM anomalies to be intrusively investigated can be estimated using the following statistical sample size formula:

$$n_0 = \frac{Z_{\alpha}^2 pq}{e^2}$$

Z_{α}	=	desired confidence level
p	=	proportion of DGM anomalies classified as munitions-related
q	=	proportion of DGM anomalies classified as non-munitions-related ($q = 1-p$)
e	=	acceptable margin of error for proportion being estimated
n_0	=	statistical sample size for a large population

To conservatively estimate the variance of proportional variables (i.e., munitions-related or non-munitions-related), pq (in the equation above), a population proportion of 50 percent ($p=0.5$) was estimated to maximize the variance, and subsequently maximize the sample size. Using a z-statistic for a 95 percent confidence level ($Z_{\alpha}=1.96$) and a margin of error of 5 percent ($e=0.05$), the solution for n_0 becomes:

$$n_0 = \frac{Z_{\alpha}^2 pq}{e^2} = \frac{1.96^2 (0.5)(0.5)}{0.05^2} = 384$$

A maximum of 384 randomly selected DGM anomalies was estimated for classifying, with 95 percent confidence level and ± 5 percent sampling error, the proportion of munitions-related to non-munitions-related DGM anomalies in a large or unknown population.

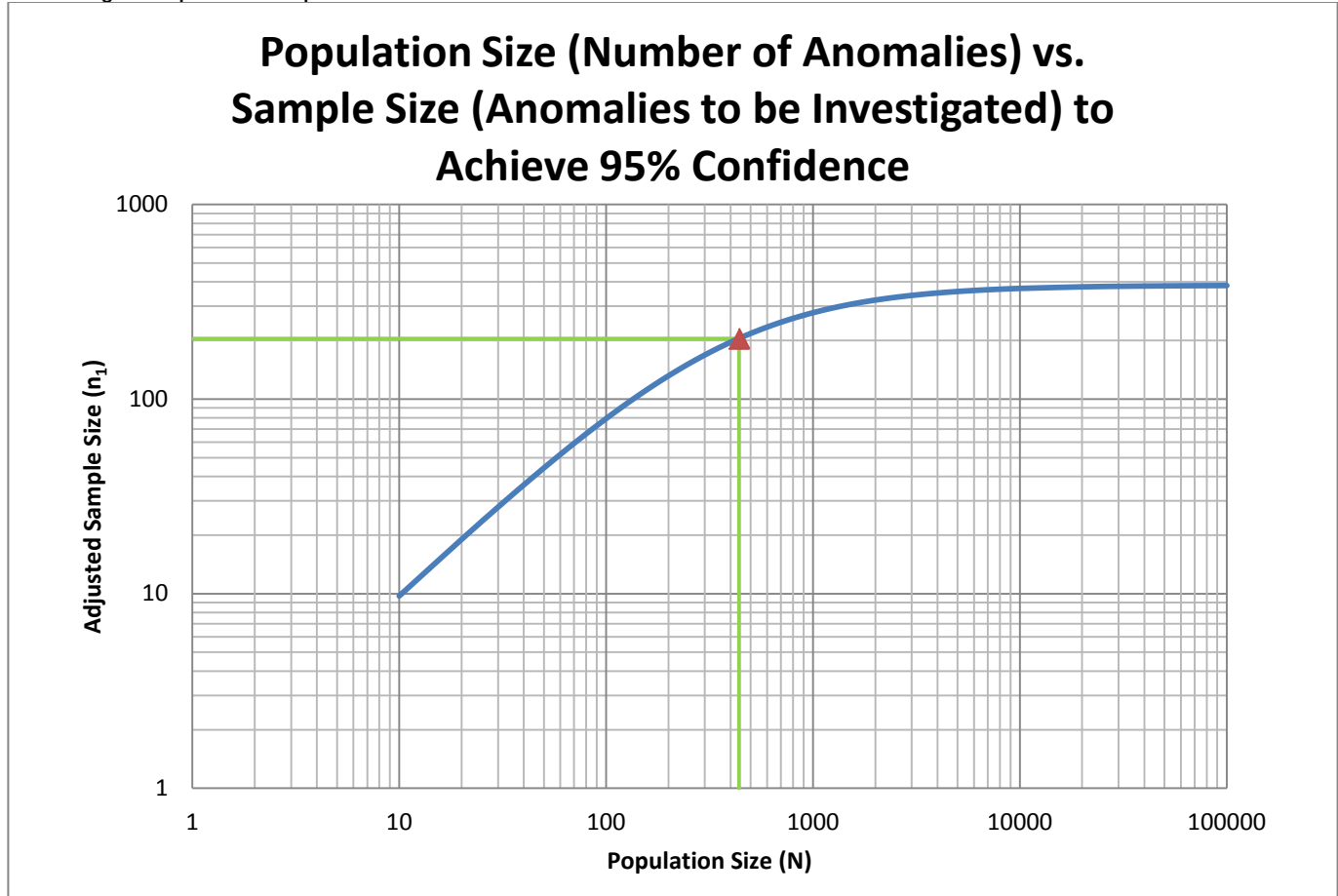
Following the estimation of the population size above, the following finite (known) population correction was used to reduce the number of anomalies required to obtain the same confidence level:

$$n_1 = \frac{n_0}{1 + \left(\frac{n_0}{N} \right)}$$

n_1 = adjusted statistical sample size for a finite population
 n_0 = statistical sample size for a large population
 N = size of the population (number of DGM anomalies)

The results of this calculation for various population sizes at a 95 percent confidence level are shown on [Figure 3](#).

FIGURE 3
Estimating a Proportion Sample Size

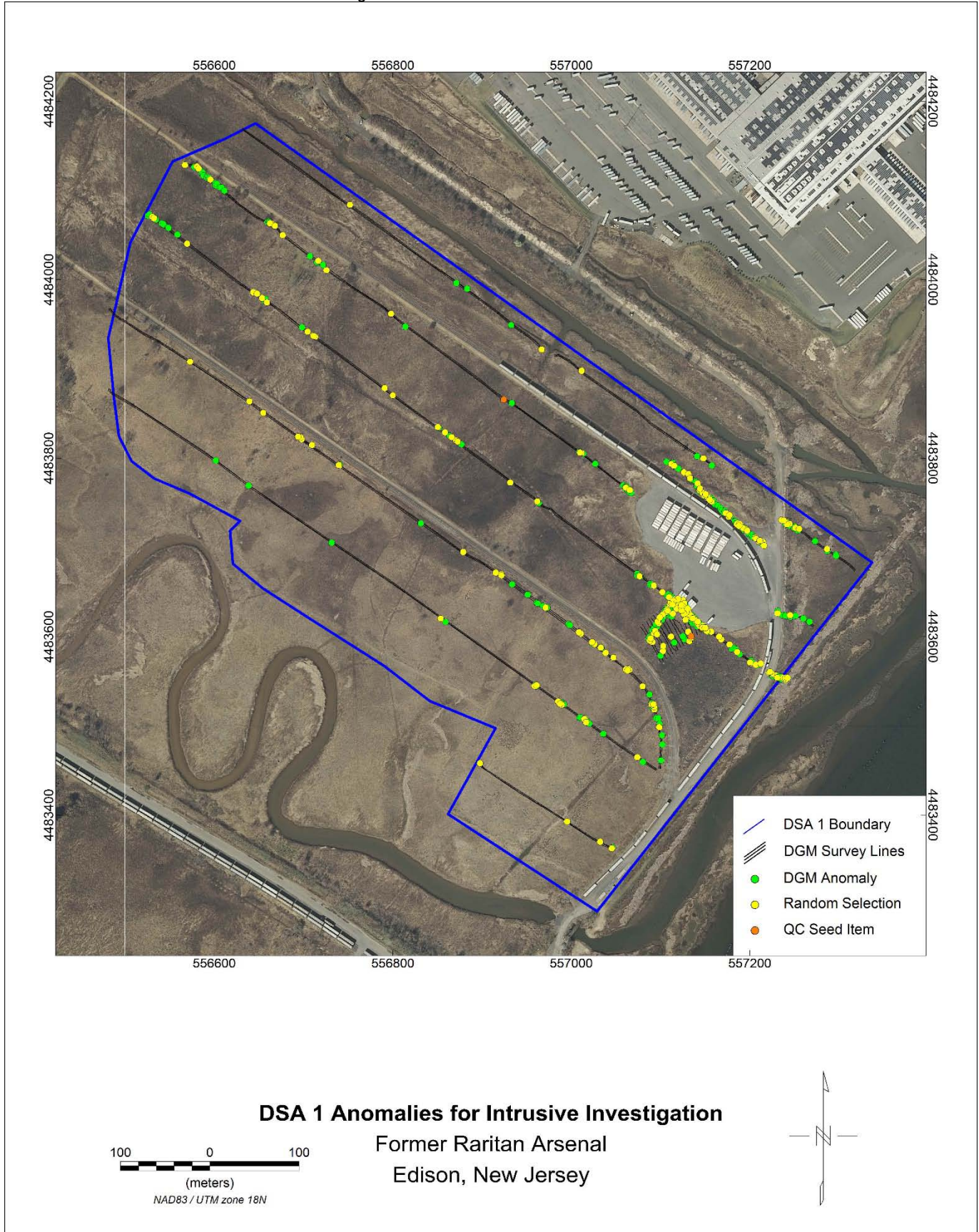


The finite population correction equation used a random number selector process and excluded the anomaly related to the QC seed item. This means that of the 441 anomalies identified along the DGM transects, 439 anomalies were used as the population size ("N" in the equation) to calculate the finite population correction:

$$n_1 = \frac{n_0}{1 + \left(\frac{n_0}{N}\right)} = \frac{384}{1 + \frac{384}{439}} = 204.83$$

The result shows that intrusively investigating 205 anomalies will provide a statistically-derived estimate of the distribution of munitions-related to non-munitions-related items present among the anomalies identified along the DGM transects at 95 percent confidence level and within ± 5 percent sampling error. Adding in the anomalies related to the QC seed items resulted in a total of 207 anomalies for intrusive investigation. The randomly-selected anomalies are shown on [Figure 4](#).

FIGURE 4
DSA 1 Anomalies Selected for Intrusive Investigation



Conclusion

A total of 439 anomalies potentially representing MEC/MPPEH were identified from the DGM survey along the transects at DSA 1. To determine if the DGM anomalies are related to munitions items, a statistically representative subset of the identified anomalies must be intrusively investigated. Based on the statistical assessment performed, 205 of the 439 anomalies should be intrusively investigated to confirm if the anomalies are related to MEC/MPPEH. With the addition of 2 anomalies related to QC seed items, a total of 207 anomalies have been proposed for intrusive investigation. The unique anomaly identification coordinates, and amplitude of each anomaly selected for intrusive investigation is presented as [Attachment A](#).

References

CH2M HILL. 2013. *Remedial Investigation/Feasibility Study Work Plan for the Former Raritan Arsenal, Edison, New Jersey*.

Attachment A

# of Anomalies	Anomaly ID	X*	Y*	Amplitude (mV)	Selection Method
1	TDSA1-1-00001	556897.80	4483458.00	4.8	Random
2	TDSA1-1-00002	556995.45	4483392.60	7.8	Random
3	TDSA1-1-00003	557032.50	4483369.95	5.2	Random
4	TDSA1-1-00004	557045.55	4483362.75	19.4	Random
5	TDSA1-2-00005	556853.85	4483620.30	4.8	Random
6	TDSA1-2-00007	556959.00	4483544.55	8.9	Random
7	TDSA1-2-00010	556961.10	4483545.45	11.0	Random
8	TDSA1-2-00011	556985.44	4483527.28	23.5	Random
9	TDSA1-2-00012	556987.65	4483524.60	32.6	Random
10	TDSA1-2-00013	556989.51	4483523.57	149.8	Random
11	TDSA1-2-00019	557014.80	4483507.65	10.6	Random
12	TDSA1-2-00020	557016.75	4483503.90	7.5	Random
13	TDSA1-2-00025	557074.05	4483464.75	7.5	Random
14	TDSA1-3-00001	556573.05	4483908.00	96.7	Random
15	TDSA1-3-00003	556639.52	4483863.39	5.4	Random
16	TDSA1-3-00004	556654.95	4483850.70	4.3	Random
17	TDSA1-3-00005	556694.10	4483824.00	6.6	Random
18	TDSA1-3-00006	556696.65	4483823.25	16.1	Random
19	TDSA1-3-00007	556698.00	4483821.15	21.8	Random
20	TDSA1-3-00008	556709.55	4483814.55	23.7	Random
21	TDSA1-3-00010	556739.55	4483792.20	12.5	Random
22	TDSA1-3-00011	556740.30	4483791.60	26.8	Random
23	TDSA1-3-00015	556879.05	4483694.70	17.0	Random
24	TDSA1-3-00018	556915.50	4483671.60	6.6	Random
25	TDSA1-3-00019	556921.71	4483669.67	45.8	Random
26	TDSA1-3-00020	556921.80	4483668.45	23.3	Random
27	TDSA1-3-00028	556971.30	4483632.45	11.3	Random
28	TDSA1-3-00032	557008.65	4483604.85	15.5	Random
29	TDSA1-3-00033	557009.25	4483604.40	17.5	Random
30	TDSA1-3-00034	557010.75	4483603.35	5.3	Random
31	TDSA1-3-00035	557023.33	4483593.80	6.1	Random
32	TDSA1-3-00037	557026.08	4483591.57	5.2	Random
33	TDSA1-3-00038	557033.10	4483587.60	6.1	Random
34	TDSA1-3-00040	557038.65	4483581.75	21.5	Random
35	TDSA1-3-00041	557047.35	4483576.35	9.7	Random
36	TDSA1-3-00042	557061.25	4483563.17	5.5	Random
37	TDSA1-3-00043	557063.12	4483562.03	11.6	Random
38	TDSA1-3-00044	557063.55	4483563.90	17.8	Random
39	TDSA1-3-00045	557065.20	4483562.70	19.5	Random
40	TDSA1-3-00046	557080.05	4483544.25	4.7	Random
41	TDSA1-3-00048	557090.04	4483523.88	11.1	Random
42	TDSA1-3-00052	557092.08	4483524.15	47.7	Random
43	TDSA1-3-00053	557093.25	4483518.45	5.4	Random

# of Anomalies	Anomaly ID	X*	Y*	Amplitude (mV)	Selection Method
44	TDSA1-3-00054	557093.25	4483521.30	4503.5	Random
45	TDSA1-3-00058	557098.65	4483498.50	5.7	Random
46	TDSA1-4-00003	556530.60	4484070.30	5.3	Random
47	TDSA1-4-00004	556532.70	4484068.80	5.0	Random
48	TDSA1-4-00011	556569.75	4484040.15	4.6	Random
49	TDSA1-4-00012	556643.70	4483985.70	4.5	Random
50	TDSA1-4-00013	556648.20	4483984.20	4.7	Random
51	TDSA1-4-00014	556653.75	4483979.25	9.8	Random
52	TDSA1-4-00017	556659.15	4483974.45	12.0	Random
53	TDSA1-4-00019	556704.75	4483941.60	4.3	Random
54	TDSA1-4-00020	556710.81	4483937.17	5.1	Random
55	TDSA1-4-00021	556711.80	4483936.65	6.5	Random
56	TDSA1-4-00022	556713.15	4483935.90	6.3	Random
57	TDSA1-4-00023	556791.00	4483878.45	4.6	Random
58	TDSA1-4-00024	556800.15	4483870.35	304.7	Random
59	TDSA1-4-00027	556850.70	4483834.80	4.2	Random
60	TDSA1-4-00032	556858.65	4483828.80	6.1	Random
61	TDSA1-4-00034	556866.00	4483823.40	7.9	Random
62	TDSA1-4-00036	556871.10	4483819.65	5.2	Random
63	TDSA1-4-00038	556872.90	4483818.45	6.7	Random
64	TDSA1-4-00040	556931.70	4483772.55	10.1	Random
65	TDSA1-4-00041	556962.01	4483751.40	10.8	Random
66	TDSA1-4-00047	557076.60	4483667.55	15.0	Random
67	TDSA1-4-00052	557092.70	4483657.13	9.6	Random
68	TDSA1-4-00053	557102.25	4483649.70	5.6	Random
69	TDSA1-4-00057	557109.72	4483644.20	33.4	Random
70	TDSA1-4-00062	557114.55	4483639.95	320.0	Random
71	TDSA1-4-00063	557115.53	4483641.65	49.7	Random
72	TDSA1-4-00065	557119.80	4483638.15	82.3	Random
73	TDSA1-4-00068	557123.07	4483633.35	28.2	Random
74	TDSA1-4-00069	557123.46	4483635.24	5.4	Random
75	TDSA1-4-00071	557126.25	4483632.75	51.7	Random
76	TDSA1-4-00074	557129.25	4483628.55	551.1	Random
77	TDSA1-4-00078	557134.20	4483623.45	87.3	Random
78	TDSA1-4-00080	557136.00	4483621.35	400.9	Random
79	TDSA1-4-00081	557136.15	4483620.30	251.3	Random
80	TDSA1-4-00084	557138.55	4483618.80	413.0	Random
81	TDSA1-4-00086	557141.74	4483616.75	165.0	Random
82	TDSA1-4-00087	557141.85	4483613.85	244.7	Random
83	TDSA1-4-00088	557141.91	4483615.15	221.6	Random
84	TDSA1-4-00091	557144.43	4483611.57	15.8	Random
85	TDSA1-4-00094	557146.95	4483609.95	28.2	Random
86	TDSA1-4-00095	557147.25	4483612.05	2692.9	Random

# of Anomalies	Anomaly ID	X*	Y*	Amplitude (mV)	Selection Method
87	TDSA1-4-00097	557150.10	4483609.80	143.6	Random
88	TDSA1-4-00098	557151.90	4483606.20	7.3	Random
89	TDSA1-4-00100	557156.85	4483605.45	9.4	Random
90	TDSA1-4-00101	557165.70	4483599.90	4.7	Random
91	TDSA1-4-00103	557168.10	4483596.93	7.5	Random
92	TDSA1-4-00104	557177.40	4483591.13	5.1	Random
93	TDSA1-4-00108	557185.95	4483582.65	4.6	Random
94	TDSA1-4-00110	557200.50	4483570.95	41.2	Random
95	TDSA1-4-00113	557206.80	4483568.40	6.3	Random
96	TDSA1-4-00115	557212.41	4483569.73	137.8	Random
97	TDSA1-4-00116	557221.66	4483559.65	470.6	Random
98	TDSA1-4-00117	557222.74	4483560.36	280.8	Random
99	TDSA1-4-00119	557224.75	4483558.39	62.8	Random
100	TDSA1-4-00122	557228.15	4483556.82	13.8	Random
101	TDSA1-4-00125	557230.95	4483554.00	8.1	Random
102	TDSA1-4-00131	557237.12	4483553.71	43.0	Random
103	TDSA1-4-00132	557239.80	4483553.55	54.7	Random
104	TDSA1-4-00133	557240.23	4483551.85	72.5	Random
105	TDSA1-4-00134	557242.35	4483553.70	48.3	Random
106	TDSA1-5-00001	556567.35	4484128.35	4.7	Random
107	TDSA1-5-00003	556580.70	4484126.70	26.8	Random
108	TDSA1-5-00005	556582.20	4484125.35	14.3	Random
109	TDSA1-5-00006	556582.73	4484124.49	13.8	Random
110	TDSA1-5-00014	556595.85	4484112.15	8.2	Random
111	TDSA1-5-00025	556662.59	4484063.09	83.1	Random
112	TDSA1-5-00026	556663.92	4484063.00	158.3	Random
113	TDSA1-5-00027	556668.15	4484060.25	4.1	Random
114	TDSA1-5-00028	556676.81	4484049.75	6.0	Random
115	TDSA1-5-00031	556716.60	4484021.10	68.9	Random
116	TDSA1-5-00033	556725.90	4484010.60	4.4	Random
117	TDSA1-5-00034	556798.20	4483961.70	5.6	Random
118	TDSA1-5-00037	556924.65	4483865.70	48.5	QC Seed
119	TDSA1-5-00040	557010.00	4483806.15	5.7	Random
120	TDSA1-5-00041	557011.80	4483806.00	4.7	Random
121	TDSA1-5-00047	557061.15	4483766.85	747.9	Random
122	TDSA1-5-00054	557065.65	4483764.15	1716.5	Random
123	TDSA1-5-00056	557231.10	4483626.00	316.1	Random
124	TDSA1-5-00060	557245.20	4483623.90	519.0	Random
125	TDSA1-6-00001	556752.15	4484083.80	8.4	Random
126	TDSA1-6-00008	556966.93	4483921.73	4.1	Random
127	TDSA1-6-00010	557011.65	4483897.80	6.7	Random
128	TDSA1-6-00016	557112.30	4483793.40	17.5	Random
129	TDSA1-6-00018	557115.30	4483791.30	40.0	Random

# of Anomalies	Anomaly ID	X*	Y*	Amplitude (mV)	Selection Method
130	TDSA1-6-00021	557126.25	4483784.09	66.7	Random
131	TDSA1-6-00022	557131.35	4483782.15	5.4	Random
132	TDSA1-6-00023	557133.15	4483777.35	157.2	Random
133	TDSA1-6-00028	557141.70	4483771.65	4.2	Random
134	TDSA1-6-00030	557143.58	4483764.40	9.8	Random
135	TDSA1-6-00032	557144.25	4483765.80	40.2	Random
136	TDSA1-6-00034	557147.10	4483761.15	98.0	Random
137	TDSA1-6-00035	557148.15	4483799.70	24.0	Random
138	TDSA1-6-00036	557149.35	4483758.00	42.0	Random
139	TDSA1-6-00038	557150.70	4483759.50	110.7	Random
140	TDSA1-6-00039	557152.50	4483756.80	27.1	Random
141	TDSA1-6-00040	557155.20	4483753.35	47.7	Random
142	TDSA1-6-00042	557157.45	4483751.40	5.1	Random
143	TDSA1-6-00051	557173.20	4483738.35	4.9	Random
144	TDSA1-6-00052	557176.64	4483734.08	17.0	Random
145	TDSA1-6-00053	557177.40	4483735.95	9.2	Random
146	TDSA1-6-00057	557185.65	4483726.05	10.8	Random
147	TDSA1-6-00058	557186.55	4483726.80	33.6	Random
148	TDSA1-6-00059	557187.00	4483724.85	8.5	Random
149	TDSA1-6-00060	557187.96	4483724.05	4.6	Random
150	TDSA1-6-00061	557188.80	4483726.05	24.5	Random
151	TDSA1-6-00063	557190.45	4483724.55	8.4	Random
152	TDSA1-6-00064	557192.40	4483721.55	4.2	Random
153	TDSA1-6-00068	557196.05	4483719.87	6.3	Random
154	TDSA1-6-00069	557197.16	4483718.65	13.8	Random
155	TDSA1-6-00075	557206.20	4483710.75	33.1	Random
156	TDSA1-6-00076	557207.04	4483709.76	26.7	Random
157	TDSA1-6-00078	557210.10	4483706.70	29.5	Random
158	TDSA1-6-00079	557211.30	4483707.48	29.7	Random
159	TDSA1-6-00082	557214.90	4483705.80	8.0	Random
160	TDSA1-6-00083	557216.01	4483701.93	18.8	Random
161	TDSA1-6-00084	557235.62	4483730.58	107.4	Random
162	TDSA1-6-00085	557238.15	4483730.10	16.9	Random
163	TDSA1-6-00086	557239.35	4483729.12	5.5	Random
164	TDSA1-6-00087	557239.87	4483728.38	4.9	Random
165	TDSA1-6-00089	557241.75	4483725.75	12.1	Random
166	TDSA1-6-00092	557244.60	4483726.20	320.5	Random
167	TDSA1-6-00095	557251.20	4483721.85	10.5	Random
168	TDSA1-6-00098	557255.40	4483720.65	5.4	Random
169	TDSA1-6-00100	557286.60	4483698.00	34.9	Random
170	T3DSA1-1-00001	557088.02	4483595.60	874.5	Random
171	T3DSA1-2-00002	557090.84	4483593.98	6.1	Random
172	T3DSA1-2-00003	557088.93	4483597.96	1025.2	Random

# of Anomalies	Anomaly ID	X*	Y*	Amplitude (mV)	Selection Method
173	T3DSA1-3-00001	557102.85	4483583.84	5.4	Random
174	T3DSA1-3-00002	557092.61	4483603.88	1294.6	Random
175	T3DSA1-4-00001	557103.12	4483589.29	5.3	Random
176	T3DSA1-4-00002	557096.17	4483602.55	15.3	Random
177	T3DSA1-4-00003	557094.18	4483606.26	1775.0	Random
178	T3DSA1-6-00001	557098.12	4483614.86	1767.5	Random
179	T3DSA1-6-00003	557096.81	4483616.77	2509.7	Random
180	T3DSA1-7-00002	557111.88	4483599.91	4.5	Random
181	T3DSA1-7-00004	557099.32	4483621.50	3771.9	Random
182	T3DSA1-8-00002	557102.09	4483624.28	4810.0	Random
183	T3DSA1-9-00001	557105.73	4483627.19	5204.4	Random
184	T3DSA1-10-00004	557108.36	4483628.83	2572.3	Random
185	T3DSA1-10-00005	557107.42	4483630.21	3658.1	Random
186	T3DSA1-11-00001	557132.40	4483594.93	8.6	Random
187	T3DSA1-11-00003	557113.96	4483625.60	4.7	Random
188	T3DSA1-11-00006	557110.60	4483636.21	377.8	Random
189	T3DSA1-12-00001	557134.42	4483598.56	5.8	Random
190	T3DSA1-12-00002	557134.08	4483600.22	20.3	QC Seed
191	T3DSA1-12-00003	557131.08	4483605.27	11.4	Random
192	T3DSA1-12-00004	557128.10	4483618.80	61.7	Random
193	T3DSA1-12-00006	557126.39	4483625.18	11.2	Random
194	T3DSA1-12-00008	557123.65	4483629.29	920.7	Random
195	T3DSA1-12-00010	557118.08	4483631.28	26.7	Random
196	T3DSA1-12-00012	557113.42	4483635.87	490.3	Random
197	T3DSA1-12-00013	557111.42	4483638.71	166.8	Random
198	T3DSA1-13-00001	557128.54	4483620.35	45.4	Random
199	T3DSA1-13-00002	557121.59	4483632.12	6.7	Random
200	T3DSA1-13-00003	557119.92	4483634.53	7.2	Random
201	T3DSA1-14-00005	557131.74	4483621.74	156.7	Random
202	T3DSA1-14-00007	557128.66	4483627.47	35.7	Random
203	T3DSA1-14-00009	557119.78	4483642.18	4.3	Random
204	T3DSA1-15-00003	557131.68	4483629.24	5.6	Random
205	T3DSA1-15-00004	557130.59	4483631.24	147.6	Random
206	T3DSA1-15-00006	557126.80	4483637.24	9.7	Random
207	T3DSA1-15-00008	557125.26	4483640.79	47.9	Random

* All coordinates reported in NAD83, UTM Zone 18N, meters

Form 4-12 NONCONFORMANCE REPORT

PROJECT:	NCR No.	Date: 02/12/14
To: NAEVA	001	Page 1
ORIGINAL—Please return to CH2M HILL		
Item: Noise in geophysical data provided by CH2M HILL Subcontractor, NAEVA Geophysics		
Work Plan Reference : GIP (Appendix F of Work Plan) and QC documentation in MRSIMS. Requirement: Subcontractor is to review their data and ensure that all QC tests have been performed and passed and the data quality is acceptable.		
Nonconformance: Subcontractor failed to compare AM and PM Instrument Verification Strip tests and notice that their towed array system was exhibiting noise in some of the surveys. This indicator should have prompted them to understand that their system had an intrinsic noise issue and led them to investigate the quality of the data being collected. A review of the data from the transects collected across the site using the towed array system shows similar noise to that shown in the IVS. All of the towed array data are of questionable quality and must be recollected. Some of the data may be usable for the objectives of particular areas but repeated data collection is required to evaluate this possibility. It is unclear from the existing IVS data and transects data where the system was functioning appropriately.		
Issued by:	Name:	Title:
Tamir Klaff		Project Geophysicist
		Organization:
		CH2M HILL
Date: 2/12/14		
Disposition: <input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject		
Details		
APPROVED FOR CLOSURE WITHOUT STIPULATIONS		
Disposition Approvals:		
Date 02/14/14		FCR Required? Yes No
		<input type="checkbox"/> <input checked="" type="checkbox"/>
Project Manager	Date 02/14/14	Distribution:
Mark Callaghan <small>Digitally signed by Mark Callaghan DN: cn=Mark Callaghan, o=CH2M HILL, ou, email=mark.callaghan@ch2m.com, c=US Date: 2014.02.14 15:36:19 -0500</small>		Tamir/WDC Klaff; Wright, David/BOS; Nelson, David/ATL; Redmond, Ben/KNV; Currie, Dwavne/ATL; Roias, Theresa/ATL; Baloh.
Remarks:		

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

Root Cause Analysis

**Digital Geophysical Mapping
Raritan Remedial Investigation/Feasibility Study**

Date: February 14, 2014

To: Tamir Klaff, CH2M HILL's Principal Technologist

Cc: Mark Callaghan, CH2M HILL's Project Manager; David Wright, CH2M HILL's Munitions Response Geophysicist; John Breznick, NAEVA's Program Manager; Jon Guillard, NAEVA's QC Geophysicist

From: Karen Lemley, Geophysical Project Manager

RE: Failure to Identify Intrinsic Noise in the Towed Array system

Event Description

On February 7th NAEVA was notified by email that Grid Block TDSA3-13 had a significant number of no contacts during the intrusive operations and these no contacts were targets selected on suspected noise. After further review by CH2M HILL's Principal Technologist, it was determined that all of the data collected by the towed array system was questionable based on noise exhibited in the IVS tests on the 11th, 12th and 17th of December and similar noise was also noticed in a significant number of the transects. Some of the data appears to be valid, however repeated data collection is needed to confirm.

Root Causes

Two root causes and two causal factors led to the failure to identify the intrinsic noise in the towed array.

The first root cause and causal factor led to the towed array system becoming noisy. The root cause was due to site conditions (canals, marshy areas, weather (rain and snow)) contributing to the system being routinely submerged in water. The system being submerge repeatedly in water led to the causal factor of water getting into the coils producing system noise.

The second root cause and causal factor led to the failure to notice that the towed array was producing noise intrinsic to the system. The root cause was that the field crew, processors, and QC made assumptions about the cause of the noise in the data based on site conditions (urban, utilities, industrial) that could justify the noise in the data. Clearly these assumptions should not have been made without further onsite documentation. These assumptions led to the causal factor of not identifying that the noise was intrinsic to the system.

Corrective Actions

All towed array data is to be recollected after modification have been made to the system in an effort to keep water from infiltrating and causing noise.

NEW YORK
225 N Route 303
Suite 102
Congers
New York 10920
(845) 268-1800
(845) 268-1802 Fax

VIRGINIA
P.O. Box 7325
Charlottesville
Virginia 22906
(434) 978-3187
(434) 973-9791 Fax

Below lists the modification that have been made to the system prior to remobilization:

- In addition to the use of the encapsulated EM61-MK2A coils, all vulnerable ports were additionally waterproofed using shrink wrap and Silicone.



- The Silicone was coated over a 'dummy-plug' inserted in the Odometer port, as well as over the cable connections. This makes the coil-cable connection semi-permanent and it will remain as such for the duration of the project to help ensure waterproof results.





To help ensure that the data is being interpreted properly all personnel involved in the data collection, processing, and QC have met jointly to review the noisy data that was collected previously at Raritan. Further, it has been made clear by management that if anyone has questions regarding the validity of data it should to be brought to the immediate attention of QC.

Additionally, given the extreme site conditions at Raritan, more frequent QC tests will be conducted throughout the day to help ensure an entire day's of data is not collected if a problem arises with the system. These additional tests will include:

- A mid-day or at any time the system is broken down for movement to another area, a static test will be conducted.
- Since the IVS is not convenient to the site locations to be collected midday, an area near each data collection site will be used as a test strip. Either an item will be placed on the surface or an area with a known response will be collected before, mid-day and/or after each survey. This will be repeated if the system is broken down and moved to another collection site within the same day.

During the mid-day break, all collected data will be sent to the office for immediate review.

Recommended Corrective Action for Future Work

To help ensure that this issue does not arise again, the following corrective actions are recommended:

- QC will provide a more comprehensive review of all data.
- At any time significant noise is identified in the data, additionally onsite testing will occur to help isolate the source of the noise.
- Management will ensure that all collected data will be more thoroughly scrutinized by all parties (Field, Processing and QC).

TECHNICAL MEMORANDUM



Digital Geophysical Mapping Re-Surveys, Combined Analysis of Original and Re-Surveyed Data, and Path Forward, Former Raritan Arsenal, Edison, New Jersey

PREPARED FOR: Dorothy Richards/USACE
Debra Edwards/USACE
Brett Frazier/USACE
Sandra Piettro/USACE

PREPARED BY: Tamir Klaff/CH2M HILL

COPIES: David Nelson/CH2M HILL
Mark Callaghan/CH2M HILL

DATE: May 12, 2014

ATTACHMENTS: Anomalies Selected for Intrusive Investigation

Introduction

This technical memorandum presents the results of the digital geophysical mapping (DGM) survey data from the re-surveys performed after discovery that the EM61-MK2 towed array used by CH2M HILL's subcontractor had some intrinsic system noise that affected anomaly selections in the low amplitude range. As a result of the resurveys, new anomaly selections were made in each of the following areas:

- Area 12
- Dredge Spoils Area 1 (DSA1)
- DSA2
- DSA3
- DSA5

Because a subset of the originally selected anomalies in these areas had already been subjected to either intrusive investigation or advanced electromagnetic induction (EMI) system (TEMTADS 2x2) cued interrogation, a combined analysis needed to be performed on the data sets to determine the quantity and locations of anomalies still needed to be intrusively investigated to achieve the 95% confidence in the makeup of the population of anomalies along the surveyed transects in each of the areas.

A summary of the resurvey activities and the approach and results of the combined analysis are presented herein.

Digital Geophysical Mapping Resurveys

After discovering that some intrinsic system noise was evident in the data set that affected anomaly selections in the low amplitude range and a root cause analysis (RCA), all of the towed array data were recollected between February and March, 2014. A detailed description of all activities in support of the DGM survey will be presented in a Remedial Investigation report to be prepared after the anomaly intrusive investigation. The DGM was conducted using a vehicular towed array system consisting of 3 EM61-MK2 time domain electromagnetic induction detector coils mounted side by side and towed behind an ARGO utility task vehicle along transects nominally spaced at 80 meter intervals. Results of the resurveys, including data and figures, were provided to USACE in data deliverable packages.

Combined Analysis Approach

The approach to the combined analysis was as follows:

1. Determined quantity of original anomalies selected (randomly) for investigation that could be used in characterization effort
 - Started with total anomalies investigated (or that were interrogated with TEMTADS)
 - Removed all No Contacts
 - Removed all ‘Underwater’
 - Removed all QC Seeds dug
 - Removed all ‘other’ (e.g. survey stake, road, parking lot, etc.)
 - Removed TEMTADS investigated anomalies that had ‘No Find’ results (no signal in TEMTADS)
 - Resulting number was the quantity of randomly selected anomalies from the first data set that were real anomalies caused by metal as opposed to noise by the system.
2. Calculated total quantity of anomalies between both data sets (newly detected anomalies¹ + anomalies that had their sources removed during intrusive investigation) to determine TOTAL real anomalies in the area for statistical calculations
3. Determined quantity of randomly selected anomalies requiring investigation to achieve 95% confidence in makeup of anomaly population along transects in area using the Estimating a Proportion statistical technique described in the project work plan (CH2M HILL, 2013)
4. Subtracted quantity determined in #1 (real anomalies investigated in initial investigation effort) from #3 to determine quantity of additional (randomly selected) anomalies needing investigation

Combined Analysis Results and Path Forward

[Table 1](#) shows results of the combined analysis. In total, 183 anomalies (which includes 11 QC seed locations) remain to be investigated across the transects surveyed with the EM61-MK2 towed array to achieve the 95% confidence in the makeup of the population of anomalies along the surveyed transects in each of the areas. The quantity of anomalies determined for each individual area requiring additional digs beyond just recovery of QC seeds have been randomly selected (except the QC seeds which are selected for intrusive investigation regardless) and are provided in Microsoft Excel tables with this document. [Attachment A](#) provides the tabulated results of anomalies selected for intrusive investigation. [Attachment B](#) provides figures of the locations of anomalies selected for intrusive investigation.

¹ Included Types 1 (point source anomaly), 3 (suspected culture [requested to be investigated by USACE geophysicist]), 6 (anomaly selected below established threshold [appears to be metallic item]) and 12 (selected based on both 2013 and 2014 data [i.e. present in both data sets even though below threshold in one])

Table 1. Results of combined analysis of anomaly selections from the original towed array surveys and the resurveys

Area/Description	Area 12	DSA #1	DSA #2	DSA #3	DSA #5	Total
Initially Detected (Type 1)	380	441	751	186	543	2301
Original No. of Anomalies Calculated Required for 95% Confidence	191	205	441	125	225	1187
QC Seeds	3	2	1	1	3	10
Total No. of Anomalies Requiring Investigation	194	207	442	126	228	1197
Original No. of Anomalies Intrusively Investigated	89	257	237	128	0	711
No. of Anomalies Could Not be Investigated (as they were underwater)	9	11	14	2	0	36
Other (i.e., Survey Marker, Road, Not Investigated, etc.)	5	29	5	5	0	44
QC Seeds Dug	1	2	1	1	0	5
Original No. of No Contacts	22	28	60	111	0	221
TEMTADS Interrogated (that were not "No Find")	0	0	37	0	23	60
Original No. of Anomalies Intrusively or TEMTADS investigated (not including underwater, survey marker, QC seed, or No Contact)	52	187	194	9	23	465
Total No. of New Anomalies (Types 1 ^A , 3 ^B , 6 ^C and 12 ^D)	238	133	210	14	91	686
Previous No. of Good Anomalies Dug (no longer in data set)	52	187	194	9	23	465
Total No. of New Anomalies that are New QC Seeds	3	2	1	2	0	8
Total No. of New Anomalies that are Old QC Seeds	0	0	0	0	3	3
Total No. of Real Anomalies within each Area	287	318	403	21	111	1140
Total No. of Real Anomalies Calculated Required for 95% Confidence	147	174	197	20	86	624
Additional Randomly Selected Anomalies Requiring Intrusive Investigation	95	0	3	11	63	172
QC Seeds	3	2	1	2	3	11

Notes:

^A point source anomaly^B suspected culture (requested to be investigated by USACE)^C anomaly selected below established threshold (appears to be metallic item)^D selected based on both 2013 and 2014 data (i.e., present in both data sets even though below threshold in one)

Conclusion

CH2M HILL resurveyed all of the transects on which data were collected with the EM61-MK2 towed array because the original data set was shown to be affected by some intrinsic noise in the towed array system. Because a subset of the originally selected anomalies in these areas had already been subjected to either intrusive investigation or advanced electromagnetic induction (EMI) system (TEMTADS 2x2) cued interrogation, a combined analysis was performed on the data sets to determine the quantity and locations of anomalies still needing to be intrusively investigated to achieve the 95% confidence in the makeup of the population of anomalies along the surveyed transects in each of the areas. A total of 183 anomalies (comprising 172 newly selected anomalies and 11 QC seed locations) have been identified for intrusive investigation.

References

CH2M HILL. 2013. *Remedial Investigation/Feasibility Study Work Plan for the Former Raritan Arsenal, Edison, New Jersey*.

Attachment A – Anomalies Selected for Intrusive Investigation

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
1	T12TR-12-00001	555875.1	4482127.65	37.91	1	QC SEED	Dig
2	T12TR-17-00002	556452.75	4482472.35	29.835	1	QC SEED	Dig
3	T12TR-19-00004	556026.9	4482394.05	48.356	1	QC SEED	Dig
4	T12TR-11-00032	556234.78	4482210.3	2355.834	3	RANDOM	Dig
5	T12TR-7-00016	556375.35	4482225.3	46.271	3	RANDOM	Dig
6	T12TR-8-00007	556456.83	4482277.56	5.884	3	RANDOM	Dig
7	T12TR-6-00004	556253.55	4482153.45	6.491	3	RANDOM	Dig
8	T12TR-7-00011	556362	4482220.5	25.864	3	RANDOM	Dig
9	T12TR-7-00008	556356.15	4482220.2	14.227	1	RANDOM	Dig
10	T12TR-8-00025	556479.75	4482292.65	32.714	1	RANDOM	Dig
11	T12TR-11-00018	556205.1	4482201.27	132.439	3	RANDOM	Dig
12	T12TR-13-00015	556234.47	4482277.81	5.966	1	RANDOM	Dig
13	T12TR-4-00012	556182.3	4482067.8	47.044	1	RANDOM	Dig
14	T12TR-11-00002	556157.4	4482189.45	6.363	1	RANDOM	Dig
15	T12TR-10-00020	555978.9	4482095.7	10.295	1	RANDOM	Dig
16	T12TR-11-00025	556218.15	4482203.85	12.876	1	RANDOM	Dig
17	T12TR-5-00020	556192.35	4482099.15	114.707	1	RANDOM	Dig
18	T12TR-9-00001	556517.55	4482334.65	929.542	3	RANDOM	Dig
19	T12TR-10-00012	555912	4482080.1	7.567	1	RANDOM	Dig
20	T12TR-12-00015	556213.8	4482236.7	72.391	1	RANDOM	Dig
21	T12TR-7-00010	556360.65	4482220.95	11.866	3	RANDOM	Dig
22	T12TR-9-00007	556531.05	4482337.5	16.444	3	RANDOM	Dig
23	T12TR-5-00001	556037.56	4482048.3	27.251	1	RANDOM	Dig
24	T12TR-6-00017	556350.78	4482187.22	4.976	1	RANDOM	Dig
25	T12TR-11-00024	556215.94	4482203.05	9.263	1	RANDOM	Dig
26	T12TR-12-00011	556198.48	4482231.46	16.882	1	RANDOM	Dig
27	T12TR-12-00012	556201.8	4482234	7.527	1	RANDOM	Dig
28	T12TR-12-00003	556165.65	4482221.7	4.441	1	RANDOM	Dig
29	T12TR-11-00010	556193.1	4482203.1	455.194	3	RANDOM	Dig
30	T12TR-9-00003	556526.03	4482337.08	18.518	3	RANDOM	Dig
31	T12TR-12-00014	556212.66	4482237.85	69.907	1	RANDOM	Dig
32	T12TR-19-00027	556364.57	4482503.54	7.67	1	RANDOM	Dig
33	T12TR-19-00025	556353.75	4482498.75	8.683	1	RANDOM	Dig
34	T12TR-7-00003	556342.65	4482212.25	10.814	1	RANDOM	Dig
35	T12TR-23-00003	556185.3	4482574.5	10.911	1	RANDOM	Dig
36	T12TR-19-00024	556352.67	4482500.69	9.792	1	RANDOM	Dig
37	T12TR-12-00006	556187.7	4482229.2	8.806	1	RANDOM	Dig
38	T12TR-4-00002	556105.17	4482038.36	10.172	1	RANDOM	Dig
39	T12TR-19-00020	556343.4	4482495.15	5.071	1	RANDOM	Dig
40	T12TR-16-00002	556284.15	4482389.76	3.017	12	RANDOM	Dig
41	T12TR-22-00003	556253.4	4482561.6	4.538	1	RANDOM	Dig
42	T12TR-11-00012	556195.8	4482202.5	1109.875	3	RANDOM	Dig
43	T12TR-8-00006	556454.25	4482276.15	5.084	3	RANDOM	Dig
44	T12TR-13-00007	556168.2	4482255.75	15.604	1	RANDOM	Dig
45	T12TR-12-00026	556243.7	4482247.29	14.548	1	RANDOM	Dig
46	T12TR-12-00010	556196.89	4482232.27	85.235	1	RANDOM	Dig
47	T12TR-11-00016	556202.85	4482201.3	668.3	3	RANDOM	Dig
48	T12TR-20-00001	556182.75	4482476.25	4.431	1	RANDOM	Dig
49	T12TR-19-00008	556176.45	4482442.65	45.125	1	RANDOM	Dig

Appendix G – Anomaly Investigation Reports

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
50	T12TR-6-00010	556294.2	4482166.65	7.606	1	RANDOM	Dig
51	T12TR-6-00012	556304.7	4482169.8	21.189	1	RANDOM	Dig
52	T12TR-5-00003	556096.5	4482062.4	368.58	1	RANDOM	Dig
53	T12TR-8-00015	556468.05	4482287.85	7.184	3	RANDOM	Dig
54	T12TR-11-00008	556191.15	4482201.45	247.793	3	RANDOM	Dig
55	T12TR-18-00002	556356	4482475.95	4.361	1	RANDOM	Dig
56	T12TR-11-00009	556192.5	4482201.9	364.092	3	RANDOM	Dig
57	T12TR-7-00014	556366.05	4482222.6	7.375	3	RANDOM	Dig
58	T12TR-8-00014	556466.85	4482284.4	83.345	3	RANDOM	Dig
59	T12TR-8-00029	556508.55	4482299.1	47.389	1	RANDOM	Dig
60	T12TR-11-00028	556226.25	4482208.35	124.04	1	RANDOM	Dig
61	T12TR-4-00010	556177.2	4482066.15	14.782	1	RANDOM	Dig
62	T12TR-19-00028	556366.65	4482502.95	5.348	1	RANDOM	Dig
63	T12TR-4-00003	556121.55	4482043.8	4.134	1	RANDOM	Dig
64	T12TR-11-00011	556194.75	4482201.3	263.822	3	RANDOM	Dig
65	T12TR-5-00011	556162.2	4482088.5	17.348	1	RANDOM	Dig
66	T12TR-23-00001	556153.35	4482565.05	209.466	1	RANDOM	Dig
67	T12TR-13-00006	556163.85	4482256.5	5.601	1	RANDOM	Dig
68	T12TR-13-00009	556186.05	4482260.7	13.857	1	RANDOM	Dig
69	T12TR-10-00006	555886.9	4482073.02	460.918	3	RANDOM	Dig
70	T12TR-5-00021	556198.95	4482103.8	19.261	1	RANDOM	Dig
71	T12TR-11-00001	556142.25	4482182.7	10.349	1	RANDOM	Dig
72	T12TR-11-00041	556246.65	4482217.05	5.215	1	RANDOM	Dig
73	T12TR-8-00004	556453.43	4482275.31	8.966	3	RANDOM	Dig
74	T12TR-19-00010	556266.45	4482473.55	15.763	1	RANDOM	Dig
75	T12TR-22-00002	556133.11	4482521.48	13.297	1	RANDOM	Dig
76	T12TR-10-00019	555965.22	4482092.26	278.825	1	RANDOM	Dig
77	T12TR-6-00019	556365.3	4482191.85	90.277	1	RANDOM	Dig
78	T12TR-8-00016	556468.54	4482285.76	10.548	3	RANDOM	Dig
79	T12TR-4-00004	556131.88	4482044.87	751.396	1	RANDOM	Dig
80	T12TR-8-00012	556465.05	4482284.1	10.813	3	RANDOM	Dig
81	T12TR-8-00027	556501.12	4482297.55	224.874	1	RANDOM	Dig
82	T12TR-7-00001	556331.94	4482211.43	6.497	1	RANDOM	Dig
83	T12TR-5-00010	556160.25	4482087.75	15.376	1	RANDOM	Dig
84	T12TR-12-00019	556229.85	4482242.4	5.04	1	RANDOM	Dig
85	T12TR-13-00004	556162.49	4482254.98	2.788	12	RANDOM	Dig
86	T12TR-21-00004	556371.43	4482568.36	5.281	1	RANDOM	Dig
87	T12TR-13-00008	556169.4	4482257.1	24.231	1	RANDOM	Dig
88	T12TR-19-00030	556373.85	4482507	7.992	1	RANDOM	Dig
89	T12TR-8-00002	556452.45	4482275.25	9.681	3	RANDOM	Dig
90	T12TR-7-00034	556461.3	4482249.9	9.113	1	RANDOM	Dig
91	T12TR-10-00007	555887.27	4482074.93	133.512	3	RANDOM	Dig
92	T12TR-10-00004	555868.84	4482067.67	5456.58	3	RANDOM	Dig
93	T12TR-13-00003	556158	4482253.35	4.142	1	RANDOM	Dig
94	T12TR-19-00019	556339.95	4482495.9	6.138	1	RANDOM	Dig
95	T12TR-11-00031	556229.51	4482208.86	4.55	1	RANDOM	Dig
96	T12TR-11-00034	556239.75	4482212.55	34.2	3	RANDOM	Dig
97	T12TR-10-00009	555901.65	4482076.05	9.679	1	RANDOM	Dig
	T12TR-10-00001	555853.39	4482060.18	4.065	1	Not	backup dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
	T12TR-14-00002	556235.39	4482309.18	13.631	1	Not	backup dig
	T12TR-21-00002	556269.3	4482534	7.308	1	Not	backup dig
	T12TR-10-00005	555885.45	4482073.93	91.556	3	Not Selected	backup dig
	T12TR-7-00006	556354.8	4482219.6	9.41	1	Not Selected	backup dig
	T12TR-7-00017	556377.6	4482226.2	26.094	3	Not Selected	backup dig
	T12TR-6-00003	556251.15	4482153.3	103.74	3	Not Selected	backup dig
	T12TR-11-00017	556203.6	4482202.6	642.853	3	Not Selected	backup dig
	T12TR-10-00016	555940.5	4482086.7	13.929	1	Not Selected	backup dig
	T12TR-7-00005	556347.3	4482216.3	34.315	1	Not Selected	backup dig
	T12TR-13-00005	556163.7	4482255.41	3.036	12	Not Selected	backup dig
	T12TR-7-00012	556362.9	4482222	11.995	3	Not Selected	backup dig
	T12TR-10-00017	555944.7	4482087.6	5.823	1	Not Selected	backup dig
	T12TR-11-00030	556227.6	4482206.7	7.526	1	Not Selected	backup dig
	T12TR-13-00012	556229.85	4482275.25	12.316	1	Not Selected	backup dig
	T12TR-8-00030	556512.75	4482302.25	18.391	1	Not Selected	backup dig
	T12TR-11-00033	556237.93	4482211.61	535.034	3	Not Selected	backup dig
	T12TR-11-00013	556198.2	4482201.75	184.952	3	Not Selected	backup dig
	T12TR-6-00009	556293.15	4482164.25	13.91	1	Not Selected	backup dig
	T12TR-10-00015	555939.45	4482085.5	5.575	1	Not Selected	backup dig
	T12TR-11-00023	556214.4	4482203.1	11.12	1	Not Selected	backup dig
	T12TR-11-00006	556188.3	4482199.5	815.69	3	Not Selected	backup dig
	T12TR-19-00006	556097.4	4482416.7	4.705	1	Not Selected	backup dig
	T12TR-10-00018	555954.3	4482090.6	8.278	1	Not Selected	backup dig
	T12TR-15-00002	556288.2	4482356.25	94.198	1	Not Selected	backup dig
	T12TR-12-00024	556241.1	4482248.4	24.908	1	Not Selected	backup dig
	T12TR-11-00003	556164.75	4482193.5	5.347	1	Not Selected	backup dig
	T12TR-22-00001	556012.35	4482483.15	5.026	1	Not Selected	backup dig
	T12TR-19-00023	556351.93	4482498.56	7.233	1	Not Selected	backup dig
	T12TR-6-00016	556345.2	4482185.4	849.135	1	Not Selected	backup dig
	T12TR-7-00035	556468.43	4482253.46	32.791	1	Not Selected	backup dig
	T12TR-13-00010	556189.65	4482261.9	10.682	1	Not Selected	backup dig
	T12TR-14-00005	556250.1	4482314.4	5.222	1	Not Selected	backup dig
	T12TR-23-00005	556212.15	4482581.7	5.06	1	Not Selected	backup dig
	T12TR-10-00021	555984.9	4482096.3	57.092	1	Not Selected	backup dig
	T12TR-12-00027	556245.87	4482249.14	10.317	1	Not Selected	backup dig
	T12TR-14-00006	556253.7	4482314.55	5.637	1	Not Selected	backup dig
	T12TR-19-00007	556149.6	4482434.55	57.035	1	Not Selected	backup dig
	T12TR-11-00040	556245.07	4482215.33	59.188	3	Not Selected	backup dig
	T12TR-12-00022	556236.45	4482245.85	11.645	1	Not Selected	backup dig
	T12TR-18-00003	556361.68	4482477.14	8.485	1	Not Selected	backup dig
	T12TR-7-00026	556421.7	4482238.95	27.05	1	Not Selected	backup dig
	T12TR-19-00031	556378.05	4482509.1	119.192	1	Not Selected	backup dig
	T12TR-11-00039	556244.85	4482214.05	23.408	3	Not Selected	backup dig
	T12TR-8-00022	556474.95	4482291.45	28.511	3	Not Selected	backup dig
	T12TR-10-00014	555935.08	4482084.31	25.939	1	Not Selected	backup dig
	T12TR-11-00029	556226.25	4482206.1	19.79	1	Not Selected	backup dig
	T12TR-4-00008	556161.3	4482055.95	21.359	1	Not Selected	backup dig
	T12TR-11-00038	556243.35	4482215.55	21.857	3	Not Selected	backup dig
	T12TR-8-00018	556472.1	4482288	12.484	3	Not Selected	backup dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
	T12TR-4-00007	556160.25	4482055.8	26.185	1	Not Selected	backup dig
	T12TR-10-00013	555931.2	4482083.7	63.101	1	Not Selected	backup dig
	T12TR-8-00001	556450.05	4482275.25	9.821	3	Not Selected	backup dig
	T12TR-7-00030	556435.51	4482241.68	62.351	1	Not Selected	backup dig
	T12TR-11-00015	556201.8	4482202.35	470.889	3	Not Selected	backup dig
	T12TR-12-00028	556246.5	4482250.35	12.453	1	Not Selected	backup dig
	T12TR-7-00032	556455.15	4482248.4	45.366	1	Not Selected	backup dig
	T12TR-11-00020	556209.9	4482203.25	54.576	3	Not Selected	backup dig
	T12TR-8-00019	556472.1	4482290.25	15.492	3	Not Selected	backup dig
	T12TR-5-00019	556187.14	4482099.78	14.303	1	Not Selected	backup dig
	T12TR-6-00002	556248.39	4482152.16	60.016	3	Not Selected	backup dig
	T12TR-18-00004	556365.75	4482478.65	4.697	1	Not Selected	backup dig
	T12TR-11-00021	556211.4	4482201.3	13.288	3	Not Selected	backup dig
	T12TR-13-00019	556240.95	4482278.85	18.41	1	Not Selected	backup dig
	T12TR-11-00019	556207.65	4482202.35	115.612	3	Not Selected	backup dig
	T12TR-13-00021	556242.53	4482279.94	19.152	1	Not Selected	backup dig
	T12TR-11-00022	556211.7	4482202.65	44.428	3	Not Selected	backup dig
	T12TR-11-00004	556184.7	4482200.1	578.27	3	Not Selected	backup dig
	T12TR-13-00017	556236.04	4482277.9	14.019	1	Not Selected	backup dig
	T12TR-13-00020	556242.45	4482278.25	14.434	1	Not Selected	backup dig
	T12TR-8-00005	556454.47	4482277.53	5.34	3	Not Selected	backup dig
	T12TR-9-00009	556553.52	4482346.27	10.3	1	Not Selected	backup dig
	T12TR-5-00026	556208.1	4482108.72	15.594	1	Not Selected	backup dig
	T12TR-13-00018	556236.9	4482276.45	13.08	1	Not Selected	backup dig
	T12TR-7-00020	556394.85	4482226.5	5.35	1	Not Selected	backup dig
	T12TR-19-00022	556349.25	4482499.35	6.614	1	Not Selected	backup dig
	T12TR-7-00028	556428.45	4482239.7	5.01	1	Not Selected	backup dig
	T12TR-4-00015	556187.4	4482070.95	14.84	1	Not Selected	backup dig
	T12TR-11-00026	556221	4482203.7	6.088	1	Not Selected	backup dig
	T12TR-23-00004	556210.05	4482579.75	14.679	1	Not Selected	backup dig
	T12TR-6-00006	556265.55	4482155.7	87.86	1	Not Selected	backup dig
	T12TR-8-00021	556473.45	4482290.85	30.005	3	Not Selected	backup dig
	T12TR-13-00013	556231.54	4482275.39	20.421	1	Not Selected	backup dig
	T12TR-13-00014	556232.63	4482276.45	9.427	1	Not Selected	backup dig
	T12TR-5-00024	556206.75	4482105.75	59.094	1	Not Selected	backup dig
	T12TR-13-00002	556156.65	4482253.95	9.244	1	Not Selected	backup dig
	T12TR-8-00008	556458.15	4482279.15	154.478	3	Not Selected	backup dig
	T12TR-5-00004	556098.6	4482062.4	90.136	1	Not Selected	backup dig
	T12TR-11-00035	556240.65	4482213.15	52.189	3	Not Selected	backup dig
	T12TR-13-00011	556226.7	4482273.15	5.52	1	Not Selected	backup dig
	T12TR-14-00003	556237.35	4482310.05	7.85	1	Not Selected	backup dig
	T12TR-11-00027	556222.42	4482205.76	50.559	1	Not Selected	backup dig
	T12TR-9-00002	556522.65	4482337.2	14.968	3	Not Selected	backup dig
	T12TR-11-00037	556243.08	4482214.29	9.955	3	Not Selected	backup dig
	T12TR-10-00023	555989.4	4482096	7.879	1	Not Selected	backup dig
	T12TR-12-00013	556206.9	4482235.95	9.735	1	Not Selected	backup dig
	T12TR-12-00007	556188.38	4482227.35	3.145	12	Not Selected	backup dig
	T12TR-16-00001	556271.55	4482385.65	10.382	1	Not Selected	backup dig
	T12TR-6-00007	556273.05	4482159.3	4.631	1	Not Selected	backup dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
	T12TR-8-00010	556463.85	4482282.15	7.938	3	Not Selected	backup dig
	T12TR-10-00010	555906.9	4482077.25	134.041	1	Not Selected	backup dig
	T12TR-4-00013	556183.65	4482069.75	25.785	1	Not Selected	backup dig
	T12TR-12-00016	556215.15	4482238.05	121.272	1	Not Selected	backup dig
	T12TR-10-00024	556003.2	4482106.5	4.846	1	Not Selected	backup dig
	T12TR-12-00008	556194.9	4482231.6	611.3	1	Not Selected	backup dig
	T12TR-5-00016	556182.6	4482096.15	16.439	1	Not Selected	backup dig
	T12TR-14-00007	556254.6	4482315.9	8.656	1	Not Selected	backup dig
	T12TR-12-00009	556195.58	4482230.45	68.221	1	Not Selected	backup dig
	T12TR-9-00006	556530.35	4482338.71	54.813	3	Not Selected	backup dig
	T12TR-11-00036	556241.7	4482214.65	26.894	3	Not Selected	backup dig
	T12TR-12-00005	556184.7	4482228.6	6.88	1	Not Selected	backup dig
	T12TR-5-00022	556203.17	4482104.67	74.798	1	Not Selected	backup dig
	T12TR-6-00018	556351.95	4482187.65	42.533	1	Not Selected	backup dig
	T12TR-7-00004	556344.75	4482213	8.752	1	Not Selected	backup dig
	T12TR-12-00017	556220.25	4482239.85	77.396	1	Not Selected	backup dig
	T12TR-8-00013	556466.7	4482286.8	9.39	3	Not Selected	backup dig
	T12TR-8-00023	556475.82	4482290.16	5.518	3	Not Selected	backup dig
	T12TR-5-00005	556100.4	4482061.5	21.519	1	Not Selected	backup dig
	T12TR-7-00013	556365	4482222	13.021	3	Not Selected	backup dig
	T12TR-7-00031	556452.6	4482247.5	11.003	1	Not Selected	backup dig
	T12TR-5-00025	556206.7	4482107.22	17.542	1	Not Selected	backup dig
	T12TR-11-00007	556190.85	4482202.35	156.902	3	Not Selected	backup dig
	T12TR-12-00004	556180.95	4482227.25	21.416	1	Not Selected	backup dig
	T12TR-12-00023	556237.95	4482245.25	7.347	1	Not Selected	backup dig
	T12TR-4-00001	556074.9	4482033.15	89.797	1	Not Selected	backup dig
	T12TR-6-00011	556296	4482165	36.126	1	Not Selected	backup dig
	T12TR-12-00002	556163.05	4482220.24	19.387	1	Not Selected	backup dig
	T12TR-13-00016	556235.55	4482276	12.384	1	Not Selected	backup dig
	T12TR-7-00009	556359.45	4482219.3	6.38	3	Not Selected	backup dig
	T12TR-5-00006	556105.08	4482065.57	47.441	1	Not Selected	backup dig
	T12TR-19-00033	556387.65	4482511.2	9.454	1	Not Selected	backup dig
	T12TR-14-00001	556227.28	4482306.75	5.698	1	Not Selected	backup dig
	T12TR-6-00001	556247.1	4482153.3	37.366	3	Not Selected	backup dig
	T12TR-12-00021	556234.95	4482245.25	11.081	1	Not Selected	backup dig
	T12TR-18-00005	556482.3	4482507	11.493	1	Not Selected	backup dig
	T12TR-11-00014	556198.2	4482203.7	214.18	3	Not Selected	backup dig
	T12TR-12-00025	556242.56	4482248.55	27.995	1	Not Selected	backup dig
	T12TR-13-00001	556149.31	4482249.43	9.556	1	Not Selected	backup dig
	T12TR-6-00008	556278.45	4482159.15	6.073	1	Not Selected	backup dig
	T12TR-8-00028	556504.8	4482300.45	10.651	1	Not Selected	backup dig
	T12TR-8-00017	556470	4482289.05	7.225	3	Not Selected	backup dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig
1	TDSA1R-02-00001	557068.17	4483468.24	31.7	13	QC SEED	Dig
2	TDSA1R-05-00020	556913.78	4483873.64	36.9	13	QC SEED	Dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
1	TDSA2R-5-00028	556686.5	4483042	312.73	3	RANDOM	Dig
2	TDSA2R-4-00041	556733.6	4483012	70.975	3	RANDOM	Dig
3	TDSA2R-3-00024	556728.3	4482870	4.918	1	RANDOM	Dig
4	TDSA2R-7-00007	556646	4483228	52.173	13	QC SEED	Dig
	TDSA2R-1-00030	556797.4	4482692	80.54	1	Not Selected	backup dig
	TDSA2R-1-00013	556756.7	4482628	15.928	1	Not Selected	backup dig
	TDSA2R-5-00035	556693.8	4483049	366.318	3	Not Selected	backup dig
	TDSA2R-1-00014	556758.3	4482629	43.173	1	Not Selected	backup dig
	TDSA2R-7-00001	556523.2	4483072	10.232	1	Not Selected	backup dig
	TDSA2R-1-00012	556754.7	4482628	14.681	1	Not Selected	backup dig
	TDSA2R-5-00020	556678.1	4483030	263.342	3	Not Selected	backup dig
	TDSA2R-1-00007	556728	4482580	26.775	1	Not Selected	backup dig
	TDSA2R-6-00030	556703.4	4483181	12.608	1	Not Selected	backup dig
	TDSA2R-6-00023	556689.9	4483164	7.662	1	Not Selected	backup dig
	TDSA2R-4-00010	556694.9	4482966	66.895	1	Not Selected	backup dig
	TDSA2R-6-00036	556715.6	4483201	8.8	1	Not Selected	backup dig
	TDSA2R-6-00002	556613.3	4483061	9.252	1	Not Selected	backup dig
	TDSA2R-6-00009	556658.6	4483119	30.461	1	Not Selected	backup dig
	TDSA2R-6-00020	556686.8	4483157	6.318	1	Not Selected	backup dig
	TDSA2R-3-00033	556769.4	4482936	4.573	1	Not Selected	backup dig
	TDSA2R-4-00032	556722	4483002	90.516	1	Not Selected	backup dig
	TDSA2R-4-00029	556716.7	4482999	42.686	3	Not Selected	backup dig
	TDSA2R-5-00034	556692	4483046	1125.583	3	Not Selected	backup dig
	TDSA2R-6-00039	556721.4	4483207	93.483	1	Not Selected	backup dig
	TDSA2R-4-00037	556723.8	4483005	15.078	1	Not Selected	backup dig
	TDSA2R-3-00035	556770.8	4482940	7.496	1	Not Selected	backup dig
	TDSA2R-2-00014	556688.9	4482671	11.785	1	Not Selected	backup dig
	TDSA2R-3-00026	556736.9	4482887	4.427	1	Not Selected	backup dig
	TDSA2R-1-00070	556850.1	4482779	13.078	1	Not Selected	backup dig
	TDSA2R-1-00081	556860.3	4482800	129.007	1	Not Selected	backup dig
	TDSA2R-1-00017	556761.5	4482640	23.396	1	Not Selected	backup dig
	TDSA2R-3-00005	556630.2	4482708	15.857	1	Not Selected	backup dig
	TDSA2R-2-00025	556857.5	4482937	11.683	1	Not Selected	backup dig
	TDSA2R-3-00027	556740.5	4482893	4.97	1	Not Selected	backup dig
	TDSA2R-4-00012	556697.1	4482968	29.862	1	Not Selected	backup dig
	TDSA2R-1-00045	556821.9	4482732	42.991	1	Not Selected	backup dig
	TDSA2R-5-00016	556674.7	4483025	112.73	3	Not Selected	backup dig
	TDSA2R-5-00024	556683	4483036	1277.489	3	Not Selected	backup dig
	TDSA2R-4-00005	556691.9	4482957	11.221	1	Not Selected	backup dig
	TDSA2R-1-00023	556782.1	4482686	661.433	1	Not Selected	backup dig
	TDSA2R-5-00033	556689.9	4483046	467.98	3	Not Selected	backup dig
	TDSA2R-2-00015	556686.9	4482672	10.83	1	Not Selected	backup dig
	TDSA2R-1-00078	556858.1	4482796	360.071	1	Not Selected	backup dig
	TDSA2R-3-00010	556694.4	4482813	4.946	1	Not Selected	backup dig
	TDSA2R-5-00037	556694.9	4483050	197.12	3	Not Selected	backup dig
	TDSA2R-4-00008	556693.2	4482961	493.122	1	Not Selected	backup dig
	TDSA2R-2-00013	556686.2	4482668	17.615	1	Not Selected	backup dig
	TDSA2R-1-00039	556813.2	4482718	17.515	1	Not Selected	backup dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
	TDSA2R-3-00031	556755.9	4482918	5.451	1	Not Selected	backup dig
	TDSA2R-3-00029	556741.7	4482897	6.991	1	Not Selected	backup dig
	TDSA2R-4-00025	556715.3	4482997	228.587	3	Not Selected	backup dig
	TDSA2R-6-00037	556718.4	4483203	80.209	1	Not Selected	backup dig
	TDSA2R-4-00011	556695	4482968	8.114	1	Not Selected	backup dig
	TDSA2R-6-00019	556680.3	4483148	4.954	1	Not Selected	backup dig
	TDSA2R-1-00028	556792.2	4482689	68.104	1	Not Selected	backup dig
	TDSA2R-6-00033	556713.6	4483196	18.715	1	Not Selected	backup dig
	TDSA2R-2-00022	556787.9	4482829	8.235	1	Not Selected	backup dig
	TDSA2R-5-00023	556682.7	4483034	203.403	3	Not Selected	backup dig
	TDSA2R-3-00016	556709.5	4482837	21.75	1	Not Selected	backup dig
	TDSA2R-7-00004	556555.5	4483116	4.69	1	Not Selected	backup dig
	TDSA2R-5-00031	556691.4	4483044	515.43	3	Not Selected	backup dig
	TDSA2R-1-00053	556829.8	4482750	120.656	1	Not Selected	backup dig
	TDSA2R-6-00013	556662.9	4483125	20.561	1	Not Selected	backup dig
	TDSA2R-6-00025	556691.9	4483166	5.735	1	Not Selected	backup dig
	TDSA2R-2-00016	556741.4	4482758	3.604	12	Not Selected	backup dig
	TDSA2R-5-00004	556678.1	4483012	108.031	3	Not Selected	backup dig
	TDSA2R-5-00022	556681.8	4483033	159.684	3	Not Selected	backup dig
	TDSA2R-2-00009	556670.3	4482646	7.808	1	Not Selected	backup dig
	TDSA2R-1-00074	556854	4482787	104.658	1	Not Selected	backup dig
	TDSA2R-6-00038	556718.6	4483205	4.43	1	Not Selected	backup dig
	TDSA2R-3-00020	556715.4	4482845	26.08	1	Not Selected	backup dig
	TDSA2R-7-00003	556530.6	4483084	23.766	1	Not Selected	backup dig
	TDSA2R-5-00002	556672.4	4483007	21.505	1	Not Selected	backup dig
	TDSA2R-4-00056	556749.6	4483034	1464.372	3	Not Selected	backup dig
	TDSA2R-2-00004	556636.4	4482589	80.79	1	Not Selected	backup dig
	TDSA2R-1-00065	556842.8	4482769	37.329	1	Not Selected	backup dig
	TDSA2R-4-00028	556718	4482999	45.801	1	Not Selected	backup dig
	TDSA2R-1-00089	556868.3	4482819	3643.163	3	Not Selected	backup dig
	TDSA2R-3-00018	556711.5	4482842	4.358	1	Not Selected	backup dig
	TDSA2R-2-00006	556639.5	4482595	19.724	1	Not Selected	backup dig
	TDSA2R-4-00018	556707.7	4482985	14.084	1	Not Selected	backup dig
	TDSA2R-1-00079	556857.2	4482798	678.916	1	Not Selected	backup dig
	TDSA2R-2-00005	556640.7	4482594	4.884	1	Not Selected	backup dig
	TDSA2R-2-00020	556765.1	4482797	21.633	1	Not Selected	backup dig
	TDSA2R-2-00017	556752	4482773	7.181	1	Not Selected	backup dig
	TDSA2R-3-00012	556699.8	4482821	140.538	1	Not Selected	backup dig
	TDSA2R-6-00034	556715.7	4483197	8.607	1	Not Selected	backup dig
	TDSA2R-6-00032	556709	4483188	5.281	1	Not Selected	backup dig
	TDSA2R-4-00040	556729.1	4483009	84.512	3	Not Selected	backup dig
	TDSA2R-4-00042	556734.8	4483012	85.436	3	Not Selected	backup dig
	TDSA2R-3-00013	556701.5	4482824	5.628	1	Not Selected	backup dig
	TDSA2R-5-00032	556690.1	4483044	806.399	3	Not Selected	backup dig
	TDSA2R-6-00026	556692.9	4483169	8.457	1	Not Selected	backup dig
	TDSA2R-5-00001	556669.8	4483007	930.8	1	Not Selected	backup dig
	TDSA2R-6-00011	556659.9	4483121	9.287	1	Not Selected	backup dig
	TDSA2R-4-00027	556716.1	4482998	59.61	3	Not Selected	backup dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
	TDSA2R-4-00006	556689.9	4482958	12.034	1	Not Selected	backup dig
	TDSA2R-4-00035	556721.4	4483004	100.411	1	Not Selected	backup dig
	TDSA2R-3-00015	556707	4482833	5.517	1	Not Selected	backup dig
	TDSA2R-4-00009	556691.7	4482963	10.209	1	Not Selected	backup dig
	TDSA2R-3-00037	556785.3	4482963	8.728	1	Not Selected	backup dig
	TDSA2R-2-00019	556764.3	4482796	45.571	1	Not Selected	backup dig
	TDSA2R-3-00038	556785.9	4482964	7	1	Not Selected	backup dig
	TDSA2R-4-00050	556749.6	4483025	2137.636	3	Not Selected	backup dig
	TDSA2R-3-00007	556673.5	4482782	4.419	1	Not Selected	backup dig
	TDSA2R-4-00034	556722.9	4483003	40.005	1	Not Selected	backup dig
	TDSA2R-5-00036	556696.5	4483049	641.848	3	Not Selected	backup dig
	TDSA2R-1-00019	556764.8	4482659	188.349	1	Not Selected	backup dig
	TDSA2R-4-00054	556751.4	4483030	8318.252	3	Not Selected	backup dig
	TDSA2R-5-00017	556676.8	4483026	212.19	3	Not Selected	backup dig
	TDSA2R-1-00057	556835.7	4482756	20.149	1	Not Selected	backup dig
	TDSA2R-5-00030	556688.3	4483044	658.7	3	Not Selected	backup dig
	TDSA2R-5-00012	556676.9	4483020	478.382	3	Not Selected	backup dig
	TDSA2R-1-00033	556804.1	4482701	110.947	1	Not Selected	backup dig
	TDSA2R-4-00021	556712.8	4482992	64.946	3	Not Selected	backup dig
	TDSA2R-2-00027	556857.8	4482940	7.1	1	Not Selected	backup dig
	TDSA2R-5-00029	556688.7	4483043	676.261	3	Not Selected	backup dig
	TDSA2R-1-00071	556849.5	4482781	7.151	1	Not Selected	backup dig
	TDSA2R-2-00003	556632.6	4482588	5.05	1	Not Selected	backup dig
	TDSA2R-2-00001	556628.1	4482583	1939.252	3	Not Selected	backup dig
	TDSA2R-1-00054	556830.8	4482751	227.355	1	Not Selected	backup dig
	TDSA2R-3-00003	556601.5	4482662	328.8	1	Not Selected	backup dig
	TDSA2R-1-00041	556814.3	4482723	15.081	1	Not Selected	backup dig
	TDSA2R-6-00008	556655.3	4483114	31.069	1	Not Selected	backup dig
	TDSA2R-1-00026	556787.3	4482688	30.846	1	Not Selected	backup dig
	TDSA2R-3-00006	556631	4482711	8.391	1	Not Selected	backup dig
	TDSA2R-4-00022	556713.9	4482993	13.098	3	Not Selected	backup dig
	TDSA2R-4-00055	556750.9	4483032	6770.799	3	Not Selected	backup dig
	TDSA2R-4-00023	556713.5	4482995	69.305	3	Not Selected	backup dig
	TDSA2R-3-00002	556596.9	4482659	41.869	1	Not Selected	backup dig
	TDSA2R-3-00030	556743.5	4482900	28.003	1	Not Selected	backup dig
	TDSA2R-1-00002	556718.1	4482566	12.305	1	Not Selected	backup dig
	TDSA2R-4-00060	556747.4	4483043	8.094	1	Not Selected	backup dig
	TDSA2R-5-00011	556678.4	4483020	303.252	3	Not Selected	backup dig
	TDSA2R-4-00043	556737.4	4483013	6512.777	3	Not Selected	backup dig
	TDSA2R-4-00003	556690.8	4482954	149.776	1	Not Selected	backup dig
	TDSA2R-4-00052	556750.5	4483028	5508.917	3	Not Selected	backup dig
	TDSA2R-7-00002	556523.3	4483074	71.321	1	Not Selected	backup dig
	TDSA2R-1-00020	556769.9	4482664	53.716	1	Not Selected	backup dig
	TDSA2R-6-00028	556700.8	4483178	4.411	1	Not Selected	backup dig
	TDSA2R-2-00023	556855.4	4482934	88.67	1	Not Selected	backup dig
	TDSA2R-5-00014	556674.9	4483023	159.239	3	Not Selected	backup dig
	TDSA2R-3-00001	556587.8	4482641	7.162	1	Not Selected	backup dig
	TDSA2R-3-00011	556696.1	4482817	7.521	1	Not Selected	backup dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
	TDSA2R-4-00001	556689.6	4482952	188.973	3	Not Selected	backup dig
	TDSA2R-1-00059	556837.1	4482759	15.988	1	Not Selected	backup dig
	TDSA2R-6-00031	556705.6	4483185	13.535	1	Not Selected	backup dig
	TDSA2R-3-00034	556770.5	4482938	16.3	1	Not Selected	backup dig
	TDSA2R-4-00020	556710	4482987	9.893	1	Not Selected	backup dig
	TDSA2R-4-00015	556702.8	4482978	5.997	1	Not Selected	backup dig
	TDSA2R-4-00014	556702.7	4482976	14.807	1	Not Selected	backup dig
	TDSA2R-6-00010	556658.3	4483120	63.153	1	Not Selected	backup dig
	TDSA2R-5-00015	556675.8	4483024	173.853	3	Not Selected	backup dig
	TDSA2R-5-00025	556685.7	4483038	972.833	3	Not Selected	backup dig
	TDSA2R-1-00024	556784.4	4482689	96.545	1	Not Selected	backup dig
	TDSA2R-1-00001	556716.8	4482564	77.315	1	Not Selected	backup dig
	TDSA2R-2-00002	556630.2	4482583	1279.514	3	Not Selected	backup dig
	TDSA2R-2-00011	556674.9	4482651	13.389	1	Not Selected	backup dig
	TDSA2R-2-00018	556752.3	4482775	6.818	1	Not Selected	backup dig
	TDSA2R-6-00015	556665.2	4483130	25.299	1	Not Selected	backup dig
	TDSA2R-6-00029	556702.1	4483180	8.225	1	Not Selected	backup dig
	TDSA2R-5-00005	556676.9	4483013	39.629	1	Not Selected	backup dig
	TDSA2R-6-00004	556649.9	4483107	14.791	1	Not Selected	backup dig
	TDSA2R-3-00004	556610.6	4482676	15.473	1	Not Selected	backup dig
	TDSA2R-1-00067	556846.8	4482774	41.654	1	Not Selected	backup dig
	TDSA2R-3-00028	556742.3	4482896	14.877	1	Not Selected	backup dig
	TDSA2R-4-00031	556718.1	4483001	13.964	1	Not Selected	backup dig
	TDSA2R-2-00012	556684.2	4482667	13.078	1	Not Selected	backup dig
	TDSA2R-9-00001	556526.4	4483324	5.054	1	Not Selected	backup dig
	TDSA2R-4-00053	556749.3	4483030	8457.676	3	Not Selected	backup dig
	TDSA2R-5-00006	556679	4483014	182.164	3	Not Selected	backup dig
	TDSA2R-4-00036	556725.6	4483004	669.073	3	Not Selected	backup dig
	TDSA2R-1-00038	556812.6	4482715	25.683	1	Not Selected	backup dig
	TDSA2R-1-00029	556794.1	4482691	624.535	1	Not Selected	backup dig
	TDSA2R-2-00028	556862.3	4482953	1037.587	1	Not Selected	backup dig
	TDSA2R-4-00024	556717.1	4482997	9.893	1	Not Selected	backup dig
	TDSA2R-2-00008	556652.6	4482609	12.31	1	Not Selected	backup dig
	TDSA2R-6-00024	556692.6	4483165	8.166	1	Not Selected	backup dig
	TDSA2R-4-00019	556706.9	4482986	191.62	1	Not Selected	backup dig
	TDSA2R-1-00056	556835	4482755	19.677	1	Not Selected	backup dig
	TDSA2R-3-00023	556728.5	4482868	5.61	1	Not Selected	backup dig
	TDSA2R-4-00051	556748	4483026	9191.377	3	Not Selected	backup dig
	TDSA2R-5-00038	556697.6	4483051	989.686	3	Not Selected	backup dig
	TDSA2R-3-00014	556705.2	4482829	59.315	1	Not Selected	backup dig
	TDSA2R-4-00002	556688.2	4482953	805.117	3	Not Selected	backup dig
	TDSA2R-5-00021	556679.7	4483032	408.483	3	Not Selected	backup dig
	TDSA2R-4-00004	556690.7	4482957	40.858	1	Not Selected	backup dig
	TDSA2R-4-00038	556727.3	4483007	1308.508	3	Not Selected	backup dig
	TDSA2R-1-00027	556790.6	4482689	57.488	1	Not Selected	backup dig
	TDSA2R-4-00033	556720.4	4483003	107.569	1	Not Selected	backup dig
	TDSA2R-2-00021	556782.3	4482824	8.339	1	Not Selected	backup dig
	TDSA2R-3-00019	556713.5	4482843	9.94	1	Not Selected	backup dig

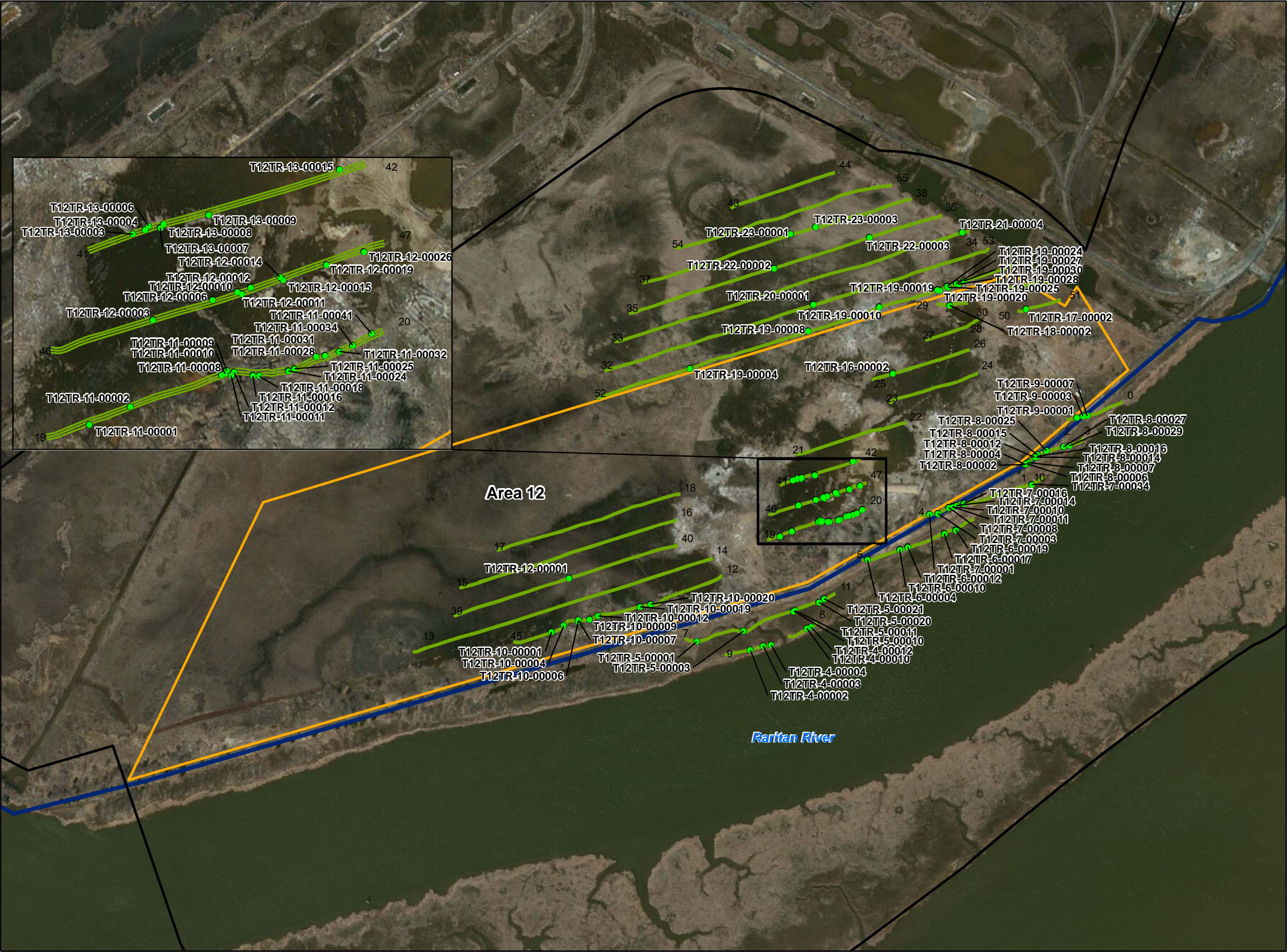
# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
	TDSA2R-4-00017	556706	4482981	7.898	1	Not Selected	backup dig
	TDSA2R-4-00039	556727.9	4483009	105.61	3	Not Selected	backup dig
	TDSA2R-9-00002	556527.2	4483326	6.114	1	Not Selected	backup dig
	TDSA2R-5-00019	556677	4483028	219.461	3	Not Selected	backup dig
	TDSA2R-5-00027	556687.4	4483041	594.249	3	Not Selected	backup dig
	TDSA2R-3-00032	556764.6	4482930	9.764	1	Not Selected	backup dig
	TDSA2R-1-00080	556857.9	4482800	328.773	1	Not Selected	backup dig
	TDSA2R-6-00027	556696	4483169	13.159	1	Not Selected	backup dig
	TDSA2R-5-00026	556685.2	4483040	299.611	3	Not Selected	backup dig
	TDSA2R-5-00018	556675.2	4483027	277.95	3	Not Selected	backup dig
	TDSA2R-1-00087	556867.9	4482817	39.407	3	Not Selected	backup dig
	TDSA2R-4-00016	556704.8	4482979	89.576	1	Not Selected	backup dig
	TDSA2R-6-00018	556673.3	4483140	4.722	1	Not Selected	backup dig
	TDSA2R-6-00012	556658	4483121	25.416	1	Not Selected	backup dig
	TDSA2R-6-00003	556617.6	4483062	9.195	1	Not Selected	backup dig
	TDSA2R-1-00063	556840.7	4482762	27.532	1	Not Selected	backup dig
	TDSA2R-1-00066	556845.5	4482773	24.619	1	Not Selected	backup dig
	TDSA2R-5-00013	556676.1	4483022	132.989	3	Not Selected	backup dig
	TDSA2R-1-00068	556847	4482776	36.499	1	Not Selected	backup dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig
1	TDSA3R-5-00001	555393.43	4482082.3	34.525	1	QC SEED	Dig
2	TDSA3R-8-00001	555692.02	4482293.8	34.596	1	QC SEED	Dig
3	TDSA3R-10-00003	555892.45	4482581	4.61	1	RANDOM	Dig
4	TDSA3R-13-00003	556185.97	4482702.7	2738.168	3	RANDOM	Dig
5	TDSA3R-11-00001	555991.61	4482575.7	121.837	1	RANDOM	Dig
6	TDSA3R-4-00008	555294.14	4481984.6	4.316	1	RANDOM	Dig
7	TDSA3R-3-00002	555192.64	4481914.6	17.228	1	RANDOM	Dig
8	TDSA3R-2-00001	555094.81	4482054.8	4.744	1	RANDOM	Dig
9	TDSA3R-6-00002	555492.86	4482392.2	94.917	1	RANDOM	Dig
10	TDSA3R-3-00004	555195.38	4481932.2	4.88	1	RANDOM	Dig
11	TDSA3R-6-00005	555493.11	4482395.8	25.965	1	RANDOM	Dig
12	TDSA3R-13-00002	556186.73	4482701.5	1677.325	3	RANDOM	Dig
13	TDSA3R-10-00002	555892.48	4482575.8	6.273	1	RANDOM	Dig
	TDSA3R-3-00003	555194.77	4481929.7	4.635	1	Not Selected	Backup Dig

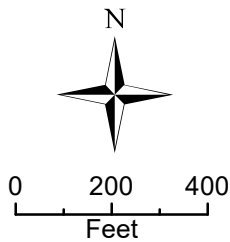
# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
1	T30DSA5R-4-00003	557381.104	4481812.879	50.622	1	QC SEED	Dig
2	TDSA5R-16-00001	556404.306	4481303.768	14.934	1	QC SEED	Dig
3	TDSA5R-9-00147	555708.3	4481143.35	34.994	1	QC SEED	Dig
4	TDSA5R-4-00036	555219.95	4481215	659.243	3	RANDOM	Dig
5	TDSA5R-17-00001	556587.3	4481127.3	8.781	1	RANDOM	Dig
6	TDSA5R-4-00038	555219.3	4481217.6	420.37	3	RANDOM	Dig
7	TDSA5R-12-00006	556038.764	4481127.252	39.827	1	RANDOM	Dig
8	T30DSA5R-7-00011	557390.748	4481952.973	13.448	1	RANDOM	Dig
9	T30DSA5R-7-00006	557329.855	4481888.922	61.704	1	RANDOM	Dig
10	TDSA5R-6-00074	555462.405	4480940.561	33.707	1	RANDOM	Dig
11	TDSA5R-4-00034	555220.95	4481209.65	770.475	3	RANDOM	Dig
12	TDSA5R-6-00003	555506.4	4480768.35	184.635	3	RANDOM	Dig
13	TDSA5R-12-00009	556036.5	4481149.5	55.581	1	RANDOM	Dig
14	TDSA5R-11-00003	555974.25	4481017.35	24.314	1	RANDOM	Dig
15	TDSA5R-12-00001	556044.3	4481095.8	7.909	1	RANDOM	Dig
16	T30DSA5R-7-00010	557388.009	4481948.914	27.334	1	RANDOM	Dig
17	TDSA5R-12-00008	556037.1	4481136	60.157	1	RANDOM	Dig
18	TDSA5R-22A-00003	557072.4	4481273.25	4.27	1	RANDOM	Dig
19	TDSA5R-10-00001	555882.3	4481006.1	215.071	3	RANDOM	Dig
20	T30DSA5R-7-00009	557386.708	4481947.492	124.939	1	RANDOM	Dig
21	TDSA5R-22A-00010	557002.95	4481557.8	5.404	1	RANDOM	Dig
22	TDSA5R-24-00006	557224.411	4481457.969	10.971	1	RANDOM	Dig
23	TDSA5R-4-00031	555220.5	4481205	631.377	3	RANDOM	Dig
24	TDSA5R-11-00001	555975.95	4481013.9	70.764	1	RANDOM	Dig
25	T30DSA5R-6-00007	557392.136	4481899.409	6.805	1	RANDOM	Dig
26	TDSA5R-12-00003	556040.309	4481114.105	16.846	1	RANDOM	Dig
27	TDSA5R-6-00251	555404.25	4481219.1	32.962	1	RANDOM	Dig
28	TDSA5R-12-00015	556031.948	4481217.008	79.25	1	RANDOM	Dig
29	T30DSA5R-7-00004	557327.841	4481887.052	29.544	1	RANDOM	Dig
30	TDSA5R-4-00047	555216.3	4481231.4	605.13	3	RANDOM	Dig
31	TDSA5R-7-00004	555597.889	4480841.335	1040.31	3	RANDOM	Dig
32	TDSA5R-4-00035	555220.95	4481212.2	585.605	3	RANDOM	Dig
33	TDSA5R-12-00004	556041.597	4481115.098	277.654	1	RANDOM	Dig
34	T30DSA5R-6-00002	557171.359	4481731.783	20.759	1	RANDOM	Dig
35	TDSA5R-6-00001	555508.05	4480764.3	53.181	3	RANDOM	Dig
36	TDSA5R-7-00005	555599.2	4480843.05	3476.373	3	RANDOM	Dig
37	TDSA5R-22A-00009	557004.063	4481557.736	18.138	1	RANDOM	Dig
38	TDSA5R-6-00006	555506.7	4480773.3	89.867	3	RANDOM	Dig
39	T30DSA5R-6-00006	557389.858	4481896.091	7.726	1	RANDOM	Dig
40	TDSA5R-6-00007	555506.25	4480775.55	91.751	3	RANDOM	Dig
41	TDSA5R-4-00044	555215.85	4481227.9	599.496	3	RANDOM	Dig
42	TDSA5R-4-00046	555214.5	4481230.35	447.241	3	RANDOM	Dig
43	TDSA5R-4-00033	555219.9	4481208	765.36	3	RANDOM	Dig
44	TDSA5R-12-00005	556040.035	4481117.826	35.424	1	RANDOM	Dig
45	TDSA5R-22A-00008	557004.103	4481544.977	17.654	1	RANDOM	Dig
46	TDSA5R-17-00002	556585.964	4481129.629	4.798	1	RANDOM	Dig
47	TDSA5R-7-00001	555602.4	4480834.2	630.222	3	RANDOM	Dig
48	TDSA5R-20-00002	556823.4	4481372.25	5.237	1	RANDOM	Dig
49	TDSA5R-6-00004	555508.8	4480771.35	74.321	3	RANDOM	Dig
50	TDSA5R-4-00041	555218.4	4481224.05	370.9	3	RANDOM	Dig

# of Anomalies	anoAnomalyID	anoX1	anoY1	anoAmplitude	anoType	Selection Method	Dig or Backup Dig?
51	TDSA5R-6-00005	555506.7	4480771.8	141.536	3	RANDOM	Dig
52	TDSA5R-24-00001	557257.8	4481317.2	6.706	1	RANDOM	Dig
53	TDSA5R-22A-00007	557005.35	4481544.75	82.268	1	RANDOM	Dig
54	TDSA5R-4-00037	555220.5	4481216.4	731.631	3	RANDOM	Dig
55	TDSA5R-22A-00011	557004.75	4481558.55	82.59	1	RANDOM	Dig
56	TDSA5R-14-00001	556193.1	4481270.1	32.46	1	RANDOM	Dig
57	TDSA5R-4-00066	555207.75	4481259.3	261.343	1	RANDOM	Dig
58	TDSA5R-4-00045	555217.65	4481227.95	449.709	3	RANDOM	Dig
59	TDSA5R-4-00043	555216.3	4481226.3	602.514	3	RANDOM	Dig
60	TDSA5R-5-00057	555322.4	4481164.85	158.64	1	RANDOM	Dig
61	T30DSA5R-6-00004	557243.082	4481797.657	89.856	1	RANDOM	Dig
62	TDSA5R-12-00011	556029.289	4481176.157	29.267	1	RANDOM	Dig
63	TDSA5R-4-00042	555218.55	4481225.85	361.943	3	RANDOM	Dig
64	TDSA5R-12-00012	556029.087	4481178.082	12.66	1	RANDOM	Dig
65	TDSA5R-19-00001	556703.7	4481410.95	69.495	1	RANDOM	Dig
66	T30DSA5R-7-00002	557217.861	4481802.481	7.533	1	RANDOM	Dig

Attachment B – Figures Showing Locations of Anomalies Selected for Intrusive Investigation



- LEGEND**
- Area 12 Anomalies to be Investigated
 - Area 12 Transect Paths
 - Local Road
 - Railroads
 - Area Boundary
 - Location of MEC Operations
 - Former Raritan Arsenal



Area 12
Anomalies for Investigation
RI/FS Work Plan
Former Raritan Arsenal, Edison, NJ



CH2MHILL



- LEGEND**
- DSA1 Anomalies to be Investigated
 - DSA1 Transects Paths
 - Local Road
 - Railroads
 - Historical Railroads
 - Dredge Spoils Area
 - Location of MEC Operations
 - Pits Identified on 1963 Aerial Photograph
 - Former Raritan Arsenal Boundary



0 120 240
Feet

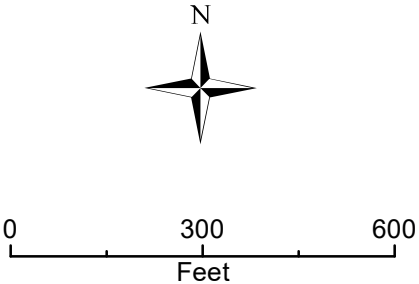


DSA 1
DSA DGM Transects
RI/FS Work Plan
Former Raritan Arsenal, Edison, NJ



LEGEND

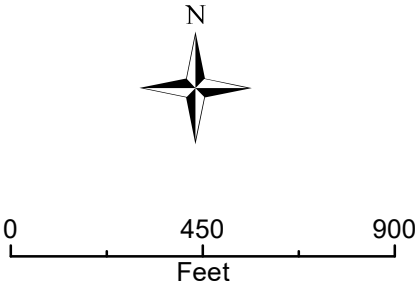
- DSA2 Anomalies to be Investigated
- DSA2 Transect Paths
- Local Road
- Railroads
- Dredge Spoils Area
- Location of MEC Operations
- Former Raritan Arsenal Boundary



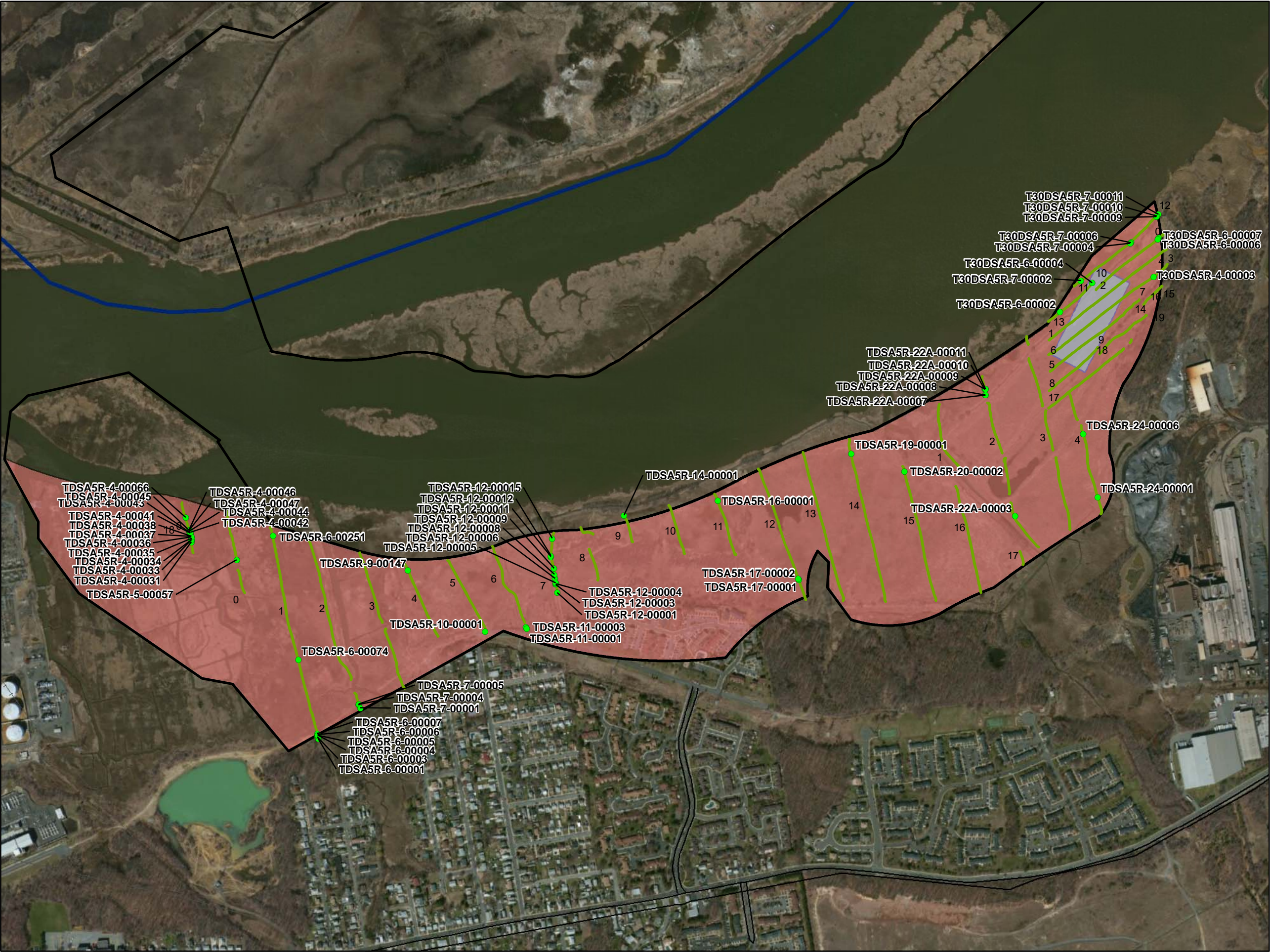
DSA 2
Anomalies for Investigation
RI/FS Work Plan
Former Raritan Arsenal, Edison, NJ



- LEGEND**
- DSA3 Anomalies to be Investigated
 - DSA3 Transect Paths
 - Local Road
 - Railroads
 - Historical Railroads
 - Dredge Spoils Area
 - Location of MEC Operations
 - Former Raritan Arsenal Boundary



DSA 3
Anomalies for Investigation
RI/FS Work Plan
Former Raritan Arsenal, Edison, NJ



LEGEND

- DSA5 Anomalies to be Investigated
- DSA5 Transect Paths
- Local Road
- Railroads
- Dredge Spoils Area
- Location of MEC Operations
- Former Raritan Arsenal Boundary



0 700 1,400
Feet



DSA 5
Anomalies for Investigation
RI/FS Work Plan
Former Raritan Arsenal, Edison, NJ

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556537.6691	4484085.218	7
556537.6691	4484089.238	6
556537.6691	4484093.258	11
556541.6762	4484085.218	7
556541.6762	4484089.238	5
556541.6762	4484093.258	5
556541.6762	4484097.277	4
556545.6833	4484081.199	10
556545.6833	4484085.218	6
556545.6833	4484089.238	7
556545.6833	4484093.258	7
556545.6833	4484097.277	7
556545.6833	4484101.297	7
556549.6904	4484081.199	7
556549.6904	4484085.218	8
556549.6904	4484089.238	10
556549.6904	4484093.258	11
556549.6904	4484097.277	12
556549.6904	4484101.297	12
556549.6904	4484105.316	12
556549.6904	4484109.336	11
556553.6975	4484077.179	9
556553.6975	4484081.199	10
556553.6975	4484085.218	11
556553.6975	4484089.238	13
556553.6975	4484093.258	15
556553.6975	4484097.277	17
556553.6975	4484101.297	19
556553.6975	4484105.316	20
556553.6975	4484109.336	21
556553.6975	4484113.356	18
556557.7045	4484073.16	13
556557.7045	4484077.179	10
556557.7045	4484081.199	13
556557.7045	4484085.218	15
556557.7045	4484089.238	17
556557.7045	4484093.258	20
556557.7045	4484097.277	23
556557.7045	4484101.297	28

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556557.7045	4484105.316	31
556557.7045	4484109.336	32
556557.7045	4484113.356	30
556557.7045	4484117.375	27
556557.7045	4484121.395	24
556561.7116	4484069.14	11
556561.7116	4484073.16	14
556561.7116	4484077.179	19
556561.7116	4484081.199	24
556561.7116	4484085.218	32
556561.7116	4484089.238	21
556561.7116	4484093.258	26
556561.7116	4484097.277	31
556561.7116	4484101.297	35
556561.7116	4484105.316	40
556561.7116	4484109.336	43
556561.7116	4484113.356	44
556561.7116	4484117.375	48
556561.7116	4484121.395	40
556561.7116	4484125.414	26
556565.7187	4484065.12	5
556565.7187	4484069.14	13
556565.7187	4484073.16	16
556565.7187	4484077.179	13
556565.7187	4484081.199	16
556565.7187	4484085.218	21
556565.7187	4484089.238	26
556565.7187	4484093.258	31
556565.7187	4484097.277	36
556565.7187	4484101.297	43
556565.7187	4484105.316	48
556565.7187	4484109.336	54
556565.7187	4484113.356	61
556565.7187	4484117.375	66
556565.7187	4484121.395	64
556565.7187	4484125.414	58
556565.7187	4484129.434	39
556569.7258	4484061.101	5
556569.7258	4484065.12	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556569.7258	4484069.14	10
556569.7258	4484073.16	17
556569.7258	4484077.179	16
556569.7258	4484081.199	19
556569.7258	4484085.218	25
556569.7258	4484089.238	29
556569.7258	4484093.258	36
556569.7258	4484097.277	44
556569.7258	4484101.297	51
556569.7258	4484105.316	58
556569.7258	4484109.336	67
556569.7258	4484113.356	79
556569.7258	4484117.375	85
556569.7258	4484121.395	91
556569.7258	4484125.414	100
556569.7258	4484129.434	121
556569.7258	4484133.454	106
556573.7329	4484061.101	4
556573.7329	4484065.12	8
556573.7329	4484069.14	10
556573.7329	4484073.16	15
556573.7329	4484077.179	16
556573.7329	4484081.199	22
556573.7329	4484085.218	25
556573.7329	4484089.238	32
556573.7329	4484093.258	40
556573.7329	4484097.277	49
556573.7329	4484101.297	57
556573.7329	4484105.316	66
556573.7329	4484109.336	81
556573.7329	4484113.356	92
556573.7329	4484117.375	102
556573.7329	4484121.395	111
556573.7329	4484125.414	123
556573.7329	4484129.434	141
556573.7329	4484133.454	130
556577.74	4484057.081	3
556577.74	4484061.101	5
556577.74	4484065.12	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556577.74	4484069.14	11
556577.74	4484073.16	21
556577.74	4484077.179	18
556577.74	4484081.199	20
556577.74	4484085.218	27
556577.74	4484089.238	34
556577.74	4484093.258	42
556577.74	4484097.277	51
556577.74	4484101.297	61
556577.74	4484105.316	75
556577.74	4484109.336	87
556577.74	4484113.356	102
556577.74	4484117.375	115
556577.74	4484121.395	123
556577.74	4484125.414	125
556577.74	4484129.434	128
556577.74	4484133.454	128
556577.74	4484137.473	117
556581.747	4484053.062	2
556581.747	4484057.081	2
556581.747	4484061.101	6
556581.747	4484065.12	8
556581.747	4484069.14	10
556581.747	4484073.16	23
556581.747	4484077.179	31
556581.747	4484081.199	21
556581.747	4484085.218	26
556581.747	4484089.238	35
556581.747	4484093.258	42
556581.747	4484097.277	51
556581.747	4484101.297	61
556581.747	4484105.316	75
556581.747	4484109.336	88
556581.747	4484113.356	106
556581.747	4484117.375	126
556581.747	4484121.395	136
556581.747	4484125.414	129
556581.747	4484129.434	128
556581.747	4484133.454	126

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556581.747	4484137.473	119
556581.747	4484141.493	108
556585.7541	4484049.042	1
556585.7541	4484053.062	2
556585.7541	4484057.081	3
556585.7541	4484061.101	4
556585.7541	4484065.12	8
556585.7541	4484069.14	21
556585.7541	4484073.16	25
556585.7541	4484077.179	30
556585.7541	4484081.199	24
556585.7541	4484085.218	29
556585.7541	4484089.238	35
556585.7541	4484093.258	42
556585.7541	4484097.277	50
556585.7541	4484101.297	61
556585.7541	4484105.316	70
556585.7541	4484109.336	81
556585.7541	4484113.356	99
556585.7541	4484117.375	132
556585.7541	4484121.395	147
556585.7541	4484125.414	137
556585.7541	4484129.434	130
556585.7541	4484133.454	124
556585.7541	4484137.473	118
556585.7541	4484141.493	104
556589.7612	4484049.042	2
556589.7612	4484053.062	2
556589.7612	4484057.081	3
556589.7612	4484061.101	4
556589.7612	4484065.12	15
556589.7612	4484069.14	22
556589.7612	4484073.16	26
556589.7612	4484077.179	34
556589.7612	4484081.199	30
556589.7612	4484085.218	36
556589.7612	4484089.238	38
556589.7612	4484093.258	40
556589.7612	4484097.277	50

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556589.7612	4484101.297	56
556589.7612	4484105.316	62
556589.7612	4484109.336	68
556589.7612	4484113.356	73
556589.7612	4484117.375	106
556589.7612	4484121.395	129
556589.7612	4484125.414	129
556589.7612	4484129.434	125
556589.7612	4484133.454	120
556589.7612	4484137.473	110
556589.7612	4484141.493	101
556589.7612	4484145.512	92
556593.7683	4484045.022	2
556593.7683	4484049.042	2
556593.7683	4484053.062	2
556593.7683	4484057.081	3
556593.7683	4484061.101	8
556593.7683	4484065.12	16
556593.7683	4484069.14	18
556593.7683	4484073.16	25
556593.7683	4484077.179	28
556593.7683	4484081.199	36
556593.7683	4484085.218	30
556593.7683	4484089.238	34
556593.7683	4484093.258	44
556593.7683	4484097.277	45
556593.7683	4484101.297	51
556593.7683	4484105.316	56
556593.7683	4484109.336	58
556593.7683	4484113.356	61
556593.7683	4484117.375	81
556593.7683	4484121.395	104
556593.7683	4484125.414	112
556593.7683	4484129.434	114
556593.7683	4484133.454	107
556593.7683	4484137.473	102
556593.7683	4484141.493	94
556593.7683	4484145.512	86
556593.7683	4484149.532	79

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556597.7754	4484045.022	1
556597.7754	4484049.042	1
556597.7754	4484053.062	2
556597.7754	4484057.081	6
556597.7754	4484061.101	7
556597.7754	4484065.12	16
556597.7754	4484069.14	22
556597.7754	4484073.16	20
556597.7754	4484077.179	24
556597.7754	4484081.199	31
556597.7754	4484085.218	32
556597.7754	4484089.238	36
556597.7754	4484093.258	45
556597.7754	4484097.277	43
556597.7754	4484101.297	47
556597.7754	4484105.316	53
556597.7754	4484109.336	56
556597.7754	4484113.356	60
556597.7754	4484117.375	73
556597.7754	4484121.395	87
556597.7754	4484125.414	97
556597.7754	4484129.434	97
556597.7754	4484133.454	90
556597.7754	4484137.473	86
556597.7754	4484141.493	82
556597.7754	4484145.512	75
556597.7754	4484149.532	73
556601.7824	4484036.983	3
556601.7824	4484041.003	3
556601.7824	4484045.022	3
556601.7824	4484049.042	1
556601.7824	4484053.062	4
556601.7824	4484057.081	5
556601.7824	4484061.101	9
556601.7824	4484065.12	17
556601.7824	4484069.14	21
556601.7824	4484073.16	21
556601.7824	4484077.179	21
556601.7824	4484081.199	23

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556601.7824	4484085.218	25
556601.7824	4484089.238	33
556601.7824	4484093.258	35
556601.7824	4484097.277	36
556601.7824	4484101.297	38
556601.7824	4484105.316	44
556601.7824	4484109.336	52
556601.7824	4484113.356	57
556601.7824	4484117.375	66
556601.7824	4484121.395	76
556601.7824	4484125.414	80
556601.7824	4484129.434	83
556601.7824	4484133.454	78
556601.7824	4484137.473	76
556601.7824	4484141.493	73
556601.7824	4484145.512	67
556601.7824	4484149.532	65
556601.7824	4484153.552	60
556605.7895	4484032.964	2
556605.7895	4484036.983	5
556605.7895	4484041.003	5
556605.7895	4484045.022	5
556605.7895	4484049.042	5
556605.7895	4484053.062	8
556605.7895	4484057.081	6
556605.7895	4484061.101	7
556605.7895	4484065.12	15
556605.7895	4484069.14	22
556605.7895	4484073.16	19
556605.7895	4484077.179	17
556605.7895	4484081.199	17
556605.7895	4484085.218	24
556605.7895	4484089.238	26
556605.7895	4484093.258	29
556605.7895	4484097.277	31
556605.7895	4484101.297	30
556605.7895	4484105.316	29
556605.7895	4484109.336	40
556605.7895	4484113.356	49

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556605.7895	4484117.375	57
556605.7895	4484121.395	62
556605.7895	4484125.414	67
556605.7895	4484129.434	71
556605.7895	4484133.454	66
556605.7895	4484137.473	66
556605.7895	4484141.493	64
556605.7895	4484145.512	60
556605.7895	4484149.532	57
556605.7895	4484153.552	52
556609.7966	4484028.944	2
556609.7966	4484032.964	5
556609.7966	4484036.983	5
556609.7966	4484041.003	6
556609.7966	4484045.022	6
556609.7966	4484049.042	7
556609.7966	4484053.062	11
556609.7966	4484057.081	11
556609.7966	4484061.101	6
556609.7966	4484065.12	13
556609.7966	4484069.14	20
556609.7966	4484073.16	17
556609.7966	4484077.179	14
556609.7966	4484081.199	18
556609.7966	4484085.218	17
556609.7966	4484089.238	19
556609.7966	4484093.258	23
556609.7966	4484097.277	29
556609.7966	4484101.297	29
556609.7966	4484105.316	29
556609.7966	4484109.336	35
556609.7966	4484113.356	41
556609.7966	4484117.375	46
556609.7966	4484121.395	51
556609.7966	4484125.414	56
556609.7966	4484129.434	61
556609.7966	4484133.454	56
556609.7966	4484137.473	55
556609.7966	4484141.493	55

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556609.7966	4484145.512	51
556609.7966	4484149.532	47
556609.7966	4484153.552	44
556609.7966	4484157.571	40
556613.8037	4484028.944	5
556613.8037	4484032.964	6
556613.8037	4484036.983	7
556613.8037	4484041.003	8
556613.8037	4484045.022	10
556613.8037	4484049.042	11
556613.8037	4484053.062	13
556613.8037	4484057.081	13
556613.8037	4484061.101	14
556613.8037	4484065.12	11
556613.8037	4484069.14	10
556613.8037	4484073.16	10
556613.8037	4484077.179	9
556613.8037	4484081.199	11
556613.8037	4484085.218	10
556613.8037	4484089.238	10
556613.8037	4484093.258	16
556613.8037	4484097.277	26
556613.8037	4484101.297	26
556613.8037	4484105.316	28
556613.8037	4484109.336	32
556613.8037	4484113.356	34
556613.8037	4484117.375	36
556613.8037	4484121.395	36
556613.8037	4484125.414	44
556613.8037	4484129.434	47
556613.8037	4484133.454	48
556613.8037	4484137.473	46
556613.8037	4484141.493	43
556613.8037	4484145.512	41
556613.8037	4484149.532	38
556613.8037	4484153.552	36
556613.8037	4484157.571	33
556613.8037	4484161.591	31
556617.8108	4484024.924	5

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556617.8108	4484028.944	7
556617.8108	4484032.964	8
556617.8108	4484036.983	10
556617.8108	4484041.003	12
556617.8108	4484045.022	13
556617.8108	4484049.042	14
556617.8108	4484053.062	14
556617.8108	4484057.081	13
556617.8108	4484061.101	11
556617.8108	4484065.12	8
556617.8108	4484069.14	6
556617.8108	4484073.16	6
556617.8108	4484077.179	7
556617.8108	4484081.199	6
556617.8108	4484085.218	4
556617.8108	4484089.238	2
556617.8108	4484097.277	13
556617.8108	4484101.297	20
556617.8108	4484105.316	25
556617.8108	4484109.336	32
556617.8108	4484113.356	25
556617.8108	4484117.375	32
556617.8108	4484121.395	31
556617.8108	4484125.414	28
556617.8108	4484129.434	35
556617.8108	4484133.454	38
556617.8108	4484137.473	39
556617.8108	4484141.493	37
556617.8108	4484145.512	32
556617.8108	4484149.532	32
556617.8108	4484153.552	28
556617.8108	4484157.571	27
556617.8108	4484161.591	25
556621.8178	4484024.924	7
556621.8178	4484028.944	9
556621.8178	4484032.964	11
556621.8178	4484036.983	13
556621.8178	4484041.003	16
556621.8178	4484045.022	19

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556621.8178	4484049.042	19
556621.8178	4484053.062	16
556621.8178	4484057.081	18
556621.8178	4484061.101	15
556621.8178	4484065.12	11
556621.8178	4484069.14	7
556621.8178	4484073.16	6
556621.8178	4484077.179	5
556621.8178	4484081.199	3
556621.8178	4484085.218	1
556621.8178	4484093.258	1
556621.8178	4484097.277	8
556621.8178	4484101.297	16
556621.8178	4484105.316	22
556621.8178	4484109.336	24
556621.8178	4484113.356	29
556621.8178	4484117.375	34
556621.8178	4484121.395	37
556621.8178	4484125.414	30
556621.8178	4484129.434	30
556621.8178	4484133.454	21
556621.8178	4484137.473	30
556621.8178	4484141.493	27
556621.8178	4484145.512	26
556621.8178	4484149.532	22
556621.8178	4484153.552	21
556621.8178	4484157.571	20
556621.8178	4484161.591	17
556625.8249	4484020.905	9
556625.8249	4484024.924	9
556625.8249	4484028.944	12
556625.8249	4484032.964	15
556625.8249	4484036.983	17
556625.8249	4484041.003	22
556625.8249	4484045.022	24
556625.8249	4484049.042	23
556625.8249	4484053.062	23
556625.8249	4484057.081	23
556625.8249	4484061.101	20

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556625.8249	4484065.12	14
556625.8249	4484069.14	12
556625.8249	4484073.16	6
556625.8249	4484077.179	3
556625.8249	4484081.199	1
556625.8249	4484093.258	2
556625.8249	4484097.277	7
556625.8249	4484101.297	14
556625.8249	4484105.316	21
556625.8249	4484109.336	22
556625.8249	4484113.356	27
556625.8249	4484117.375	30
556625.8249	4484121.395	33
556625.8249	4484125.414	31
556625.8249	4484129.434	27
556625.8249	4484133.454	16
556625.8249	4484137.473	14
556625.8249	4484141.493	20
556625.8249	4484145.512	20
556625.8249	4484149.532	17
556625.8249	4484153.552	14
556625.8249	4484157.571	13
556629.832	4484020.905	8
556629.832	4484024.924	8
556629.832	4484028.944	11
556629.832	4484032.964	18
556629.832	4484036.983	23
556629.832	4484041.003	25
556629.832	4484045.022	30
556629.832	4484049.042	29
556629.832	4484053.062	29
556629.832	4484057.081	28
556629.832	4484061.101	24
556629.832	4484065.12	19
556629.832	4484069.14	14
556629.832	4484073.16	6
556629.832	4484077.179	2
556629.832	4484089.238	2
556629.832	4484093.258	4

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556629.832	4484097.277	8
556629.832	4484101.297	16
556629.832	4484105.316	16
556629.832	4484109.336	20
556629.832	4484113.356	23
556629.832	4484117.375	27
556629.832	4484121.395	28
556629.832	4484125.414	26
556629.832	4484129.434	24
556629.832	4484133.454	12
556629.832	4484137.473	11
556629.832	4484141.493	11
556629.832	4484145.512	15
556629.832	4484149.532	12
556629.832	4484153.552	11
556633.8391	4484016.885	9
556633.8391	4484020.905	9
556633.8391	4484024.924	10
556633.8391	4484028.944	13
556633.8391	4484032.964	21
556633.8391	4484036.983	26
556633.8391	4484041.003	31
556633.8391	4484045.022	35
556633.8391	4484049.042	38
556633.8391	4484053.062	36
556633.8391	4484057.081	34
556633.8391	4484061.101	32
556633.8391	4484065.12	28
556633.8391	4484069.14	18
556633.8391	4484073.16	7
556633.8391	4484077.179	1
556633.8391	4484085.218	2
556633.8391	4484089.238	4
556633.8391	4484093.258	7
556633.8391	4484097.277	11
556633.8391	4484101.297	14
556633.8391	4484105.316	19
556633.8391	4484109.336	20
556633.8391	4484113.356	19

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556633.8391	4484117.375	22
556633.8391	4484121.395	24
556633.8391	4484125.414	19
556633.8391	4484129.434	10
556633.8391	4484133.454	8
556633.8391	4484137.473	9
556633.8391	4484141.493	7
556633.8391	4484145.512	7
556633.8391	4484149.532	9
556637.8462	4484012.866	6
556637.8462	4484016.885	10
556637.8462	4484020.905	13
556637.8462	4484024.924	12
556637.8462	4484028.944	17
556637.8462	4484032.964	20
556637.8462	4484036.983	25
556637.8462	4484041.003	32
556637.8462	4484045.022	40
556637.8462	4484049.042	43
556637.8462	4484053.062	43
556637.8462	4484057.081	42
556637.8462	4484061.101	43
556637.8462	4484065.12	39
556637.8462	4484069.14	28
556637.8462	4484073.16	10
556637.8462	4484081.199	3
556637.8462	4484085.218	7
556637.8462	4484089.238	10
556637.8462	4484093.258	12
556637.8462	4484097.277	12
556637.8462	4484101.297	17
556637.8462	4484105.316	21
556637.8462	4484109.336	24
556637.8462	4484113.356	22
556637.8462	4484117.375	23
556637.8462	4484121.395	15
556637.8462	4484125.414	16
556637.8462	4484129.434	7
556637.8462	4484133.454	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556637.8462	4484137.473	5
556637.8462	4484141.493	6
556637.8462	4484145.512	4
556637.8462	4484149.532	3
556641.8533	4484008.846	3
556641.8533	4484012.866	9
556641.8533	4484016.885	10
556641.8533	4484020.905	8
556641.8533	4484024.924	12
556641.8533	4484028.944	18
556641.8533	4484032.964	24
556641.8533	4484036.983	30
556641.8533	4484041.003	32
556641.8533	4484045.022	39
556641.8533	4484049.042	45
556641.8533	4484053.062	49
556641.8533	4484057.081	55
556641.8533	4484061.101	56
556641.8533	4484065.12	55
556641.8533	4484069.14	48
556641.8533	4484073.16	29
556641.8533	4484077.179	12
556641.8533	4484081.199	15
556641.8533	4484085.218	17
556641.8533	4484089.238	18
556641.8533	4484093.258	19
556641.8533	4484097.277	15
556641.8533	4484101.297	14
556641.8533	4484105.316	24
556641.8533	4484109.336	24
556641.8533	4484113.356	25
556641.8533	4484117.375	24
556641.8533	4484121.395	15
556641.8533	4484125.414	13
556641.8533	4484129.434	4
556641.8533	4484133.454	5
556641.8533	4484137.473	4
556641.8533	4484141.493	3
556641.8533	4484145.512	3

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556645.8603	4484004.826	3
556645.8603	4484008.846	5
556645.8603	4484012.866	8
556645.8603	4484016.885	11
556645.8603	4484020.905	10
556645.8603	4484024.924	16
556645.8603	4484028.944	20
556645.8603	4484032.964	27
556645.8603	4484036.983	32
556645.8603	4484041.003	39
556645.8603	4484045.022	45
556645.8603	4484049.042	51
556645.8603	4484053.062	60
556645.8603	4484057.081	63
556645.8603	4484061.101	68
556645.8603	4484065.12	73
556645.8603	4484069.14	78
556645.8603	4484073.16	69
556645.8603	4484077.179	46
556645.8603	4484081.199	35
556645.8603	4484085.218	31
556645.8603	4484089.238	29
556645.8603	4484093.258	23
556645.8603	4484097.277	21
556645.8603	4484101.297	17
556645.8603	4484105.316	16
556645.8603	4484109.336	16
556645.8603	4484113.356	17
556645.8603	4484117.375	13
556645.8603	4484121.395	12
556645.8603	4484125.414	11
556645.8603	4484129.434	3
556645.8603	4484133.454	3
556645.8603	4484137.473	3
556645.8603	4484141.493	1
556649.8674	4484000.807	3
556649.8674	4484004.826	3
556649.8674	4484008.846	6
556649.8674	4484012.866	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556649.8674	4484016.885	11
556649.8674	4484020.905	11
556649.8674	4484024.924	17
556649.8674	4484028.944	22
556649.8674	4484032.964	28
556649.8674	4484036.983	34
556649.8674	4484041.003	40
556649.8674	4484045.022	47
556649.8674	4484049.042	54
556649.8674	4484053.062	63
556649.8674	4484057.081	70
556649.8674	4484061.101	77
556649.8674	4484065.12	84
556649.8674	4484069.14	91
556649.8674	4484073.16	87
556649.8674	4484077.179	67
556649.8674	4484081.199	53
556649.8674	4484085.218	44
556649.8674	4484089.238	36
556649.8674	4484093.258	32
556649.8674	4484097.277	28
556649.8674	4484101.297	23
556649.8674	4484105.316	18
556649.8674	4484109.336	14
556649.8674	4484113.356	12
556649.8674	4484117.375	12
556649.8674	4484121.395	10
556649.8674	4484125.414	3
556649.8674	4484129.434	2
556649.8674	4484133.454	2
556649.8674	4484137.473	1
556653.8745	4484000.807	4
556653.8745	4484004.826	5
556653.8745	4484008.846	6
556653.8745	4484012.866	11
556653.8745	4484016.885	14
556653.8745	4484020.905	16
556653.8745	4484024.924	16
556653.8745	4484028.944	24

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556653.8745	4484032.964	29
556653.8745	4484036.983	35
556653.8745	4484041.003	40
556653.8745	4484045.022	47
556653.8745	4484049.042	57
556653.8745	4484053.062	65
556653.8745	4484057.081	73
556653.8745	4484061.101	81
556653.8745	4484065.12	87
556653.8745	4484069.14	90
556653.8745	4484073.16	87
556653.8745	4484077.179	76
556653.8745	4484081.199	64
556653.8745	4484085.218	54
556653.8745	4484089.238	45
556653.8745	4484093.258	39
556653.8745	4484097.277	33
556653.8745	4484101.297	26
556653.8745	4484105.316	21
556653.8745	4484109.336	19
556653.8745	4484113.356	11
556653.8745	4484117.375	9
556653.8745	4484121.395	8
556653.8745	4484125.414	2
556653.8745	4484129.434	2
556653.8745	4484133.454	2
556657.8816	4483996.787	3
556657.8816	4484000.807	4
556657.8816	4484004.826	5
556657.8816	4484008.846	7
556657.8816	4484012.866	14
556657.8816	4484016.885	17
556657.8816	4484020.905	16
556657.8816	4484024.924	20
556657.8816	4484028.944	25
556657.8816	4484032.964	32
556657.8816	4484036.983	37
556657.8816	4484041.003	42
556657.8816	4484045.022	49

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556657.8816	4484049.042	55
556657.8816	4484053.062	64
556657.8816	4484057.081	73
556657.8816	4484061.101	82
556657.8816	4484065.12	87
556657.8816	4484069.14	89
556657.8816	4484073.16	86
556657.8816	4484077.179	79
556657.8816	4484081.199	69
556657.8816	4484085.218	57
556657.8816	4484089.238	49
556657.8816	4484093.258	42
556657.8816	4484097.277	35
556657.8816	4484101.297	27
556657.8816	4484105.316	20
556657.8816	4484109.336	14
556657.8816	4484113.356	12
556657.8816	4484117.375	10
556657.8816	4484121.395	1
556657.8816	4484125.414	1
556657.8816	4484129.434	2
556661.8887	4483992.768	1
556661.8887	4483996.787	4
556661.8887	4484000.807	5
556661.8887	4484004.826	6
556661.8887	4484008.846	12
556661.8887	4484012.866	16
556661.8887	4484016.885	19
556661.8887	4484020.905	19
556661.8887	4484024.924	19
556661.8887	4484028.944	24
556661.8887	4484032.964	29
556661.8887	4484036.983	34
556661.8887	4484041.003	42
556661.8887	4484045.022	46
556661.8887	4484049.042	51
556661.8887	4484053.062	59
556661.8887	4484057.081	71
556661.8887	4484061.101	83

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556661.8887	4484065.12	88
556661.8887	4484069.14	87
556661.8887	4484073.16	84
556661.8887	4484077.179	78
556661.8887	4484081.199	68
556661.8887	4484085.218	58
556661.8887	4484089.238	50
556661.8887	4484093.258	44
556661.8887	4484097.277	37
556661.8887	4484101.297	30
556661.8887	4484105.316	21
556661.8887	4484109.336	14
556661.8887	4484113.356	12
556661.8887	4484117.375	10
556661.8887	4484121.395	6
556661.8887	4484125.414	5
556665.8957	4483988.748	2
556665.8957	4483992.768	5
556665.8957	4483996.787	5
556665.8957	4484000.807	6
556665.8957	4484004.826	7
556665.8957	4484008.846	15
556665.8957	4484012.866	17
556665.8957	4484016.885	19
556665.8957	4484020.905	23
556665.8957	4484024.924	21
556665.8957	4484028.944	21
556665.8957	4484032.964	26
556665.8957	4484036.983	30
556665.8957	4484041.003	37
556665.8957	4484045.022	40
556665.8957	4484049.042	43
556665.8957	4484053.062	50
556665.8957	4484057.081	65
556665.8957	4484061.101	82
556665.8957	4484065.12	87
556665.8957	4484069.14	84
556665.8957	4484073.16	80
556665.8957	4484077.179	74

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556665.8957	4484081.199	66
556665.8957	4484085.218	59
556665.8957	4484089.238	51
556665.8957	4484093.258	45
556665.8957	4484097.277	37
556665.8957	4484101.297	28
556665.8957	4484105.316	20
556665.8957	4484109.336	14
556665.8957	4484113.356	12
556665.8957	4484117.375	9
556665.8957	4484121.395	6
556669.9028	4483988.748	4
556669.9028	4483992.768	5
556669.9028	4483996.787	7
556669.9028	4484000.807	7
556669.9028	4484004.826	11
556669.9028	4484008.846	17
556669.9028	4484012.866	18
556669.9028	4484016.885	19
556669.9028	4484020.905	21
556669.9028	4484024.924	20
556669.9028	4484028.944	18
556669.9028	4484032.964	22
556669.9028	4484036.983	29
556669.9028	4484041.003	31
556669.9028	4484045.022	34
556669.9028	4484049.042	34
556669.9028	4484053.062	36
556669.9028	4484057.081	50
556669.9028	4484061.101	70
556669.9028	4484065.12	77
556669.9028	4484069.14	78
556669.9028	4484073.16	76
556669.9028	4484077.179	70
556669.9028	4484081.199	65
556669.9028	4484085.218	56
556669.9028	4484089.238	49
556669.9028	4484093.258	41
556669.9028	4484097.277	34

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556669.9028	4484101.297	28
556669.9028	4484105.316	20
556669.9028	4484109.336	12
556669.9028	4484113.356	11
556669.9028	4484117.375	7
556669.9028	4484121.395	5
556673.9099	4483984.728	4
556673.9099	4483988.748	4
556673.9099	4483992.768	6
556673.9099	4483996.787	7
556673.9099	4484000.807	11
556673.9099	4484004.826	17
556673.9099	4484008.846	16
556673.9099	4484012.866	16
556673.9099	4484016.885	18
556673.9099	4484020.905	19
556673.9099	4484024.924	22
556673.9099	4484028.944	20
556673.9099	4484032.964	26
556673.9099	4484036.983	27
556673.9099	4484041.003	29
556673.9099	4484045.022	30
556673.9099	4484049.042	29
556673.9099	4484053.062	29
556673.9099	4484057.081	39
556673.9099	4484061.101	55
556673.9099	4484065.12	65
556673.9099	4484069.14	69
556673.9099	4484073.16	66
556673.9099	4484077.179	65
556673.9099	4484081.199	62
556673.9099	4484085.218	58
556673.9099	4484089.238	49
556673.9099	4484093.258	36
556673.9099	4484097.277	32
556673.9099	4484101.297	24
556673.9099	4484105.316	18
556673.9099	4484109.336	14
556673.9099	4484113.356	10

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556673.9099	4484117.375	7
556677.917	4483980.709	3
556677.917	4483984.728	5
556677.917	4483988.748	6
556677.917	4483992.768	6
556677.917	4483996.787	10
556677.917	4484000.807	13
556677.917	4484004.826	19
556677.917	4484008.846	17
556677.917	4484012.866	18
556677.917	4484016.885	18
556677.917	4484020.905	20
556677.917	4484024.924	21
556677.917	4484028.944	20
556677.917	4484032.964	24
556677.917	4484036.983	25
556677.917	4484041.003	27
556677.917	4484045.022	29
556677.917	4484049.042	29
556677.917	4484053.062	31
556677.917	4484057.081	38
556677.917	4484061.101	47
556677.917	4484065.12	56
556677.917	4484069.14	58
556677.917	4484073.16	58
556677.917	4484077.179	57
556677.917	4484081.199	53
556677.917	4484085.218	49
556677.917	4484089.238	45
556677.917	4484093.258	38
556677.917	4484097.277	34
556677.917	4484101.297	22
556677.917	4484105.316	16
556677.917	4484109.336	12
556677.917	4484113.356	9
556677.917	4484117.375	6
556681.9241	4483976.689	4
556681.9241	4483980.709	4
556681.9241	4483984.728	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556681.9241	4483988.748	8
556681.9241	4483992.768	11
556681.9241	4483996.787	13
556681.9241	4484000.807	15
556681.9241	4484004.826	18
556681.9241	4484008.846	20
556681.9241	4484012.866	21
556681.9241	4484016.885	21
556681.9241	4484020.905	19
556681.9241	4484024.924	18
556681.9241	4484028.944	22
556681.9241	4484032.964	20
556681.9241	4484036.983	21
556681.9241	4484041.003	25
556681.9241	4484045.022	29
556681.9241	4484049.042	30
556681.9241	4484053.062	32
556681.9241	4484057.081	36
556681.9241	4484061.101	43
556681.9241	4484065.12	47
556681.9241	4484069.14	50
556681.9241	4484073.16	52
556681.9241	4484077.179	48
556681.9241	4484081.199	45
556681.9241	4484085.218	42
556681.9241	4484089.238	42
556681.9241	4484093.258	34
556681.9241	4484097.277	29
556681.9241	4484101.297	22
556681.9241	4484105.316	14
556681.9241	4484109.336	10
556681.9241	4484113.356	6
556685.9311	4483972.67	3
556685.9311	4483976.689	4
556685.9311	4483980.709	5
556685.9311	4483984.728	7
556685.9311	4483988.748	9
556685.9311	4483992.768	13
556685.9311	4483996.787	16

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556685.9311	4484000.807	17
556685.9311	4484004.826	18
556685.9311	4484008.846	22
556685.9311	4484012.866	24
556685.9311	4484016.885	23
556685.9311	4484020.905	21
556685.9311	4484024.924	20
556685.9311	4484028.944	19
556685.9311	4484032.964	16
556685.9311	4484036.983	14
556685.9311	4484041.003	20
556685.9311	4484045.022	29
556685.9311	4484049.042	28
556685.9311	4484053.062	31
556685.9311	4484057.081	33
556685.9311	4484061.101	38
556685.9311	4484065.12	40
556685.9311	4484069.14	43
556685.9311	4484073.16	45
556685.9311	4484077.179	41
556685.9311	4484081.199	42
556685.9311	4484085.218	39
556685.9311	4484089.238	36
556685.9311	4484093.258	27
556685.9311	4484097.277	25
556685.9311	4484101.297	20
556685.9311	4484105.316	13
556685.9311	4484109.336	10
556685.9311	4484113.356	8
556689.9382	4483972.67	3
556689.9382	4483976.689	4
556689.9382	4483980.709	6
556689.9382	4483984.728	8
556689.9382	4483988.748	12
556689.9382	4483992.768	16
556689.9382	4483996.787	18
556689.9382	4484000.807	19
556689.9382	4484004.826	21
556689.9382	4484008.846	26

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556689.9382	4484012.866	28
556689.9382	4484016.885	26
556689.9382	4484020.905	24
556689.9382	4484024.924	24
556689.9382	4484028.944	19
556689.9382	4484032.964	13
556689.9382	4484036.983	5
556689.9382	4484045.022	16
556689.9382	4484049.042	24
556689.9382	4484053.062	28
556689.9382	4484057.081	29
556689.9382	4484061.101	30
556689.9382	4484065.12	32
556689.9382	4484069.14	36
556689.9382	4484073.16	39
556689.9382	4484077.179	37
556689.9382	4484081.199	35
556689.9382	4484085.218	33
556689.9382	4484089.238	28
556689.9382	4484093.258	22
556689.9382	4484097.277	19
556689.9382	4484101.297	16
556689.9382	4484105.316	12
556689.9382	4484109.336	8
556693.9453	4483968.65	2
556693.9453	4483972.67	4
556693.9453	4483976.689	6
556693.9453	4483980.709	6
556693.9453	4483984.728	7
556693.9453	4483988.748	15
556693.9453	4483992.768	17
556693.9453	4483996.787	19
556693.9453	4484000.807	21
556693.9453	4484004.826	24
556693.9453	4484008.846	25
556693.9453	4484012.866	29
556693.9453	4484016.885	28
556693.9453	4484020.905	29
556693.9453	4484024.924	26

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556693.9453	4484028.944	23
556693.9453	4484032.964	18
556693.9453	4484036.983	6
556693.9453	4484041.003	5
556693.9453	4484045.022	13
556693.9453	4484049.042	21
556693.9453	4484053.062	25
556693.9453	4484057.081	25
556693.9453	4484061.101	24
556693.9453	4484065.12	25
556693.9453	4484069.14	28
556693.9453	4484073.16	32
556693.9453	4484077.179	35
556693.9453	4484081.199	30
556693.9453	4484085.218	28
556693.9453	4484089.238	23
556693.9453	4484093.258	19
556693.9453	4484097.277	16
556693.9453	4484101.297	12
556693.9453	4484105.316	8
556693.9453	4484109.336	6
556697.9524	4483964.63	1
556697.9524	4483968.65	3
556697.9524	4483972.67	5
556697.9524	4483976.689	6
556697.9524	4483980.709	8
556697.9524	4483984.728	9
556697.9524	4483988.748	15
556697.9524	4483992.768	19
556697.9524	4483996.787	21
556697.9524	4484000.807	24
556697.9524	4484004.826	27
556697.9524	4484008.846	29
556697.9524	4484012.866	31
556697.9524	4484016.885	32
556697.9524	4484020.905	32
556697.9524	4484024.924	30
556697.9524	4484028.944	28
556697.9524	4484032.964	29

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556697.9524	4484036.983	25
556697.9524	4484041.003	16
556697.9524	4484045.022	18
556697.9524	4484049.042	22
556697.9524	4484053.062	23
556697.9524	4484057.081	26
556697.9524	4484061.101	24
556697.9524	4484065.12	20
556697.9524	4484069.14	23
556697.9524	4484073.16	28
556697.9524	4484077.179	28
556697.9524	4484081.199	24
556697.9524	4484085.218	22
556697.9524	4484089.238	18
556697.9524	4484093.258	15
556697.9524	4484097.277	12
556697.9524	4484101.297	9
556697.9524	4484105.316	6
556701.9595	4483960.611	1
556701.9595	4483964.63	2
556701.9595	4483968.65	3
556701.9595	4483972.67	4
556701.9595	4483976.689	6
556701.9595	4483980.709	8
556701.9595	4483984.728	9
556701.9595	4483988.748	13
556701.9595	4483992.768	18
556701.9595	4483996.787	22
556701.9595	4484000.807	26
556701.9595	4484004.826	29
556701.9595	4484008.846	31
556701.9595	4484012.866	34
556701.9595	4484016.885	37
556701.9595	4484020.905	37
556701.9595	4484024.924	34
556701.9595	4484028.944	31
556701.9595	4484032.964	30
556701.9595	4484036.983	28
556701.9595	4484041.003	24

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556701.9595	4484045.022	23
556701.9595	4484049.042	25
556701.9595	4484053.062	23
556701.9595	4484057.081	24
556701.9595	4484061.101	27
556701.9595	4484065.12	21
556701.9595	4484069.14	20
556701.9595	4484073.16	21
556701.9595	4484077.179	23
556701.9595	4484081.199	19
556701.9595	4484085.218	15
556701.9595	4484089.238	14
556701.9595	4484093.258	12
556701.9595	4484097.277	9
556701.9595	4484101.297	6
556701.9595	4484105.316	5
556705.9666	4483960.611	1
556705.9666	4483964.63	2
556705.9666	4483968.65	3
556705.9666	4483972.67	4
556705.9666	4483976.689	6
556705.9666	4483980.709	9
556705.9666	4483984.728	9
556705.9666	4483988.748	12
556705.9666	4483992.768	18
556705.9666	4483996.787	22
556705.9666	4484000.807	26
556705.9666	4484004.826	29
556705.9666	4484008.846	33
556705.9666	4484012.866	38
556705.9666	4484016.885	42
556705.9666	4484020.905	44
556705.9666	4484024.924	39
556705.9666	4484028.944	30
556705.9666	4484032.964	31
556705.9666	4484036.983	30
556705.9666	4484041.003	29
556705.9666	4484045.022	27
556705.9666	4484049.042	23

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556705.9666	4484053.062	23
556705.9666	4484057.081	25
556705.9666	4484061.101	25
556705.9666	4484065.12	20
556705.9666	4484069.14	13
556705.9666	4484073.16	12
556705.9666	4484077.179	17
556705.9666	4484081.199	17
556705.9666	4484085.218	12
556705.9666	4484089.238	10
556705.9666	4484093.258	9
556705.9666	4484097.277	6
556705.9666	4484101.297	5
556709.9736	4483960.611	2
556709.9736	4483964.63	2
556709.9736	4483968.65	3
556709.9736	4483972.67	5
556709.9736	4483976.689	6
556709.9736	4483980.709	8
556709.9736	4483984.728	8
556709.9736	4483988.748	13
556709.9736	4483992.768	16
556709.9736	4483996.787	22
556709.9736	4484000.807	26
556709.9736	4484004.826	29
556709.9736	4484008.846	35
556709.9736	4484012.866	39
556709.9736	4484016.885	45
556709.9736	4484020.905	52
556709.9736	4484024.924	55
556709.9736	4484028.944	40
556709.9736	4484032.964	36
556709.9736	4484036.983	34
556709.9736	4484041.003	32
556709.9736	4484045.022	28
556709.9736	4484049.042	25
556709.9736	4484053.062	24
556709.9736	4484057.081	22
556709.9736	4484061.101	22

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556709.9736	4484065.12	21
556709.9736	4484069.14	13
556709.9736	4484073.16	11
556709.9736	4484077.179	11
556709.9736	4484081.199	12
556709.9736	4484085.218	9
556709.9736	4484089.238	7
556709.9736	4484093.258	5
556709.9736	4484097.277	6
556713.9807	4483956.591	1
556713.9807	4483960.611	1
556713.9807	4483964.63	2
556713.9807	4483968.65	5
556713.9807	4483972.67	4
556713.9807	4483976.689	6
556713.9807	4483980.709	8
556713.9807	4483984.728	10
556713.9807	4483988.748	11
556713.9807	4483992.768	15
556713.9807	4483996.787	19
556713.9807	4484000.807	23
556713.9807	4484004.826	28
556713.9807	4484008.846	32
556713.9807	4484012.866	37
556713.9807	4484016.885	43
556713.9807	4484020.905	54
556713.9807	4484024.924	57
556713.9807	4484028.944	48
556713.9807	4484032.964	40
556713.9807	4484036.983	37
556713.9807	4484041.003	36
556713.9807	4484045.022	29
556713.9807	4484049.042	27
556713.9807	4484053.062	25
556713.9807	4484057.081	22
556713.9807	4484061.101	20
556713.9807	4484065.12	13
556713.9807	4484069.14	11
556713.9807	4484073.16	10

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556713.9807	4484077.179	7
556713.9807	4484081.199	6
556713.9807	4484085.218	6
556713.9807	4484089.238	6
556717.9878	4483960.611	1
556717.9878	4483964.63	3
556717.9878	4483968.65	5
556717.9878	4483972.67	6
556717.9878	4483976.689	5
556717.9878	4483980.709	7
556717.9878	4483984.728	9
556717.9878	4483988.748	10
556717.9878	4483992.768	13
556717.9878	4483996.787	17
556717.9878	4484000.807	21
556717.9878	4484004.826	26
556717.9878	4484008.846	30
556717.9878	4484012.866	33
556717.9878	4484016.885	36
556717.9878	4484020.905	43
556717.9878	4484024.924	48
556717.9878	4484028.944	46
556717.9878	4484032.964	41
556717.9878	4484036.983	39
556717.9878	4484041.003	34
556717.9878	4484045.022	32
556717.9878	4484049.042	28
556717.9878	4484053.062	24
556717.9878	4484057.081	21
556717.9878	4484061.101	21
556717.9878	4484065.12	13
556717.9878	4484069.14	10
556717.9878	4484073.16	7
556717.9878	4484077.179	6
556717.9878	4484081.199	5
556717.9878	4484085.218	4
556717.9878	4484089.238	1
556721.9949	4483960.611	2
556721.9949	4483964.63	3

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556721.9949	4483968.65	5
556721.9949	4483972.67	6
556721.9949	4483976.689	5
556721.9949	4483980.709	6
556721.9949	4483984.728	8
556721.9949	4483988.748	10
556721.9949	4483992.768	12
556721.9949	4483996.787	15
556721.9949	4484000.807	20
556721.9949	4484004.826	24
556721.9949	4484008.846	28
556721.9949	4484012.866	30
556721.9949	4484016.885	32
556721.9949	4484020.905	37
556721.9949	4484024.924	41
556721.9949	4484028.944	41
556721.9949	4484032.964	39
556721.9949	4484036.983	34
556721.9949	4484041.003	32
556721.9949	4484045.022	31
556721.9949	4484049.042	27
556721.9949	4484053.062	24
556721.9949	4484057.081	20
556721.9949	4484061.101	10
556721.9949	4484065.12	12
556721.9949	4484069.14	10
556721.9949	4484073.16	6
556721.9949	4484077.179	5
556721.9949	4484081.199	4
556721.9949	4484085.218	3
556726.002	4483956.591	2
556726.002	4483960.611	2
556726.002	4483964.63	3
556726.002	4483968.65	5
556726.002	4483972.67	6
556726.002	4483976.689	3
556726.002	4483980.709	4
556726.002	4483984.728	6
556726.002	4483988.748	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556726.002	4483992.768	9
556726.002	4483996.787	12
556726.002	4484000.807	15
556726.002	4484004.826	20
556726.002	4484008.846	26
556726.002	4484012.866	30
556726.002	4484016.885	30
556726.002	4484020.905	33
556726.002	4484024.924	35
556726.002	4484028.944	36
556726.002	4484032.964	36
556726.002	4484036.983	30
556726.002	4484041.003	29
556726.002	4484045.022	27
556726.002	4484049.042	23
556726.002	4484053.062	20
556726.002	4484057.081	13
556726.002	4484061.101	10
556726.002	4484065.12	9
556726.002	4484069.14	9
556726.002	4484073.16	7
556726.002	4484077.179	6
556726.002	4484081.199	3
556730.009	4483956.591	2
556730.009	4483960.611	2
556730.009	4483964.63	3
556730.009	4483968.65	3
556730.009	4483972.67	5
556730.009	4483976.689	2
556730.009	4483980.709	3
556730.009	4483984.728	4
556730.009	4483988.748	5
556730.009	4483992.768	7
556730.009	4483996.787	7
556730.009	4484000.807	9
556730.009	4484004.826	12
556730.009	4484008.846	21
556730.009	4484012.866	24
556730.009	4484016.885	26

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556730.009	4484020.905	28
556730.009	4484024.924	31
556730.009	4484028.944	32
556730.009	4484032.964	30
556730.009	4484036.983	27
556730.009	4484041.003	27
556730.009	4484045.022	24
556730.009	4484049.042	21
556730.009	4484053.062	17
556730.009	4484057.081	12
556730.009	4484061.101	9
556730.009	4484065.12	9
556730.009	4484069.14	7
556730.009	4484073.16	6
556730.009	4484077.179	5
556730.009	4484081.199	2
556734.0161	4483956.591	2
556734.0161	4483960.611	2
556734.0161	4483964.63	2
556734.0161	4483968.65	3
556734.0161	4483972.67	4
556734.0161	4483976.689	4
556734.0161	4483980.709	2
556734.0161	4483984.728	2
556734.0161	4483988.748	4
556734.0161	4483992.768	4
556734.0161	4483996.787	3
556734.0161	4484000.807	3
556734.0161	4484004.826	1
556734.0161	4484008.846	8
556734.0161	4484012.866	16
556734.0161	4484016.885	20
556734.0161	4484020.905	23
556734.0161	4484024.924	27
556734.0161	4484028.944	26
556734.0161	4484032.964	26
556734.0161	4484036.983	25
556734.0161	4484041.003	24
556734.0161	4484045.022	22

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556734.0161	4484049.042	19
556734.0161	4484053.062	15
556734.0161	4484057.081	13
556734.0161	4484061.101	9
556734.0161	4484065.12	7
556734.0161	4484069.14	6
556734.0161	4484073.16	4
556734.0161	4484077.179	3
556738.0232	4483956.591	2
556738.0232	4483960.611	2
556738.0232	4483964.63	2
556738.0232	4483968.65	3
556738.0232	4483972.67	5
556738.0232	4483976.689	4
556738.0232	4483980.709	3
556738.0232	4483984.728	2
556738.0232	4483988.748	3
556738.0232	4483992.768	2
556738.0232	4483996.787	1
556738.0232	4484008.846	4
556738.0232	4484012.866	11
556738.0232	4484016.885	15
556738.0232	4484020.905	18
556738.0232	4484024.924	22
556738.0232	4484028.944	23
556738.0232	4484032.964	24
556738.0232	4484036.983	22
556738.0232	4484041.003	20
556738.0232	4484045.022	18
556738.0232	4484049.042	16
556738.0232	4484053.062	13
556738.0232	4484057.081	11
556738.0232	4484061.101	9
556738.0232	4484065.12	6
556738.0232	4484069.14	4
556738.0232	4484073.16	4
556742.0303	4483956.591	2
556742.0303	4483960.611	2
556742.0303	4483964.63	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556742.0303	4483968.65	2
556742.0303	4483972.67	2
556742.0303	4483976.689	3
556742.0303	4483980.709	2
556742.0303	4483984.728	2
556742.0303	4483988.748	1
556742.0303	4483992.768	1
556742.0303	4484004.826	1
556742.0303	4484008.846	4
556742.0303	4484012.866	8
556742.0303	4484016.885	11
556742.0303	4484020.905	13
556742.0303	4484024.924	15
556742.0303	4484028.944	16
556742.0303	4484032.964	17
556742.0303	4484036.983	17
556742.0303	4484041.003	15
556742.0303	4484045.022	14
556742.0303	4484049.042	13
556742.0303	4484053.062	10
556742.0303	4484057.081	10
556742.0303	4484061.101	8
556742.0303	4484065.12	6
556742.0303	4484069.14	4
556746.0374	4483956.591	2
556746.0374	4483960.611	2
556746.0374	4483964.63	2
556746.0374	4483968.65	1
556746.0374	4483972.67	2
556746.0374	4483976.689	1
556746.0374	4483980.709	1
556746.0374	4483984.728	1
556746.0374	4484004.826	1
556746.0374	4484008.846	3
556746.0374	4484012.866	7
556746.0374	4484016.885	10
556746.0374	4484020.905	9
556746.0374	4484024.924	11
556746.0374	4484028.944	10

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556746.0374	4484032.964	12
556746.0374	4484036.983	12
556746.0374	4484041.003	14
556746.0374	4484045.022	12
556746.0374	4484049.042	10
556746.0374	4484053.062	10
556746.0374	4484057.081	8
556746.0374	4484061.101	6
556746.0374	4484065.12	4
556750.0444	4483956.591	3
556750.0444	4483960.611	2
556750.0444	4483964.63	2
556750.0444	4483968.65	1
556750.0444	4483972.67	1
556750.0444	4483976.689	1
556750.0444	4483980.709	1
556750.0444	4484004.826	1
556750.0444	4484008.846	3
556750.0444	4484012.866	5
556750.0444	4484016.885	7
556750.0444	4484020.905	9
556750.0444	4484024.924	10
556750.0444	4484028.944	9
556750.0444	4484032.964	10
556750.0444	4484036.983	9
556750.0444	4484041.003	11
556750.0444	4484045.022	11
556750.0444	4484049.042	9
556750.0444	4484053.062	6
556750.0444	4484057.081	5
556750.0444	4484061.101	5
556750.0444	4484065.12	5
556754.0515	4483956.591	2
556754.0515	4483960.611	4
556754.0515	4483964.63	3
556754.0515	4483968.65	3
556754.0515	4483972.67	2
556754.0515	4483976.689	1
556754.0515	4484000.807	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556754.0515	4484004.826	1
556754.0515	4484008.846	3
556754.0515	4484012.866	4
556754.0515	4484016.885	5
556754.0515	4484020.905	7
556754.0515	4484024.924	8
556754.0515	4484028.944	7
556754.0515	4484032.964	6
556754.0515	4484036.983	7
556754.0515	4484041.003	7
556754.0515	4484045.022	8
556754.0515	4484049.042	7
556754.0515	4484053.062	6
556754.0515	4484057.081	3
556754.0515	4484061.101	4
556758.0586	4483952.571	2
556758.0586	4483956.591	2
556758.0586	4483960.611	1
556758.0586	4483964.63	2
556758.0586	4483968.65	2
556758.0586	4483972.67	2
556758.0586	4483976.689	1
556758.0586	4484000.807	1
556758.0586	4484004.826	1
556758.0586	4484008.846	2
556758.0586	4484012.866	2
556758.0586	4484016.885	4
556758.0586	4484020.905	5
556758.0586	4484024.924	6
556758.0586	4484028.944	4
556758.0586	4484032.964	5
556758.0586	4484036.983	5
556758.0586	4484041.003	5
556758.0586	4484045.022	4
556758.0586	4484049.042	6
556758.0586	4484053.062	5
556758.0586	4484057.081	3
556762.0657	4483920.415	1
556762.0657	4483924.434	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556762.0657	4483948.552	3
556762.0657	4483952.571	2
556762.0657	4483956.591	3
556762.0657	4483960.611	1
556762.0657	4483964.63	1
556762.0657	4483972.67	1
556762.0657	4484000.807	2
556762.0657	4484004.826	3
556762.0657	4484008.846	3
556762.0657	4484012.866	3
556762.0657	4484016.885	2
556762.0657	4484020.905	3
556762.0657	4484024.924	4
556762.0657	4484028.944	3
556762.0657	4484032.964	3
556762.0657	4484036.983	3
556762.0657	4484041.003	3
556762.0657	4484045.022	3
556762.0657	4484049.042	3
556762.0657	4484053.062	2
556766.0728	4483916.395	1
556766.0728	4483920.415	2
556766.0728	4483924.434	2
556766.0728	4483928.454	2
556766.0728	4483932.473	2
556766.0728	4483948.552	2
556766.0728	4483952.571	3
556766.0728	4483956.591	2
556766.0728	4483960.611	1
556766.0728	4483968.65	1
556766.0728	4483996.787	1
556766.0728	4484000.807	1
556766.0728	4484004.826	3
556766.0728	4484008.846	3
556766.0728	4484012.866	4
556766.0728	4484016.885	5
556766.0728	4484020.905	5
556766.0728	4484024.924	5
556766.0728	4484032.964	2

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556766.0728	4484036.983	2
556766.0728	4484041.003	2
556766.0728	4484045.022	2
556766.0728	4484049.042	2
556770.0799	4483912.375	1
556770.0799	4483916.395	2
556770.0799	4483920.415	2
556770.0799	4483924.434	2
556770.0799	4483928.454	2
556770.0799	4483932.473	2
556770.0799	4483936.493	2
556770.0799	4483944.532	2
556770.0799	4483948.552	2
556770.0799	4483952.571	2
556770.0799	4483956.591	1
556770.0799	4483960.611	1
556770.0799	4483964.63	1
556770.0799	4483996.787	1
556770.0799	4484000.807	1
556770.0799	4484004.826	2
556770.0799	4484008.846	3
556770.0799	4484012.866	3
556770.0799	4484016.885	3
556770.0799	4484036.983	2
556770.0799	4484041.003	2
556770.0799	4484045.022	2
556774.0869	4483912.375	2
556774.0869	4483916.395	3
556774.0869	4483920.415	3
556774.0869	4483924.434	3
556774.0869	4483928.454	3
556774.0869	4483932.473	4
556774.0869	4483936.493	3
556774.0869	4483940.513	2
556774.0869	4483960.611	1
556774.0869	4483964.63	1
556774.0869	4483992.768	1
556774.0869	4483996.787	2
556774.0869	4484000.807	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556774.0869	4484004.826	1
556774.0869	4484008.846	2
556774.0869	4484012.866	2
556778.094	4483908.356	2
556778.094	4483912.375	3
556778.094	4483916.395	4
556778.094	4483920.415	4
556778.094	4483924.434	5
556778.094	4483928.454	5
556778.094	4483932.473	5
556778.094	4483936.493	3
556778.094	4483940.513	3
556778.094	4483944.532	3
556778.094	4483948.552	2
556778.094	4483952.571	1
556778.094	4483956.591	1
556778.094	4483988.748	2
556778.094	4483992.768	3
556778.094	4483996.787	3
556778.094	4484000.807	3
556778.094	4484004.826	2
556778.094	4484008.846	3
556782.1011	4483904.336	3
556782.1011	4483908.356	1
556782.1011	4483912.375	2
556782.1011	4483916.395	5
556782.1011	4483920.415	5
556782.1011	4483924.434	6
556782.1011	4483928.454	7
556782.1011	4483932.473	5
556782.1011	4483936.493	5
556782.1011	4483940.513	5
556782.1011	4483944.532	5
556782.1011	4483948.552	4
556782.1011	4483952.571	2
556782.1011	4483956.591	1
556782.1011	4483984.728	1
556782.1011	4483988.748	1
556782.1011	4483992.768	2

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556782.1011	4483996.787	3
556782.1011	4484000.807	4
556782.1011	4484004.826	5
556782.1011	4484008.846	2
556786.1082	4483900.317	3
556786.1082	4483904.336	1
556786.1082	4483908.356	2
556786.1082	4483912.375	3
556786.1082	4483916.395	5
556786.1082	4483920.415	7
556786.1082	4483924.434	8
556786.1082	4483928.454	8
556786.1082	4483932.473	8
556786.1082	4483936.493	8
556786.1082	4483940.513	7
556786.1082	4483944.532	7
556786.1082	4483948.552	5
556786.1082	4483952.571	4
556786.1082	4483956.591	2
556786.1082	4483960.611	1
556786.1082	4483980.709	1
556786.1082	4483984.728	1
556786.1082	4483988.748	1
556786.1082	4483992.768	1
556786.1082	4483996.787	1
556786.1082	4484000.807	2
556786.1082	4484004.826	3
556790.1153	4483900.317	2
556790.1153	4483904.336	3
556790.1153	4483908.356	5
556790.1153	4483912.375	4
556790.1153	4483916.395	6
556790.1153	4483920.415	7
556790.1153	4483924.434	10
556790.1153	4483928.454	10
556790.1153	4483932.473	10
556790.1153	4483936.493	10
556790.1153	4483940.513	10
556790.1153	4483944.532	9

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556790.1153	4483948.552	8
556790.1153	4483952.571	5
556790.1153	4483956.591	2
556790.1153	4483976.689	1
556790.1153	4483980.709	1
556790.1153	4483984.728	2
556790.1153	4483988.748	1
556790.1153	4483992.768	2
556790.1153	4483996.787	2
556790.1153	4484000.807	2
556790.1153	4484004.826	3
556790.1153	4484008.846	3
556794.1223	4483896.297	2
556794.1223	4483900.317	3
556794.1223	4483904.336	4
556794.1223	4483908.356	5
556794.1223	4483912.375	6
556794.1223	4483916.395	7
556794.1223	4483920.415	8
556794.1223	4483924.434	10
556794.1223	4483928.454	11
556794.1223	4483932.473	13
556794.1223	4483936.493	13
556794.1223	4483940.513	13
556794.1223	4483944.532	13
556794.1223	4483948.552	11
556794.1223	4483952.571	7
556794.1223	4483956.591	3
556794.1223	4483968.65	1
556794.1223	4483972.67	1
556794.1223	4483976.689	2
556794.1223	4483980.709	2
556794.1223	4483984.728	2
556794.1223	4483988.748	2
556794.1223	4483992.768	2
556794.1223	4483996.787	2
556794.1223	4484000.807	2
556794.1223	4484004.826	3
556794.1223	4484008.846	3

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556798.1294	4483892.277	2
556798.1294	4483896.297	2
556798.1294	4483900.317	3
556798.1294	4483904.336	4
556798.1294	4483908.356	4
556798.1294	4483912.375	6
556798.1294	4483916.395	8
556798.1294	4483920.415	9
556798.1294	4483924.434	11
556798.1294	4483928.454	13
556798.1294	4483932.473	15
556798.1294	4483936.493	16
556798.1294	4483940.513	16
556798.1294	4483944.532	17
556798.1294	4483948.552	15
556798.1294	4483952.571	11
556798.1294	4483956.591	4
556798.1294	4483964.63	1
556798.1294	4483968.65	2
556798.1294	4483972.67	2
556798.1294	4483976.689	2
556798.1294	4483980.709	2
556798.1294	4483984.728	1
556798.1294	4483988.748	3
556798.1294	4483992.768	3
556798.1294	4483996.787	2
556798.1294	4484000.807	3
556798.1294	4484004.826	3
556798.1294	4484008.846	3
556802.1365	4483892.277	2
556802.1365	4483896.297	2
556802.1365	4483900.317	3
556802.1365	4483904.336	3
556802.1365	4483908.356	4
556802.1365	4483912.375	6
556802.1365	4483916.395	8
556802.1365	4483920.415	10
556802.1365	4483924.434	12
556802.1365	4483928.454	14

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556802.1365	4483932.473	16
556802.1365	4483936.493	18
556802.1365	4483940.513	20
556802.1365	4483944.532	21
556802.1365	4483948.552	21
556802.1365	4483952.571	19
556802.1365	4483956.591	11
556802.1365	4483960.611	5
556802.1365	4483964.63	5
556802.1365	4483968.65	5
556802.1365	4483972.67	5
556802.1365	4483976.689	4
556802.1365	4483980.709	3
556802.1365	4483984.728	2
556802.1365	4483988.748	1
556802.1365	4483992.768	3
556802.1365	4483996.787	3
556802.1365	4484000.807	2
556802.1365	4484004.826	2
556802.1365	4484008.846	2
556806.1436	4483892.277	2
556806.1436	4483896.297	2
556806.1436	4483900.317	4
556806.1436	4483904.336	3
556806.1436	4483908.356	4
556806.1436	4483912.375	6
556806.1436	4483916.395	8
556806.1436	4483920.415	10
556806.1436	4483924.434	13
556806.1436	4483928.454	15
556806.1436	4483932.473	18
556806.1436	4483936.493	21
556806.1436	4483940.513	23
556806.1436	4483944.532	25
556806.1436	4483948.552	27
556806.1436	4483952.571	28
556806.1436	4483956.591	25
556806.1436	4483960.611	16
556806.1436	4483964.63	11

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556806.1436	4483968.65	9
556806.1436	4483972.67	8
556806.1436	4483976.689	6
556806.1436	4483980.709	5
556806.1436	4483984.728	3
556806.1436	4483988.748	1
556806.1436	4483992.768	3
556806.1436	4483996.787	3
556806.1436	4484000.807	3
556806.1436	4484004.826	2
556810.1507	4483892.277	2
556810.1507	4483896.297	2
556810.1507	4483900.317	4
556810.1507	4483904.336	3
556810.1507	4483908.356	4
556810.1507	4483912.375	6
556810.1507	4483916.395	7
556810.1507	4483920.415	10
556810.1507	4483924.434	12
556810.1507	4483928.454	15
556810.1507	4483932.473	18
556810.1507	4483936.493	22
556810.1507	4483940.513	25
556810.1507	4483944.532	28
556810.1507	4483948.552	29
556810.1507	4483952.571	30
556810.1507	4483956.591	27
556810.1507	4483960.611	21
556810.1507	4483964.63	16
556810.1507	4483968.65	13
556810.1507	4483972.67	10
556810.1507	4483976.689	8
556810.1507	4483980.709	6
556810.1507	4483984.728	5
556810.1507	4483988.748	3
556810.1507	4483992.768	1
556810.1507	4483996.787	3
556810.1507	4484000.807	3
556810.1507	4484004.826	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556814.1578	4483896.297	2
556814.1578	4483900.317	3
556814.1578	4483904.336	2
556814.1578	4483908.356	3
556814.1578	4483912.375	5
556814.1578	4483916.395	7
556814.1578	4483920.415	9
556814.1578	4483924.434	11
556814.1578	4483928.454	14
556814.1578	4483932.473	18
556814.1578	4483936.493	22
556814.1578	4483940.513	26
556814.1578	4483944.532	29
556814.1578	4483948.552	30
556814.1578	4483952.571	29
556814.1578	4483956.591	27
556814.1578	4483960.611	23
556814.1578	4483964.63	18
556814.1578	4483968.65	15
556814.1578	4483972.67	12
556814.1578	4483976.689	9
556814.1578	4483980.709	7
556814.1578	4483984.728	5
556814.1578	4483988.748	4
556814.1578	4483992.768	2
556814.1578	4483996.787	3
556814.1578	4484000.807	3
556818.1648	4483892.277	2
556818.1648	4483896.297	2
556818.1648	4483900.317	3
556818.1648	4483904.336	4
556818.1648	4483908.356	2
556818.1648	4483912.375	4
556818.1648	4483916.395	6
556818.1648	4483920.415	7
556818.1648	4483924.434	9
556818.1648	4483928.454	12
556818.1648	4483932.473	15
556818.1648	4483936.493	20

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556818.1648	4483940.513	27
556818.1648	4483944.532	30
556818.1648	4483948.552	30
556818.1648	4483952.571	28
556818.1648	4483956.591	26
556818.1648	4483960.611	22
556818.1648	4483964.63	19
556818.1648	4483968.65	15
556818.1648	4483972.67	13
556818.1648	4483976.689	10
556818.1648	4483980.709	8
556818.1648	4483984.728	6
556818.1648	4483988.748	4
556818.1648	4483992.768	3
556818.1648	4483996.787	4
556818.1648	4484000.807	3
556822.1719	4483892.277	2
556822.1719	4483896.297	3
556822.1719	4483900.317	3
556822.1719	4483904.336	3
556822.1719	4483908.356	1
556822.1719	4483912.375	3
556822.1719	4483916.395	4
556822.1719	4483920.415	6
556822.1719	4483924.434	7
556822.1719	4483928.454	8
556822.1719	4483932.473	10
556822.1719	4483936.493	14
556822.1719	4483940.513	23
556822.1719	4483944.532	30
556822.1719	4483948.552	27
556822.1719	4483952.571	25
556822.1719	4483956.591	23
556822.1719	4483960.611	21
556822.1719	4483964.63	18
556822.1719	4483968.65	15
556822.1719	4483972.67	13
556822.1719	4483976.689	11
556822.1719	4483980.709	9

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556822.1719	4483984.728	7
556822.1719	4483988.748	5
556822.1719	4483992.768	3
556822.1719	4483996.787	4
556822.1719	4484000.807	2
556822.1719	4484004.826	2
556826.179	4483888.258	2
556826.179	4483892.277	3
556826.179	4483896.297	3
556826.179	4483900.317	3
556826.179	4483904.336	3
556826.179	4483908.356	1
556826.179	4483912.375	2
556826.179	4483916.395	3
556826.179	4483920.415	4
556826.179	4483924.434	5
556826.179	4483928.454	5
556826.179	4483932.473	5
556826.179	4483936.493	4
556826.179	4483940.513	4
556826.179	4483944.532	17
556826.179	4483948.552	20
556826.179	4483952.571	21
556826.179	4483956.591	20
556826.179	4483960.611	19
556826.179	4483964.63	17
556826.179	4483968.65	15
556826.179	4483972.67	13
556826.179	4483976.689	10
556826.179	4483980.709	8
556826.179	4483984.728	6
556826.179	4483988.748	4
556826.179	4483992.768	3
556826.179	4483996.787	3
556826.179	4484000.807	2
556826.179	4484004.826	2
556830.1861	4483888.258	3
556830.1861	4483892.277	3
556830.1861	4483896.297	3

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556830.1861	4483900.317	2
556830.1861	4483904.336	2
556830.1861	4483908.356	3
556830.1861	4483912.375	1
556830.1861	4483916.395	2
556830.1861	4483920.415	2
556830.1861	4483924.434	2
556830.1861	4483928.454	2
556830.1861	4483932.473	1
556830.1861	4483940.513	2
556830.1861	4483944.532	9
556830.1861	4483948.552	14
556830.1861	4483952.571	16
556830.1861	4483956.591	17
556830.1861	4483960.611	16
556830.1861	4483964.63	15
556830.1861	4483968.65	13
556830.1861	4483972.67	12
556830.1861	4483976.689	11
556830.1861	4483980.709	9
556830.1861	4483984.728	6
556830.1861	4483988.748	4
556830.1861	4483992.768	4
556830.1861	4483996.787	3
556830.1861	4484000.807	2
556830.1861	4484004.826	2
556834.1932	4483888.258	3
556834.1932	4483892.277	3
556834.1932	4483896.297	2
556834.1932	4483900.317	2
556834.1932	4483904.336	2
556834.1932	4483908.356	2
556834.1932	4483912.375	2
556834.1932	4483916.395	2
556834.1932	4483920.415	2
556834.1932	4483924.434	1
556834.1932	4483928.454	1
556834.1932	4483940.513	2
556834.1932	4483944.532	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556834.1932	4483948.552	10
556834.1932	4483952.571	12
556834.1932	4483956.591	13
556834.1932	4483960.611	13
556834.1932	4483964.63	12
556834.1932	4483968.65	12
556834.1932	4483972.67	10
556834.1932	4483976.689	9
556834.1932	4483980.709	7
556834.1932	4483984.728	6
556834.1932	4483988.748	5
556834.1932	4483992.768	4
556834.1932	4483996.787	3
556834.1932	4484000.807	2
556838.2002	4483892.277	2
556838.2002	4483896.297	2
556838.2002	4483900.317	2
556838.2002	4483904.336	2
556838.2002	4483908.356	1
556838.2002	4483912.375	2
556838.2002	4483916.395	1
556838.2002	4483920.415	1
556838.2002	4483924.434	1
556838.2002	4483940.513	2
556838.2002	4483944.532	4
556838.2002	4483948.552	7
556838.2002	4483952.571	9
556838.2002	4483956.591	9
556838.2002	4483960.611	10
556838.2002	4483964.63	10
556838.2002	4483968.65	10
556838.2002	4483972.67	10
556838.2002	4483976.689	8
556838.2002	4483980.709	6
556838.2002	4483984.728	5
556838.2002	4483988.748	5
556838.2002	4483992.768	4
556838.2002	4483996.787	3
556838.2002	4484000.807	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556842.2073	4483892.277	3
556842.2073	4483896.297	2
556842.2073	4483900.317	2
556842.2073	4483904.336	1
556842.2073	4483908.356	1
556842.2073	4483912.375	1
556842.2073	4483916.395	1
556842.2073	4483940.513	2
556842.2073	4483944.532	3
556842.2073	4483948.552	5
556842.2073	4483952.571	6
556842.2073	4483956.591	6
556842.2073	4483960.611	7
556842.2073	4483964.63	7
556842.2073	4483968.65	7
556842.2073	4483972.67	8
556842.2073	4483976.689	8
556842.2073	4483980.709	5
556842.2073	4483984.728	4
556842.2073	4483988.748	2
556842.2073	4483992.768	3
556842.2073	4483996.787	3
556846.2144	4483892.277	3
556846.2144	4483896.297	2
556846.2144	4483900.317	1
556846.2144	4483904.336	1
556846.2144	4483908.356	1
556846.2144	4483912.375	1
556846.2144	4483940.513	1
556846.2144	4483944.532	2
556846.2144	4483948.552	3
556846.2144	4483952.571	4
556846.2144	4483956.591	4
556846.2144	4483960.611	5
556846.2144	4483964.63	5
556846.2144	4483968.65	6
556846.2144	4483972.67	6
556846.2144	4483976.689	5
556846.2144	4483980.709	5

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556846.2144	4483984.728	4
556846.2144	4483988.748	2
556846.2144	4483992.768	4
556850.2215	4483884.238	3
556850.2215	4483888.258	2
556850.2215	4483892.277	2
556850.2215	4483896.297	4
556850.2215	4483900.317	3
556850.2215	4483904.336	1
556850.2215	4483908.356	1
556850.2215	4483944.532	1
556850.2215	4483948.552	2
556850.2215	4483952.571	3
556850.2215	4483956.591	3
556850.2215	4483960.611	3
556850.2215	4483964.63	5
556850.2215	4483968.65	5
556850.2215	4483972.67	4
556850.2215	4483976.689	4
556850.2215	4483980.709	4
556850.2215	4483984.728	3
556850.2215	4483988.748	2
556854.2286	4483880.219	2
556854.2286	4483884.238	2
556854.2286	4483888.258	2
556854.2286	4483892.277	2
556854.2286	4483896.297	1
556854.2286	4483900.317	2
556854.2286	4483904.336	2
556854.2286	4483936.493	1
556854.2286	4483956.591	1
556854.2286	4483960.611	3
556854.2286	4483964.63	3
556854.2286	4483968.65	4
556854.2286	4483972.67	3
556854.2286	4483976.689	3
556854.2286	4483980.709	3
556854.2286	4483984.728	2
556854.2286	4483988.748	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556858.2356	4483852.081	2
556858.2356	4483856.101	2
556858.2356	4483876.199	2
556858.2356	4483880.219	2
556858.2356	4483884.238	3
556858.2356	4483888.258	1
556858.2356	4483892.277	1
556858.2356	4483896.297	1
556858.2356	4483900.317	1
556858.2356	4483904.336	1
556858.2356	4483932.473	1
556858.2356	4483936.493	1
556858.2356	4483940.513	2
556858.2356	4483944.532	2
556858.2356	4483948.552	2
556858.2356	4483952.571	2
556858.2356	4483960.611	2
556858.2356	4483964.63	3
556858.2356	4483968.65	2
556858.2356	4483972.67	3
556858.2356	4483976.689	2
556858.2356	4483980.709	2
556858.2356	4483984.728	2
556862.2427	4483848.062	2
556862.2427	4483852.081	2
556862.2427	4483856.101	2
556862.2427	4483860.121	2
556862.2427	4483876.199	2
556862.2427	4483880.219	2
556862.2427	4483884.238	2
556862.2427	4483888.258	1
556862.2427	4483892.277	1
556862.2427	4483896.297	1
556862.2427	4483900.317	1
556862.2427	4483928.454	1
556862.2427	4483932.473	1
556862.2427	4483936.493	1
556862.2427	4483940.513	2
556862.2427	4483944.532	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556862.2427	4483948.552	3
556862.2427	4483968.65	2
556862.2427	4483972.67	2
556862.2427	4483976.689	2
556862.2427	4483980.709	2
556866.2498	4483844.042	2
556866.2498	4483848.062	2
556866.2498	4483852.081	3
556866.2498	4483856.101	3
556866.2498	4483860.121	3
556866.2498	4483864.14	3
556866.2498	4483872.179	2
556866.2498	4483876.199	2
556866.2498	4483880.219	2
556866.2498	4483884.238	2
556866.2498	4483888.258	1
556866.2498	4483892.277	1
556866.2498	4483896.297	1
556866.2498	4483924.434	1
556866.2498	4483928.454	1
556866.2498	4483932.473	1
556866.2498	4483936.493	1
556866.2498	4483940.513	2
556866.2498	4483944.532	2
556866.2498	4483972.67	2
556866.2498	4483976.689	2
556870.2569	4483840.023	2
556870.2569	4483844.042	3
556870.2569	4483848.062	3
556870.2569	4483852.081	3
556870.2569	4483856.101	4
556870.2569	4483860.121	4
556870.2569	4483864.14	4
556870.2569	4483868.16	4
556870.2569	4483872.179	2
556870.2569	4483876.199	2
556870.2569	4483880.219	2
556870.2569	4483884.238	2
556870.2569	4483888.258	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556870.2569	4483892.277	1
556870.2569	4483920.415	1
556870.2569	4483924.434	1
556870.2569	4483928.454	1
556870.2569	4483932.473	1
556870.2569	4483936.493	1
556870.2569	4483940.513	3
556870.2569	4483944.532	3
556874.264	4483836.003	2
556874.264	4483840.023	3
556874.264	4483844.042	3
556874.264	4483848.062	4
556874.264	4483852.081	5
556874.264	4483856.101	5
556874.264	4483860.121	5
556874.264	4483864.14	5
556874.264	4483868.16	3
556874.264	4483872.179	3
556874.264	4483876.199	2
556874.264	4483880.219	1
556874.264	4483888.258	2
556874.264	4483892.277	1
556874.264	4483920.415	1
556874.264	4483924.434	4
556874.264	4483928.454	4
556874.264	4483932.473	2
556874.264	4483936.493	2
556874.264	4483940.513	3
556874.264	4483944.532	2
556878.2711	4483831.983	3
556878.2711	4483836.003	3
556878.2711	4483840.023	4
556878.2711	4483844.042	4
556878.2711	4483848.062	5
556878.2711	4483852.081	7
556878.2711	4483856.101	7
556878.2711	4483860.121	7
556878.2711	4483864.14	5
556878.2711	4483868.16	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556878.2711	4483872.179	5
556878.2711	4483876.199	4
556878.2711	4483880.219	3
556878.2711	4483884.238	2
556878.2711	4483888.258	2
556878.2711	4483892.277	1
556878.2711	4483920.415	1
556878.2711	4483924.434	1
556878.2711	4483928.454	2
556878.2711	4483932.473	3
556878.2711	4483936.493	3
556878.2711	4483940.513	3
556882.2781	4483827.964	2
556882.2781	4483831.983	3
556882.2781	4483836.003	4
556882.2781	4483840.023	5
556882.2781	4483844.042	6
556882.2781	4483848.062	7
556882.2781	4483852.081	8
556882.2781	4483856.101	9
556882.2781	4483860.121	8
556882.2781	4483864.14	8
556882.2781	4483868.16	8
556882.2781	4483872.179	7
556882.2781	4483876.199	6
556882.2781	4483880.219	4
556882.2781	4483884.238	2
556882.2781	4483888.258	1
556882.2781	4483916.395	1
556882.2781	4483920.415	1
556882.2781	4483924.434	1
556882.2781	4483928.454	2
556882.2781	4483932.473	3
556886.2852	4483655.121	3
556886.2852	4483659.141	3
556886.2852	4483827.964	2
556886.2852	4483831.983	3
556886.2852	4483836.003	5
556886.2852	4483840.023	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556886.2852	4483844.042	8
556886.2852	4483848.062	9
556886.2852	4483852.081	10
556886.2852	4483856.101	10
556886.2852	4483860.121	10
556886.2852	4483864.14	11
556886.2852	4483868.16	11
556886.2852	4483872.179	10
556886.2852	4483876.199	8
556886.2852	4483880.219	6
556886.2852	4483884.238	3
556886.2852	4483888.258	1
556886.2852	4483908.356	1
556886.2852	4483912.375	1
556886.2852	4483916.395	1
556886.2852	4483920.415	1
556886.2852	4483924.434	1
556886.2852	4483928.454	2
556886.2852	4483932.473	2
556890.2923	4483631.003	2
556890.2923	4483635.023	3
556890.2923	4483639.043	3
556890.2923	4483643.062	2
556890.2923	4483647.082	2
556890.2923	4483651.101	2
556890.2923	4483655.121	2
556890.2923	4483659.141	1
556890.2923	4483663.16	2
556890.2923	4483667.18	2
556890.2923	4483671.199	1
556890.2923	4483675.219	1
556890.2923	4483823.944	2
556890.2923	4483827.964	3
556890.2923	4483831.983	4
556890.2923	4483836.003	5
556890.2923	4483840.023	6
556890.2923	4483844.042	9
556890.2923	4483848.062	11
556890.2923	4483852.081	12

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556890.2923	4483856.101	13
556890.2923	4483860.121	14
556890.2923	4483864.14	13
556890.2923	4483868.16	14
556890.2923	4483872.179	13
556890.2923	4483876.199	11
556890.2923	4483880.219	7
556890.2923	4483884.238	3
556890.2923	4483888.258	1
556890.2923	4483900.317	1
556890.2923	4483904.336	1
556890.2923	4483908.356	1
556890.2923	4483912.375	2
556890.2923	4483916.395	1
556890.2923	4483920.415	1
556890.2923	4483924.434	2
556890.2923	4483928.454	2
556890.2923	4483932.473	3
556890.2923	4483936.493	3
556894.2994	4483554.631	6
556894.2994	4483558.65	1
556894.2994	4483562.67	1
556894.2994	4483566.69	1
556894.2994	4483626.984	3
556894.2994	4483631.003	3
556894.2994	4483635.023	3
556894.2994	4483639.043	2
556894.2994	4483643.062	2
556894.2994	4483647.082	2
556894.2994	4483651.101	4
556894.2994	4483655.121	1
556894.2994	4483659.141	2
556894.2994	4483663.16	1
556894.2994	4483667.18	1
556894.2994	4483671.199	1
556894.2994	4483819.925	1
556894.2994	4483823.944	2
556894.2994	4483827.964	3
556894.2994	4483831.983	4

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556894.2994	4483836.003	5
556894.2994	4483840.023	7
556894.2994	4483844.042	9
556894.2994	4483848.062	11
556894.2994	4483852.081	14
556894.2994	4483856.101	15
556894.2994	4483860.121	16
556894.2994	4483864.14	17
556894.2994	4483868.16	17
556894.2994	4483872.179	17
556894.2994	4483876.199	15
556894.2994	4483880.219	10
556894.2994	4483884.238	4
556894.2994	4483896.297	1
556894.2994	4483900.317	2
556894.2994	4483904.336	2
556894.2994	4483908.356	2
556894.2994	4483912.375	1
556894.2994	4483916.395	2
556894.2994	4483920.415	2
556894.2994	4483924.434	2
556894.2994	4483928.454	2
556894.2994	4483932.473	2
556894.2994	4483936.493	3
556898.3065	4483554.631	5
556898.3065	4483558.65	4
556898.3065	4483562.67	3
556898.3065	4483566.69	3
556898.3065	4483618.945	2
556898.3065	4483622.964	3
556898.3065	4483626.984	3
556898.3065	4483631.003	3
556898.3065	4483635.023	2
556898.3065	4483639.043	2
556898.3065	4483643.062	2
556898.3065	4483647.082	9
556898.3065	4483651.101	9
556898.3065	4483655.121	2
556898.3065	4483659.141	3

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556898.3065	4483663.16	2
556898.3065	4483667.18	2
556898.3065	4483819.925	2
556898.3065	4483823.944	2
556898.3065	4483827.964	3
556898.3065	4483831.983	5
556898.3065	4483836.003	5
556898.3065	4483840.023	7
556898.3065	4483844.042	9
556898.3065	4483848.062	13
556898.3065	4483852.081	15
556898.3065	4483856.101	17
556898.3065	4483860.121	19
556898.3065	4483864.14	20
556898.3065	4483868.16	21
556898.3065	4483872.179	22
556898.3065	4483876.199	20
556898.3065	4483880.219	17
556898.3065	4483884.238	6
556898.3065	4483888.258	1
556898.3065	4483892.277	2
556898.3065	4483896.297	3
556898.3065	4483900.317	4
556898.3065	4483904.336	4
556898.3065	4483908.356	3
556898.3065	4483912.375	2
556898.3065	4483916.395	3
556898.3065	4483920.415	2
556898.3065	4483924.434	2
556898.3065	4483928.454	2
556898.3065	4483932.473	2
556898.3065	4483936.493	2
556902.3135	4483546.592	6
556902.3135	4483550.611	6
556902.3135	4483554.631	4
556902.3135	4483558.65	3
556902.3135	4483562.67	2
556902.3135	4483566.69	2
556902.3135	4483614.925	3

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556902.3135	4483618.945	3
556902.3135	4483622.964	3
556902.3135	4483626.984	4
556902.3135	4483631.003	4
556902.3135	4483635.023	3
556902.3135	4483639.043	3
556902.3135	4483643.062	10
556902.3135	4483647.082	8
556902.3135	4483651.101	6
556902.3135	4483655.121	9
556902.3135	4483659.141	8
556902.3135	4483663.16	7
556902.3135	4483667.18	1
556902.3135	4483691.297	1
556902.3135	4483815.905	1
556902.3135	4483819.925	2
556902.3135	4483823.944	3
556902.3135	4483827.964	4
556902.3135	4483831.983	4
556902.3135	4483836.003	5
556902.3135	4483840.023	7
556902.3135	4483844.042	9
556902.3135	4483848.062	12
556902.3135	4483852.081	14
556902.3135	4483856.101	18
556902.3135	4483860.121	20
556902.3135	4483864.14	22
556902.3135	4483868.16	24
556902.3135	4483872.179	26
556902.3135	4483876.199	27
556902.3135	4483880.219	28
556902.3135	4483884.238	22
556902.3135	4483888.258	11
556902.3135	4483892.277	8
556902.3135	4483896.297	6
556902.3135	4483900.317	5
556902.3135	4483904.336	4
556902.3135	4483908.356	3
556902.3135	4483912.375	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556902.3135	4483916.395	3
556902.3135	4483920.415	2
556902.3135	4483924.434	3
556902.3135	4483928.454	3
556902.3135	4483932.473	3
556902.3135	4483936.493	2
556906.3206	4483514.435	5
556906.3206	4483518.454	5
556906.3206	4483546.592	6
556906.3206	4483550.611	5
556906.3206	4483554.631	4
556906.3206	4483558.65	2
556906.3206	4483562.67	1
556906.3206	4483566.69	1
556906.3206	4483610.905	3
556906.3206	4483614.925	4
556906.3206	4483618.945	5
556906.3206	4483622.964	4
556906.3206	4483626.984	4
556906.3206	4483631.003	4
556906.3206	4483635.023	3
556906.3206	4483639.043	9
556906.3206	4483643.062	8
556906.3206	4483647.082	6
556906.3206	4483651.101	9
556906.3206	4483655.121	7
556906.3206	4483659.141	6
556906.3206	4483663.16	5
556906.3206	4483691.297	1
556906.3206	4483695.317	2
556906.3206	4483815.905	2
556906.3206	4483819.925	2
556906.3206	4483823.944	3
556906.3206	4483827.964	4
556906.3206	4483831.983	3
556906.3206	4483836.003	5
556906.3206	4483840.023	7
556906.3206	4483844.042	10
556906.3206	4483848.062	13

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556906.3206	4483852.081	15
556906.3206	4483856.101	18
556906.3206	4483860.121	21
556906.3206	4483864.14	24
556906.3206	4483868.16	27
556906.3206	4483872.179	28
556906.3206	4483876.199	30
556906.3206	4483880.219	31
556906.3206	4483884.238	27
556906.3206	4483888.258	18
556906.3206	4483892.277	13
556906.3206	4483896.297	10
556906.3206	4483900.317	8
556906.3206	4483904.336	6
556906.3206	4483908.356	4
556906.3206	4483912.375	3
556906.3206	4483916.395	1
556906.3206	4483920.415	3
556906.3206	4483924.434	3
556906.3206	4483928.454	3
556906.3206	4483932.473	2
556910.3277	4483510.415	3
556910.3277	4483514.435	15
556910.3277	4483518.454	14
556910.3277	4483522.474	5
556910.3277	4483526.494	3
556910.3277	4483542.572	6
556910.3277	4483546.592	5
556910.3277	4483550.611	5
556910.3277	4483554.631	3
556910.3277	4483558.65	2
556910.3277	4483562.67	1
556910.3277	4483606.886	2
556910.3277	4483610.905	9
556910.3277	4483614.925	10
556910.3277	4483618.945	6
556910.3277	4483622.964	7
556910.3277	4483626.984	5
556910.3277	4483631.003	5

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556910.3277	4483635.023	9
556910.3277	4483639.043	8
556910.3277	4483643.062	8
556910.3277	4483647.082	6
556910.3277	4483651.101	7
556910.3277	4483655.121	5
556910.3277	4483659.141	3
556910.3277	4483663.16	3
556910.3277	4483691.297	1
556910.3277	4483695.317	2
556910.3277	4483699.337	3
556910.3277	4483815.905	2
556910.3277	4483819.925	2
556910.3277	4483823.944	3
556910.3277	4483827.964	4
556910.3277	4483831.983	3
556910.3277	4483836.003	5
556910.3277	4483840.023	7
556910.3277	4483844.042	9
556910.3277	4483848.062	12
556910.3277	4483852.081	15
556910.3277	4483856.101	18
556910.3277	4483860.121	22
556910.3277	4483864.14	25
556910.3277	4483868.16	28
556910.3277	4483872.179	30
556910.3277	4483876.199	30
556910.3277	4483880.219	29
556910.3277	4483884.238	26
556910.3277	4483888.258	21
556910.3277	4483892.277	17
556910.3277	4483896.297	13
556910.3277	4483900.317	10
556910.3277	4483904.336	8
556910.3277	4483908.356	6
556910.3277	4483912.375	4
556910.3277	4483916.395	2
556910.3277	4483920.415	4
556910.3277	4483924.434	3

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556910.3277	4483928.454	2
556914.3348	4483510.415	16
556914.3348	4483514.435	15
556914.3348	4483518.454	15
556914.3348	4483522.474	11
556914.3348	4483526.494	10
556914.3348	4483530.513	3
556914.3348	4483538.552	3
556914.3348	4483542.572	3
556914.3348	4483546.592	5
556914.3348	4483550.611	4
556914.3348	4483554.631	3
556914.3348	4483558.65	1
556914.3348	4483562.67	1
556914.3348	4483606.886	9
556914.3348	4483610.905	10
556914.3348	4483614.925	13
556914.3348	4483618.945	14
556914.3348	4483622.964	8
556914.3348	4483626.984	8
556914.3348	4483631.003	6
556914.3348	4483635.023	10
556914.3348	4483639.043	9
556914.3348	4483643.062	7
556914.3348	4483647.082	8
556914.3348	4483651.101	6
556914.3348	4483655.121	3
556914.3348	4483659.141	2
556914.3348	4483663.16	1
556914.3348	4483691.297	1
556914.3348	4483695.317	2
556914.3348	4483699.337	3
556914.3348	4483819.925	2
556914.3348	4483823.944	3
556914.3348	4483827.964	4
556914.3348	4483831.983	2
556914.3348	4483836.003	4
556914.3348	4483840.023	6
556914.3348	4483844.042	8

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556914.3348	4483848.062	10
556914.3348	4483852.081	13
556914.3348	4483856.101	17
556914.3348	4483860.121	21
556914.3348	4483864.14	25
556914.3348	4483868.16	29
556914.3348	4483872.179	30
556914.3348	4483876.199	30
556914.3348	4483880.219	28
556914.3348	4483884.238	26
556914.3348	4483888.258	22
556914.3348	4483892.277	18
556914.3348	4483896.297	14
556914.3348	4483900.317	11
556914.3348	4483904.336	9
556914.3348	4483908.356	7
556914.3348	4483912.375	5
556914.3348	4483916.395	3
556914.3348	4483920.415	4
556914.3348	4483924.434	3
556914.3348	4483928.454	2
556918.3419	4483506.396	10
556918.3419	4483510.415	16
556918.3419	4483514.435	16
556918.3419	4483518.454	15
556918.3419	4483522.474	12
556918.3419	4483526.494	10
556918.3419	4483530.513	9
556918.3419	4483534.533	1
556918.3419	4483538.552	1
556918.3419	4483542.572	1
556918.3419	4483546.592	1
556918.3419	4483550.611	1
556918.3419	4483554.631	2
556918.3419	4483558.65	1
556918.3419	4483602.866	10
556918.3419	4483606.886	10
556918.3419	4483610.905	12
556918.3419	4483614.925	16

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556918.3419	4483618.945	17
556918.3419	4483622.964	17
556918.3419	4483626.984	17
556918.3419	4483631.003	8
556918.3419	4483635.023	14
556918.3419	4483639.043	10
556918.3419	4483643.062	12
556918.3419	4483647.082	9
556918.3419	4483651.101	6
556918.3419	4483655.121	3
556918.3419	4483659.141	2
556918.3419	4483687.278	1
556918.3419	4483691.297	1
556918.3419	4483695.317	2
556918.3419	4483699.337	3
556918.3419	4483703.356	5
556918.3419	4483819.925	2
556918.3419	4483823.944	3
556918.3419	4483827.964	4
556918.3419	4483831.983	5
556918.3419	4483836.003	3
556918.3419	4483840.023	5
556918.3419	4483844.042	7
556918.3419	4483848.062	8
556918.3419	4483852.081	11
556918.3419	4483856.101	14
556918.3419	4483860.121	18
556918.3419	4483864.14	24
556918.3419	4483868.16	29
556918.3419	4483872.179	29
556918.3419	4483876.199	28
556918.3419	4483880.219	26
556918.3419	4483884.238	24
556918.3419	4483888.258	21
556918.3419	4483892.277	18
556918.3419	4483896.297	15
556918.3419	4483900.317	12
556918.3419	4483904.336	10
556918.3419	4483908.356	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556918.3419	4483912.375	6
556918.3419	4483916.395	4
556918.3419	4483920.415	5
556918.3419	4483924.434	3
556918.3419	4483928.454	2
556918.3419	4483932.473	2
556922.3489	4483502.376	17
556922.3489	4483506.396	17
556922.3489	4483510.415	17
556922.3489	4483514.435	16
556922.3489	4483518.454	14
556922.3489	4483522.474	13
556922.3489	4483526.494	11
556922.3489	4483530.513	10
556922.3489	4483534.533	5
556922.3489	4483538.552	4
556922.3489	4483542.572	3
556922.3489	4483546.592	2
556922.3489	4483550.611	1
556922.3489	4483554.631	2
556922.3489	4483558.65	1
556922.3489	4483598.847	10
556922.3489	4483602.866	9
556922.3489	4483606.886	12
556922.3489	4483610.905	16
556922.3489	4483614.925	19
556922.3489	4483618.945	21
556922.3489	4483622.964	22
556922.3489	4483626.984	16
556922.3489	4483631.003	17
556922.3489	4483635.023	11
556922.3489	4483639.043	13
556922.3489	4483643.062	10
556922.3489	4483647.082	7
556922.3489	4483651.101	6
556922.3489	4483655.121	3
556922.3489	4483659.141	1
556922.3489	4483679.239	1
556922.3489	4483683.258	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556922.3489	4483687.278	3
556922.3489	4483691.297	4
556922.3489	4483695.317	5
556922.3489	4483699.337	4
556922.3489	4483703.356	5
556922.3489	4483815.905	2
556922.3489	4483819.925	3
556922.3489	4483823.944	3
556922.3489	4483827.964	3
556922.3489	4483831.983	3
556922.3489	4483836.003	2
556922.3489	4483840.023	3
556922.3489	4483844.042	5
556922.3489	4483848.062	6
556922.3489	4483852.081	8
556922.3489	4483856.101	9
556922.3489	4483860.121	12
556922.3489	4483864.14	18
556922.3489	4483868.16	29
556922.3489	4483872.179	26
556922.3489	4483876.199	25
556922.3489	4483880.219	24
556922.3489	4483884.238	22
556922.3489	4483888.258	20
556922.3489	4483892.277	17
556922.3489	4483896.297	14
556922.3489	4483900.317	12
556922.3489	4483904.336	10
556922.3489	4483908.356	8
556922.3489	4483912.375	6
556922.3489	4483916.395	4
556922.3489	4483920.415	2
556922.3489	4483924.434	3
556922.3489	4483928.454	2
556922.3489	4483932.473	2
556926.356	4483498.356	14
556926.356	4483502.376	13
556926.356	4483506.396	17
556926.356	4483510.415	17

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556926.356	4483514.435	16
556926.356	4483518.454	15
556926.356	4483522.474	14
556926.356	4483526.494	13
556926.356	4483530.513	13
556926.356	4483534.533	12
556926.356	4483538.552	11
556926.356	4483542.572	9
556926.356	4483546.592	4
556926.356	4483550.611	3
556926.356	4483554.631	2
556926.356	4483558.65	1
556926.356	4483582.768	1
556926.356	4483586.788	1
556926.356	4483590.807	2
556926.356	4483594.827	14
556926.356	4483598.847	14
556926.356	4483602.866	16
556926.356	4483606.886	16
556926.356	4483610.905	19
556926.356	4483614.925	22
556926.356	4483618.945	24
556926.356	4483622.964	28
556926.356	4483626.984	23
556926.356	4483631.003	22
556926.356	4483635.023	21
556926.356	4483639.043	20
556926.356	4483643.062	15
556926.356	4483647.082	10
556926.356	4483651.101	6
556926.356	4483655.121	3
556926.356	4483659.141	1
556926.356	4483671.199	1
556926.356	4483675.219	2
556926.356	4483679.239	3
556926.356	4483683.258	6
556926.356	4483687.278	8
556926.356	4483691.297	11
556926.356	4483695.317	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556926.356	4483699.337	4
556926.356	4483703.356	5
556926.356	4483811.885	2
556926.356	4483815.905	2
556926.356	4483819.925	3
556926.356	4483823.944	3
556926.356	4483827.964	4
556926.356	4483831.983	4
556926.356	4483836.003	3
556926.356	4483840.023	2
556926.356	4483844.042	3
556926.356	4483848.062	4
556926.356	4483852.081	4
556926.356	4483856.101	4
556926.356	4483860.121	4
556926.356	4483864.14	1
556926.356	4483868.16	14
556926.356	4483872.179	19
556926.356	4483876.199	20
556926.356	4483880.219	20
556926.356	4483884.238	19
556926.356	4483888.258	17
556926.356	4483892.277	15
556926.356	4483896.297	14
556926.356	4483900.317	11
556926.356	4483904.336	9
556926.356	4483908.356	7
556926.356	4483912.375	5
556926.356	4483916.395	4
556926.356	4483920.415	2
556926.356	4483924.434	3
556926.356	4483928.454	2
556926.356	4483932.473	2
556930.3631	4483498.356	10
556930.3631	4483502.376	26
556930.3631	4483506.396	23
556930.3631	4483510.415	23
556930.3631	4483514.435	17
556930.3631	4483518.454	16

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556930.3631	4483522.474	15
556930.3631	4483526.494	17
556930.3631	4483530.513	15
556930.3631	4483534.533	14
556930.3631	4483538.552	13
556930.3631	4483542.572	10
556930.3631	4483546.592	6
556930.3631	4483550.611	3
556930.3631	4483554.631	2
556930.3631	4483578.749	1
556930.3631	4483582.768	1
556930.3631	4483586.788	2
556930.3631	4483590.807	3
556930.3631	4483594.827	9
556930.3631	4483598.847	12
556930.3631	4483602.866	18
556930.3631	4483606.886	23
556930.3631	4483610.905	24
556930.3631	4483614.925	25
556930.3631	4483618.945	28
556930.3631	4483622.964	28
556930.3631	4483626.984	28
556930.3631	4483631.003	28
556930.3631	4483635.023	30
556930.3631	4483639.043	26
556930.3631	4483643.062	21
556930.3631	4483647.082	14
556930.3631	4483651.101	8
556930.3631	4483655.121	3
556930.3631	4483667.18	1
556930.3631	4483671.199	2
556930.3631	4483675.219	3
556930.3631	4483679.239	5
556930.3631	4483683.258	7
556930.3631	4483687.278	10
556930.3631	4483691.297	13
556930.3631	4483695.317	7
556930.3631	4483699.337	8
556930.3631	4483703.356	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556930.3631	4483707.376	4
556930.3631	4483811.885	2
556930.3631	4483815.905	2
556930.3631	4483819.925	2
556930.3631	4483823.944	2
556930.3631	4483827.964	2
556930.3631	4483831.983	2
556930.3631	4483836.003	2
556930.3631	4483840.023	2
556930.3631	4483844.042	2
556930.3631	4483848.062	3
556930.3631	4483852.081	2
556930.3631	4483856.101	1
556930.3631	4483864.14	1
556930.3631	4483868.16	6
556930.3631	4483872.179	12
556930.3631	4483876.199	15
556930.3631	4483880.219	16
556930.3631	4483884.238	16
556930.3631	4483888.258	16
556930.3631	4483892.277	15
556930.3631	4483896.297	14
556930.3631	4483900.317	11
556930.3631	4483904.336	9
556930.3631	4483908.356	7
556930.3631	4483912.375	5
556930.3631	4483916.395	3
556930.3631	4483920.415	4
556930.3631	4483924.434	3
556930.3631	4483928.454	2
556934.3702	4483494.337	8
556934.3702	4483498.356	17
556934.3702	4483502.376	18
556934.3702	4483506.396	26
556934.3702	4483510.415	16
556934.3702	4483514.435	19
556934.3702	4483518.454	18
556934.3702	4483522.474	17
556934.3702	4483526.494	18

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556934.3702	4483530.513	18
556934.3702	4483534.533	15
556934.3702	4483538.552	14
556934.3702	4483542.572	12
556934.3702	4483546.592	7
556934.3702	4483550.611	4
556934.3702	4483554.631	2
556934.3702	4483570.709	1
556934.3702	4483574.729	1
556934.3702	4483578.749	2
556934.3702	4483582.768	2
556934.3702	4483586.788	2
556934.3702	4483590.807	10
556934.3702	4483594.827	11
556934.3702	4483598.847	15
556934.3702	4483602.866	21
556934.3702	4483606.886	21
556934.3702	4483610.905	27
556934.3702	4483614.925	31
556934.3702	4483618.945	34
556934.3702	4483622.964	33
556934.3702	4483626.984	34
556934.3702	4483631.003	37
556934.3702	4483635.023	36
556934.3702	4483639.043	32
556934.3702	4483643.062	27
556934.3702	4483647.082	20
556934.3702	4483651.101	11
556934.3702	4483655.121	2
556934.3702	4483663.16	1
556934.3702	4483667.18	3
556934.3702	4483671.199	4
556934.3702	4483675.219	5
556934.3702	4483679.239	6
556934.3702	4483683.258	8
556934.3702	4483687.278	10
556934.3702	4483691.297	14
556934.3702	4483695.317	16
556934.3702	4483699.337	9

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556934.3702	4483703.356	4
556934.3702	4483707.376	4
556934.3702	4483815.905	3
556934.3702	4483819.925	2
556934.3702	4483823.944	2
556934.3702	4483827.964	2
556934.3702	4483831.983	2
556934.3702	4483836.003	1
556934.3702	4483840.023	1
556934.3702	4483844.042	2
556934.3702	4483848.062	1
556934.3702	4483852.081	1
556934.3702	4483864.14	1
556934.3702	4483868.16	4
556934.3702	4483872.179	8
556934.3702	4483876.199	11
556934.3702	4483880.219	12
556934.3702	4483884.238	13
556934.3702	4483888.258	13
556934.3702	4483892.277	13
556934.3702	4483896.297	12
556934.3702	4483900.317	11
556934.3702	4483904.336	8
556934.3702	4483908.356	6
556934.3702	4483912.375	5
556934.3702	4483916.395	3
556934.3702	4483920.415	3
556934.3702	4483924.434	2
556934.3702	4483928.454	1
556938.3773	4483490.317	6
556938.3773	4483494.337	18
556938.3773	4483498.356	17
556938.3773	4483502.376	18
556938.3773	4483506.396	9
556938.3773	4483510.415	11
556938.3773	4483514.435	17
556938.3773	4483518.454	20
556938.3773	4483522.474	22
556938.3773	4483526.494	21

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556938.3773	4483530.513	20
556938.3773	4483534.533	18
556938.3773	4483538.552	17
556938.3773	4483542.572	14
556938.3773	4483546.592	10
556938.3773	4483550.611	5
556938.3773	4483554.631	1
556938.3773	4483566.69	1
556938.3773	4483570.709	2
556938.3773	4483574.729	2
556938.3773	4483578.749	2
556938.3773	4483582.768	3
556938.3773	4483586.788	7
556938.3773	4483590.807	12
556938.3773	4483594.827	16
556938.3773	4483598.847	18
556938.3773	4483602.866	20
556938.3773	4483606.886	23
556938.3773	4483610.905	27
556938.3773	4483614.925	36
556938.3773	4483618.945	37
556938.3773	4483622.964	40
556938.3773	4483626.984	42
556938.3773	4483631.003	45
556938.3773	4483635.023	44
556938.3773	4483639.043	40
556938.3773	4483643.062	34
556938.3773	4483647.082	27
556938.3773	4483651.101	19
556938.3773	4483655.121	5
556938.3773	4483659.141	4
556938.3773	4483663.16	6
556938.3773	4483667.18	6
556938.3773	4483671.199	7
556938.3773	4483675.219	8
556938.3773	4483679.239	8
556938.3773	4483683.258	8
556938.3773	4483687.278	12
556938.3773	4483691.297	16

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556938.3773	4483695.317	18
556938.3773	4483699.337	7
556938.3773	4483703.356	4
556938.3773	4483707.376	4
556938.3773	4483815.905	2
556938.3773	4483819.925	2
556938.3773	4483823.944	2
556938.3773	4483827.964	1
556938.3773	4483831.983	1
556938.3773	4483836.003	1
556938.3773	4483840.023	1
556938.3773	4483844.042	1
556938.3773	4483864.14	1
556938.3773	4483868.16	3
556938.3773	4483872.179	6
556938.3773	4483876.199	8
556938.3773	4483880.219	9
556938.3773	4483884.238	9
556938.3773	4483888.258	9
556938.3773	4483892.277	10
556938.3773	4483896.297	9
556938.3773	4483900.317	9
556938.3773	4483904.336	9
556938.3773	4483908.356	7
556938.3773	4483912.375	6
556938.3773	4483916.395	4
556938.3773	4483920.415	3
556938.3773	4483924.434	2
556942.3844	4483490.317	30
556942.3844	4483494.337	30
556942.3844	4483498.356	18
556942.3844	4483502.376	7
556942.3844	4483506.396	8
556942.3844	4483510.415	10
556942.3844	4483514.435	12
556942.3844	4483518.454	27
556942.3844	4483522.474	26
556942.3844	4483526.494	27
556942.3844	4483530.513	23

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556942.3844	4483534.533	21
556942.3844	4483538.552	20
556942.3844	4483542.572	19
556942.3844	4483546.592	15
556942.3844	4483550.611	8
556942.3844	4483554.631	1
556942.3844	4483558.65	1
556942.3844	4483562.67	2
556942.3844	4483566.69	3
556942.3844	4483570.709	3
556942.3844	4483574.729	4
556942.3844	4483578.749	4
556942.3844	4483582.768	4
556942.3844	4483586.788	12
556942.3844	4483590.807	14
556942.3844	4483594.827	20
556942.3844	4483598.847	19
556942.3844	4483602.866	22
556942.3844	4483606.886	25
556942.3844	4483610.905	30
556942.3844	4483614.925	36
556942.3844	4483618.945	40
556942.3844	4483622.964	44
556942.3844	4483626.984	50
556942.3844	4483631.003	52
556942.3844	4483635.023	52
556942.3844	4483639.043	49
556942.3844	4483643.062	42
556942.3844	4483647.082	34
556942.3844	4483651.101	30
556942.3844	4483655.121	24
556942.3844	4483659.141	15
556942.3844	4483663.16	12
556942.3844	4483667.18	10
556942.3844	4483671.199	8
556942.3844	4483675.219	6
556942.3844	4483679.239	11
556942.3844	4483683.258	11
556942.3844	4483687.278	14

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556942.3844	4483691.297	16
556942.3844	4483695.317	20
556942.3844	4483699.337	6
556942.3844	4483703.356	4
556942.3844	4483707.376	4
556942.3844	4483815.905	3
556942.3844	4483819.925	2
556942.3844	4483823.944	2
556942.3844	4483827.964	1
556942.3844	4483831.983	1
556942.3844	4483836.003	1
556942.3844	4483840.023	1
556942.3844	4483864.14	1
556942.3844	4483868.16	3
556942.3844	4483872.179	4
556942.3844	4483876.199	6
556942.3844	4483880.219	7
556942.3844	4483884.238	6
556942.3844	4483888.258	7
556942.3844	4483892.277	7
556942.3844	4483896.297	8
556942.3844	4483900.317	7
556942.3844	4483904.336	7
556942.3844	4483908.356	6
556942.3844	4483912.375	4
556942.3844	4483916.395	3
556942.3844	4483920.415	2
556946.3914	4483486.298	15
556946.3914	4483490.317	30
556946.3914	4483494.337	30
556946.3914	4483498.356	30
556946.3914	4483502.376	17
556946.3914	4483506.396	9
556946.3914	4483510.415	10
556946.3914	4483514.435	25
556946.3914	4483518.454	25
556946.3914	4483522.474	30
556946.3914	4483526.494	30
556946.3914	4483530.513	27

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556946.3914	4483534.533	24
556946.3914	4483538.552	24
556946.3914	4483542.572	24
556946.3914	4483546.592	23
556946.3914	4483550.611	18
556946.3914	4483554.631	8
556946.3914	4483558.65	6
556946.3914	4483562.67	6
556946.3914	4483566.69	6
556946.3914	4483570.709	6
556946.3914	4483574.729	5
556946.3914	4483578.749	5
556946.3914	4483582.768	9
556946.3914	4483586.788	12
556946.3914	4483590.807	13
556946.3914	4483594.827	16
556946.3914	4483598.847	20
556946.3914	4483602.866	22
556946.3914	4483606.886	26
556946.3914	4483610.905	31
556946.3914	4483614.925	37
556946.3914	4483618.945	42
556946.3914	4483622.964	51
556946.3914	4483626.984	56
556946.3914	4483631.003	59
556946.3914	4483635.023	62
556946.3914	4483639.043	61
556946.3914	4483643.062	53
556946.3914	4483647.082	40
556946.3914	4483651.101	33
556946.3914	4483655.121	30
556946.3914	4483659.141	24
556946.3914	4483663.16	20
556946.3914	4483667.18	17
556946.3914	4483671.199	14
556946.3914	4483675.219	10
556946.3914	4483679.239	15
556946.3914	4483683.258	14
556946.3914	4483687.278	23

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556946.3914	4483691.297	25
556946.3914	4483695.317	16
556946.3914	4483699.337	8
556946.3914	4483703.356	5
556946.3914	4483707.376	5
556946.3914	4483819.925	2
556946.3914	4483823.944	1
556946.3914	4483827.964	1
556946.3914	4483836.003	1
556946.3914	4483860.121	1
556946.3914	4483864.14	2
556946.3914	4483868.16	2
556946.3914	4483872.179	3
556946.3914	4483876.199	4
556946.3914	4483880.219	5
556946.3914	4483884.238	4
556946.3914	4483888.258	5
556946.3914	4483892.277	6
556946.3914	4483896.297	6
556946.3914	4483900.317	6
556946.3914	4483904.336	5
556946.3914	4483908.356	4
556946.3914	4483912.375	3
556946.3914	4483916.395	3
556950.3985	4483482.278	14
556950.3985	4483486.298	16
556950.3985	4483490.317	24
556950.3985	4483494.337	30
556950.3985	4483498.356	22
556950.3985	4483502.376	19
556950.3985	4483506.396	19
556950.3985	4483510.415	11
556950.3985	4483514.435	27
556950.3985	4483518.454	27
556950.3985	4483522.474	27
556950.3985	4483526.494	25
556950.3985	4483530.513	27
556950.3985	4483534.533	26
556950.3985	4483538.552	27

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556950.3985	4483542.572	29
556950.3985	4483546.592	30
556950.3985	4483550.611	32
556950.3985	4483554.631	20
556950.3985	4483558.65	14
556950.3985	4483562.67	11
556950.3985	4483566.69	9
556950.3985	4483570.709	7
556950.3985	4483574.729	6
556950.3985	4483578.749	4
556950.3985	4483582.768	8
556950.3985	4483586.788	7
556950.3985	4483590.807	17
556950.3985	4483594.827	16
556950.3985	4483598.847	21
556950.3985	4483602.866	22
556950.3985	4483606.886	25
556950.3985	4483610.905	31
556950.3985	4483614.925	38
556950.3985	4483618.945	44
556950.3985	4483622.964	53
556950.3985	4483626.984	59
556950.3985	4483631.003	66
556950.3985	4483635.023	71
556950.3985	4483639.043	75
556950.3985	4483643.062	71
556950.3985	4483647.082	51
556950.3985	4483651.101	43
556950.3985	4483655.121	38
556950.3985	4483659.141	32
556950.3985	4483663.16	27
556950.3985	4483667.18	23
556950.3985	4483671.199	19
556950.3985	4483675.219	17
556950.3985	4483679.239	14
556950.3985	4483683.258	23
556950.3985	4483687.278	23
556950.3985	4483691.297	17
556950.3985	4483695.317	16

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556950.3985	4483699.337	17
556950.3985	4483703.356	6
556950.3985	4483707.376	5
556950.3985	4483819.925	2
556950.3985	4483823.944	1
556950.3985	4483827.964	1
556950.3985	4483831.983	1
556950.3985	4483860.121	1
556950.3985	4483864.14	2
556950.3985	4483868.16	1
556950.3985	4483872.179	1
556950.3985	4483876.199	2
556950.3985	4483880.219	3
556950.3985	4483884.238	3
556950.3985	4483888.258	4
556950.3985	4483892.277	5
556950.3985	4483896.297	5
556950.3985	4483900.317	4
556950.3985	4483904.336	4
556950.3985	4483908.356	3
556950.3985	4483912.375	3
556954.4056	4483482.278	11
556954.4056	4483486.298	17
556954.4056	4483490.317	17
556954.4056	4483494.337	24
556954.4056	4483498.356	22
556954.4056	4483502.376	20
556954.4056	4483506.396	20
556954.4056	4483510.415	41
556954.4056	4483514.435	34
556954.4056	4483518.454	29
556954.4056	4483522.474	28
556954.4056	4483526.494	25
556954.4056	4483530.513	27
556954.4056	4483534.533	28
556954.4056	4483538.552	29
556954.4056	4483542.572	31
556954.4056	4483546.592	32
556954.4056	4483550.611	31

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556954.4056	4483554.631	25
556954.4056	4483558.65	19
556954.4056	4483562.67	15
556954.4056	4483566.69	12
556954.4056	4483570.709	9
556954.4056	4483574.729	7
556954.4056	4483578.749	6
556954.4056	4483582.768	9
556954.4056	4483586.788	10
556954.4056	4483590.807	19
556954.4056	4483594.827	16
556954.4056	4483598.847	20
556954.4056	4483602.866	21
556954.4056	4483606.886	24
556954.4056	4483610.905	30
556954.4056	4483614.925	37
556954.4056	4483618.945	46
556954.4056	4483622.964	53
556954.4056	4483626.984	61
556954.4056	4483631.003	69
556954.4056	4483635.023	78
556954.4056	4483639.043	86
556954.4056	4483643.062	91
556954.4056	4483647.082	72
556954.4056	4483651.101	56
556954.4056	4483655.121	46
556954.4056	4483659.141	39
556954.4056	4483663.16	33
556954.4056	4483667.18	28
556954.4056	4483671.199	24
556954.4056	4483675.219	20
556954.4056	4483679.239	17
556954.4056	4483683.258	26
556954.4056	4483687.278	17
556954.4056	4483691.297	15
556954.4056	4483695.317	17
556954.4056	4483699.337	6
556954.4056	4483703.356	5
556954.4056	4483707.376	5

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556954.4056	4483860.121	1
556954.4056	4483864.14	2
556954.4056	4483868.16	2
556954.4056	4483872.179	2
556954.4056	4483876.199	2
556954.4056	4483884.238	2
556954.4056	4483888.258	3
556954.4056	4483892.277	4
556954.4056	4483896.297	4
556954.4056	4483900.317	3
556954.4056	4483904.336	3
556954.4056	4483908.356	2
556954.4056	4483912.375	2
556958.4127	4483478.258	28
556958.4127	4483482.278	42
556958.4127	4483486.298	19
556958.4127	4483490.317	29
556958.4127	4483494.337	28
556958.4127	4483498.356	22
556958.4127	4483502.376	19
556958.4127	4483506.396	41
556958.4127	4483510.415	40
556958.4127	4483514.435	34
556958.4127	4483518.454	32
556958.4127	4483522.474	25
556958.4127	4483526.494	23
556958.4127	4483530.513	26
556958.4127	4483534.533	28
556958.4127	4483538.552	31
556958.4127	4483542.572	32
556958.4127	4483546.592	31
556958.4127	4483550.611	30
556958.4127	4483554.631	26
556958.4127	4483558.65	21
556958.4127	4483562.67	17
556958.4127	4483566.69	14
556958.4127	4483570.709	12
556958.4127	4483574.729	8
556958.4127	4483578.749	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556958.4127	4483582.768	6
556958.4127	4483586.788	14
556958.4127	4483590.807	18
556958.4127	4483594.827	17
556958.4127	4483598.847	19
556958.4127	4483602.866	21
556958.4127	4483606.886	22
556958.4127	4483610.905	28
556958.4127	4483614.925	37
556958.4127	4483618.945	44
556958.4127	4483622.964	50
556958.4127	4483626.984	59
556958.4127	4483631.003	68
556958.4127	4483635.023	77
556958.4127	4483639.043	86
556958.4127	4483643.062	86
556958.4127	4483647.082	75
556958.4127	4483651.101	62
556958.4127	4483655.121	52
556958.4127	4483659.141	44
556958.4127	4483663.16	37
556958.4127	4483667.18	32
556958.4127	4483671.199	27
556958.4127	4483675.219	23
556958.4127	4483679.239	21
556958.4127	4483683.258	17
556958.4127	4483687.278	16
556958.4127	4483691.297	16
556958.4127	4483695.317	6
556958.4127	4483699.337	5
556958.4127	4483703.356	5
556958.4127	4483856.101	1
556958.4127	4483860.121	1
556958.4127	4483864.14	2
556958.4127	4483868.16	2
556958.4127	4483872.179	2
556958.4127	4483876.199	3
556958.4127	4483880.219	3
556958.4127	4483892.277	3

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556958.4127	4483896.297	2
556958.4127	4483900.317	2
556958.4127	4483904.336	2
556958.4127	4483908.356	2
556962.4198	4483474.239	22
556962.4198	4483478.258	46
556962.4198	4483482.278	54
556962.4198	4483486.298	41
556962.4198	4483490.317	38
556962.4198	4483494.337	29
556962.4198	4483498.356	28
556962.4198	4483502.376	41
556962.4198	4483506.396	39
556962.4198	4483510.415	39
556962.4198	4483514.435	34
556962.4198	4483518.454	31
556962.4198	4483522.474	25
556962.4198	4483526.494	23
556962.4198	4483530.513	24
556962.4198	4483534.533	27
556962.4198	4483538.552	31
556962.4198	4483542.572	31
556962.4198	4483546.592	30
556962.4198	4483550.611	28
556962.4198	4483554.631	25
556962.4198	4483558.65	22
556962.4198	4483562.67	19
556962.4198	4483566.69	17
556962.4198	4483570.709	13
556962.4198	4483574.729	11
556962.4198	4483578.749	10
556962.4198	4483582.768	18
556962.4198	4483586.788	15
556962.4198	4483590.807	16
556962.4198	4483594.827	16
556962.4198	4483598.847	17
556962.4198	4483602.866	19
556962.4198	4483606.886	19
556962.4198	4483610.905	25

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556962.4198	4483614.925	33
556962.4198	4483618.945	39
556962.4198	4483622.964	45
556962.4198	4483626.984	54
556962.4198	4483631.003	63
556962.4198	4483635.023	71
556962.4198	4483639.043	76
556962.4198	4483643.062	77
556962.4198	4483647.082	71
556962.4198	4483651.101	62
556962.4198	4483655.121	54
556962.4198	4483659.141	46
556962.4198	4483663.16	40
556962.4198	4483667.18	35
556962.4198	4483671.199	29
556962.4198	4483675.219	25
556962.4198	4483679.239	21
556962.4198	4483683.258	13
556962.4198	4483687.278	19
556962.4198	4483691.297	11
556962.4198	4483695.317	10
556962.4198	4483699.337	5
556962.4198	4483703.356	5
556962.4198	4483803.846	1
556962.4198	4483807.866	1
556962.4198	4483811.885	1
556962.4198	4483815.905	1
556962.4198	4483819.925	1
556962.4198	4483856.101	1
556962.4198	4483860.121	2
556962.4198	4483864.14	2
556962.4198	4483868.16	1
556962.4198	4483872.179	2
556962.4198	4483876.199	2
556962.4198	4483896.297	2
556962.4198	4483900.317	2
556962.4198	4483904.336	2
556966.4268	4483470.219	26
556966.4268	4483474.239	30

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556966.4268	4483478.258	54
556966.4268	4483482.278	45
556966.4268	4483486.298	49
556966.4268	4483490.317	39
556966.4268	4483494.337	38
556966.4268	4483498.356	30
556966.4268	4483502.376	37
556966.4268	4483506.396	34
556966.4268	4483510.415	33
556966.4268	4483514.435	33
556966.4268	4483518.454	29
556966.4268	4483522.474	23
556966.4268	4483526.494	20
556966.4268	4483530.513	18
556966.4268	4483534.533	23
556966.4268	4483538.552	32
556966.4268	4483542.572	29
556966.4268	4483546.592	28
556966.4268	4483550.611	26
556966.4268	4483554.631	24
556966.4268	4483558.65	22
556966.4268	4483562.67	20
556966.4268	4483566.69	16
556966.4268	4483570.709	14
556966.4268	4483574.729	12
556966.4268	4483578.749	17
556966.4268	4483582.768	19
556966.4268	4483586.788	16
556966.4268	4483590.807	14
556966.4268	4483594.827	15
556966.4268	4483598.847	13
556966.4268	4483602.866	17
556966.4268	4483606.886	18
556966.4268	4483610.905	22
556966.4268	4483614.925	25
556966.4268	4483618.945	30
556966.4268	4483622.964	36
556966.4268	4483626.984	46
556966.4268	4483631.003	58

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556966.4268	4483635.023	62
556966.4268	4483639.043	66
556966.4268	4483643.062	67
556966.4268	4483647.082	64
556966.4268	4483651.101	58
556966.4268	4483655.121	52
556966.4268	4483659.141	46
556966.4268	4483663.16	41
556966.4268	4483667.18	36
556966.4268	4483671.199	31
556966.4268	4483675.219	26
556966.4268	4483679.239	18
556966.4268	4483683.258	14
556966.4268	4483687.278	19
556966.4268	4483691.297	19
556966.4268	4483695.317	10
556966.4268	4483699.337	8
556966.4268	4483703.356	4
556966.4268	4483803.846	2
556966.4268	4483807.866	2
556966.4268	4483811.885	2
556966.4268	4483815.905	2
556966.4268	4483819.925	2
556966.4268	4483852.081	1
556966.4268	4483856.101	1
556966.4268	4483860.121	2
556966.4268	4483864.14	1
556966.4268	4483868.16	2
556966.4268	4483872.179	2
556970.4339	4483470.219	39
556970.4339	4483474.239	70
556970.4339	4483478.258	69
556970.4339	4483482.278	49
556970.4339	4483486.298	42
556970.4339	4483490.317	40
556970.4339	4483494.337	45
556970.4339	4483498.356	40
556970.4339	4483502.376	38
556970.4339	4483506.396	38

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556970.4339	4483510.415	35
556970.4339	4483514.435	31
556970.4339	4483518.454	29
556970.4339	4483522.474	23
556970.4339	4483526.494	17
556970.4339	4483530.513	11
556970.4339	4483534.533	7
556970.4339	4483538.552	18
556970.4339	4483542.572	23
556970.4339	4483546.592	24
556970.4339	4483550.611	24
556970.4339	4483554.631	23
556970.4339	4483558.65	23
556970.4339	4483562.67	19
556970.4339	4483566.69	19
556970.4339	4483570.709	15
556970.4339	4483574.729	13
556970.4339	4483578.749	17
556970.4339	4483582.768	16
556970.4339	4483586.788	16
556970.4339	4483590.807	14
556970.4339	4483594.827	18
556970.4339	4483598.847	14
556970.4339	4483602.866	13
556970.4339	4483606.886	17
556970.4339	4483610.905	18
556970.4339	4483614.925	19
556970.4339	4483618.945	21
556970.4339	4483622.964	23
556970.4339	4483626.984	30
556970.4339	4483631.003	49
556970.4339	4483635.023	54
556970.4339	4483639.043	55
556970.4339	4483643.062	56
556970.4339	4483647.082	55
556970.4339	4483651.101	52
556970.4339	4483655.121	48
556970.4339	4483659.141	45
556970.4339	4483663.16	41

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556970.4339	4483667.18	35
556970.4339	4483671.199	30
556970.4339	4483675.219	26
556970.4339	4483679.239	17
556970.4339	4483683.258	14
556970.4339	4483687.278	22
556970.4339	4483691.297	17
556970.4339	4483695.317	16
556970.4339	4483699.337	5
556970.4339	4483771.689	1
556970.4339	4483795.807	3
556970.4339	4483799.827	2
556970.4339	4483803.846	2
556970.4339	4483807.866	1
556970.4339	4483811.885	1
556970.4339	4483815.905	2
556970.4339	4483819.925	1
556970.4339	4483848.062	1
556970.4339	4483852.081	2
556970.4339	4483856.101	2
556970.4339	4483860.121	1
556970.4339	4483864.14	2
556970.4339	4483868.16	2
556970.4339	4483872.179	2
556974.441	4483466.2	45
556974.441	4483470.219	79
556974.441	4483474.239	77
556974.441	4483478.258	57
556974.441	4483482.278	55
556974.441	4483486.298	47
556974.441	4483490.317	45
556974.441	4483494.337	30
556974.441	4483498.356	35
556974.441	4483502.376	39
556974.441	4483506.396	37
556974.441	4483510.415	33
556974.441	4483514.435	32
556974.441	4483518.454	29
556974.441	4483522.474	25

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556974.441	4483526.494	19
556974.441	4483530.513	8
556974.441	4483534.533	1
556974.441	4483538.552	10
556974.441	4483542.572	17
556974.441	4483546.592	20
556974.441	4483550.611	20
556974.441	4483554.631	20
556974.441	4483558.65	21
556974.441	4483562.67	22
556974.441	4483566.69	21
556974.441	4483570.709	18
556974.441	4483574.729	15
556974.441	4483578.749	19
556974.441	4483582.768	16
556974.441	4483586.788	13
556974.441	4483590.807	17
556974.441	4483594.827	15
556974.441	4483598.847	11
556974.441	4483602.866	12
556974.441	4483606.886	12
556974.441	4483610.905	12
556974.441	4483614.925	12
556974.441	4483618.945	11
556974.441	4483622.964	10
556974.441	4483626.984	8
556974.441	4483631.003	16
556974.441	4483635.023	34
556974.441	4483639.043	42
556974.441	4483643.062	45
556974.441	4483647.082	46
556974.441	4483651.101	46
556974.441	4483655.121	43
556974.441	4483659.141	40
556974.441	4483663.16	38
556974.441	4483667.18	37
556974.441	4483671.199	37
556974.441	4483675.219	21
556974.441	4483679.239	17

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556974.441	4483683.258	23
556974.441	4483687.278	20
556974.441	4483691.297	17
556974.441	4483695.317	15
556974.441	4483767.67	2
556974.441	4483771.689	2
556974.441	4483775.709	1
556974.441	4483779.729	1
556974.441	4483791.787	3
556974.441	4483795.807	2
556974.441	4483799.827	2
556974.441	4483803.846	2
556974.441	4483807.866	1
556974.441	4483811.885	1
556974.441	4483815.905	1
556974.441	4483819.925	1
556974.441	4483848.062	2
556974.441	4483852.081	2
556974.441	4483856.101	2
556974.441	4483860.121	2
556974.441	4483864.14	2
556974.441	4483868.16	2
556978.4481	4483462.18	54
556978.4481	4483466.2	57
556978.4481	4483470.219	92
556978.4481	4483474.239	79
556978.4481	4483478.258	61
556978.4481	4483482.278	62
556978.4481	4483486.298	58
556978.4481	4483490.317	47
556978.4481	4483494.337	34
556978.4481	4483498.356	34
556978.4481	4483502.376	36
556978.4481	4483506.396	39
556978.4481	4483510.415	38
556978.4481	4483514.435	34
556978.4481	4483518.454	31
556978.4481	4483522.474	28
556978.4481	4483526.494	27

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556978.4481	4483530.513	24
556978.4481	4483534.533	11
556978.4481	4483538.552	12
556978.4481	4483542.572	16
556978.4481	4483546.592	19
556978.4481	4483550.611	20
556978.4481	4483554.631	20
556978.4481	4483558.65	21
556978.4481	4483562.67	23
556978.4481	4483566.69	23
556978.4481	4483570.709	22
556978.4481	4483574.729	19
556978.4481	4483578.749	20
556978.4481	4483582.768	17
556978.4481	4483586.788	17
556978.4481	4483590.807	15
556978.4481	4483594.827	14
556978.4481	4483598.847	12
556978.4481	4483602.866	9
556978.4481	4483606.886	8
556978.4481	4483610.905	7
556978.4481	4483614.925	6
556978.4481	4483618.945	4
556978.4481	4483622.964	2
556978.4481	4483631.003	8
556978.4481	4483635.023	21
556978.4481	4483639.043	30
556978.4481	4483643.062	35
556978.4481	4483647.082	38
556978.4481	4483651.101	39
556978.4481	4483655.121	38
556978.4481	4483659.141	37
556978.4481	4483663.16	35
556978.4481	4483667.18	36
556978.4481	4483671.199	29
556978.4481	4483675.219	25
556978.4481	4483679.239	16
556978.4481	4483683.258	20
556978.4481	4483687.278	17

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556978.4481	4483691.297	15
556978.4481	4483695.317	8
556978.4481	4483763.65	2
556978.4481	4483767.67	2
556978.4481	4483771.689	2
556978.4481	4483775.709	2
556978.4481	4483779.729	1
556978.4481	4483783.748	1
556978.4481	4483791.787	2
556978.4481	4483795.807	2
556978.4481	4483799.827	2
556978.4481	4483803.846	1
556978.4481	4483807.866	1
556978.4481	4483811.885	1
556982.4552	4483462.18	39
556982.4552	4483466.2	79
556982.4552	4483470.219	105
556982.4552	4483474.239	78
556982.4552	4483478.258	64
556982.4552	4483482.278	67
556982.4552	4483486.298	68
556982.4552	4483490.317	45
556982.4552	4483494.337	45
556982.4552	4483498.356	43
556982.4552	4483502.376	44
556982.4552	4483506.396	42
556982.4552	4483510.415	40
556982.4552	4483514.435	36
556982.4552	4483518.454	32
556982.4552	4483522.474	31
556982.4552	4483526.494	31
556982.4552	4483530.513	28
556982.4552	4483534.533	21
556982.4552	4483538.552	19
556982.4552	4483542.572	19
556982.4552	4483546.592	20
556982.4552	4483550.611	21
556982.4552	4483554.631	20
556982.4552	4483558.65	20

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556982.4552	4483562.67	21
556982.4552	4483566.69	28
556982.4552	4483570.709	23
556982.4552	4483574.729	21
556982.4552	4483578.749	25
556982.4552	4483582.768	20
556982.4552	4483586.788	17
556982.4552	4483590.807	15
556982.4552	4483594.827	12
556982.4552	4483598.847	12
556982.4552	4483602.866	9
556982.4552	4483606.886	6
556982.4552	4483610.905	4
556982.4552	4483614.925	3
556982.4552	4483618.945	1
556982.4552	4483626.984	1
556982.4552	4483631.003	6
556982.4552	4483635.023	14
556982.4552	4483639.043	21
556982.4552	4483643.062	27
556982.4552	4483647.082	31
556982.4552	4483651.101	34
556982.4552	4483655.121	34
556982.4552	4483659.141	32
556982.4552	4483663.16	32
556982.4552	4483667.18	27
556982.4552	4483671.199	24
556982.4552	4483675.219	21
556982.4552	4483679.239	28
556982.4552	4483683.258	17
556982.4552	4483687.278	15
556982.4552	4483691.297	18
556982.4552	4483759.631	2
556982.4552	4483763.65	2
556982.4552	4483767.67	3
556982.4552	4483771.689	3
556982.4552	4483775.709	3
556982.4552	4483779.729	3
556982.4552	4483783.748	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556982.4552	4483787.768	3
556982.4552	4483791.787	3
556982.4552	4483795.807	2
556982.4552	4483799.827	2
556982.4552	4483803.846	1
556982.4552	4483807.866	1
556982.4552	4483811.885	1
556986.4622	4483458.16	41
556986.4622	4483462.18	90
556986.4622	4483466.2	78
556986.4622	4483470.219	70
556986.4622	4483474.239	71
556986.4622	4483478.258	75
556986.4622	4483482.278	70
556986.4622	4483486.298	57
556986.4622	4483490.317	54
556986.4622	4483494.337	54
556986.4622	4483498.356	52
556986.4622	4483502.376	51
556986.4622	4483506.396	49
556986.4622	4483510.415	45
556986.4622	4483514.435	38
556986.4622	4483518.454	33
556986.4622	4483522.474	31
556986.4622	4483526.494	31
556986.4622	4483530.513	29
556986.4622	4483534.533	27
556986.4622	4483538.552	24
556986.4622	4483542.572	23
556986.4622	4483546.592	24
556986.4622	4483550.611	24
556986.4622	4483554.631	21
556986.4622	4483558.65	22
556986.4622	4483562.67	22
556986.4622	4483566.69	23
556986.4622	4483570.709	22
556986.4622	4483574.729	19
556986.4622	4483578.749	24
556986.4622	4483582.768	20

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556986.4622	4483586.788	16
556986.4622	4483590.807	13
556986.4622	4483594.827	14
556986.4622	4483598.847	10
556986.4622	4483602.866	6
556986.4622	4483606.886	4
556986.4622	4483610.905	2
556986.4622	4483614.925	1
556986.4622	4483626.984	1
556986.4622	4483631.003	5
556986.4622	4483635.023	10
556986.4622	4483639.043	16
556986.4622	4483643.062	21
556986.4622	4483647.082	25
556986.4622	4483651.101	28
556986.4622	4483655.121	26
556986.4622	4483659.141	30
556986.4622	4483663.16	42
556986.4622	4483667.18	24
556986.4622	4483671.199	23
556986.4622	4483675.219	19
556986.4622	4483679.239	15
556986.4622	4483683.258	21
556986.4622	4483687.278	19
556986.4622	4483755.611	2
556986.4622	4483759.631	3
556986.4622	4483763.65	3
556986.4622	4483767.67	4
556986.4622	4483771.689	4
556986.4622	4483775.709	4
556986.4622	4483779.729	4
556986.4622	4483783.748	2
556986.4622	4483787.768	2
556986.4622	4483791.787	1
556986.4622	4483795.807	1
556986.4622	4483807.866	1
556986.4622	4483844.042	1
556986.4622	4483848.062	1
556990.4693	4483454.141	31

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556990.4693	4483458.16	36
556990.4693	4483462.18	83
556990.4693	4483466.2	63
556990.4693	4483470.219	65
556990.4693	4483474.239	67
556990.4693	4483478.258	66
556990.4693	4483482.278	61
556990.4693	4483486.298	61
556990.4693	4483490.317	59
556990.4693	4483494.337	59
556990.4693	4483498.356	60
556990.4693	4483502.376	61
556990.4693	4483506.396	56
556990.4693	4483510.415	50
556990.4693	4483514.435	41
556990.4693	4483518.454	32
556990.4693	4483522.474	31
556990.4693	4483526.494	32
556990.4693	4483530.513	32
556990.4693	4483534.533	31
556990.4693	4483538.552	29
556990.4693	4483542.572	28
556990.4693	4483546.592	27
556990.4693	4483550.611	25
556990.4693	4483554.631	26
556990.4693	4483558.65	26
556990.4693	4483562.67	32
556990.4693	4483566.69	24
556990.4693	4483570.709	26
556990.4693	4483574.729	18
556990.4693	4483578.749	15
556990.4693	4483582.768	19
556990.4693	4483586.788	17
556990.4693	4483590.807	16
556990.4693	4483594.827	12
556990.4693	4483598.847	8
556990.4693	4483602.866	4
556990.4693	4483606.886	2
556990.4693	4483610.905	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556990.4693	4483626.984	2
556990.4693	4483631.003	5
556990.4693	4483635.023	10
556990.4693	4483639.043	12
556990.4693	4483643.062	17
556990.4693	4483647.082	21
556990.4693	4483651.101	22
556990.4693	4483655.121	21
556990.4693	4483659.141	35
556990.4693	4483663.16	26
556990.4693	4483667.18	28
556990.4693	4483671.199	20
556990.4693	4483675.219	18
556990.4693	4483679.239	13
556990.4693	4483683.258	18
556990.4693	4483751.591	3
556990.4693	4483755.611	3
556990.4693	4483759.631	4
556990.4693	4483763.65	4
556990.4693	4483767.67	5
556990.4693	4483771.689	5
556990.4693	4483775.709	6
556990.4693	4483779.729	4
556990.4693	4483783.748	4
556990.4693	4483787.768	4
556990.4693	4483791.787	3
556990.4693	4483795.807	2
556990.4693	4483799.827	1
556990.4693	4483803.846	1
556990.4693	4483836.003	1
556990.4693	4483840.023	2
556990.4693	4483844.042	2
556990.4693	4483848.062	2
556990.4693	4483852.081	1
556994.4764	4483450.121	14
556994.4764	4483454.141	29
556994.4764	4483458.16	64
556994.4764	4483462.18	68
556994.4764	4483466.2	55

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556994.4764	4483470.219	59
556994.4764	4483474.239	70
556994.4764	4483478.258	71
556994.4764	4483482.278	62
556994.4764	4483486.298	70
556994.4764	4483490.317	71
556994.4764	4483494.337	69
556994.4764	4483498.356	70
556994.4764	4483502.376	70
556994.4764	4483506.396	66
556994.4764	4483510.415	60
556994.4764	4483514.435	50
556994.4764	4483518.454	31
556994.4764	4483522.474	35
556994.4764	4483526.494	37
556994.4764	4483530.513	37
556994.4764	4483534.533	37
556994.4764	4483538.552	34
556994.4764	4483542.572	32
556994.4764	4483546.592	29
556994.4764	4483550.611	28
556994.4764	4483554.631	28
556994.4764	4483558.65	36
556994.4764	4483562.67	31
556994.4764	4483566.69	27
556994.4764	4483570.709	26
556994.4764	4483574.729	16
556994.4764	4483578.749	16
556994.4764	4483582.768	20
556994.4764	4483586.788	19
556994.4764	4483590.807	14
556994.4764	4483594.827	10
556994.4764	4483598.847	7
556994.4764	4483602.866	3
556994.4764	4483606.886	1
556994.4764	4483622.964	1
556994.4764	4483626.984	2
556994.4764	4483631.003	5
556994.4764	4483635.023	9

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556994.4764	4483639.043	13
556994.4764	4483643.062	17
556994.4764	4483647.082	18
556994.4764	4483651.101	22
556994.4764	4483655.121	29
556994.4764	4483659.141	20
556994.4764	4483663.16	23
556994.4764	4483667.18	24
556994.4764	4483671.199	25
556994.4764	4483675.219	14
556994.4764	4483679.239	12
556994.4764	4483683.258	21
556994.4764	4483747.572	3
556994.4764	4483751.591	2
556994.4764	4483755.611	2
556994.4764	4483759.631	5
556994.4764	4483763.65	6
556994.4764	4483767.67	7
556994.4764	4483771.689	7
556994.4764	4483775.709	6
556994.4764	4483779.729	6
556994.4764	4483783.748	6
556994.4764	4483787.768	6
556994.4764	4483791.787	5
556994.4764	4483795.807	4
556994.4764	4483799.827	3
556994.4764	4483803.846	1
556994.4764	4483831.983	1
556994.4764	4483836.003	1
556994.4764	4483840.023	1
556994.4764	4483844.042	2
556994.4764	4483848.062	2
556994.4764	4483852.081	1
556998.4835	4483450.121	14
556998.4835	4483454.141	24
556998.4835	4483458.16	62
556998.4835	4483462.18	44
556998.4835	4483466.2	43
556998.4835	4483470.219	49

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556998.4835	4483474.239	63
556998.4835	4483478.258	66
556998.4835	4483482.278	68
556998.4835	4483486.298	73
556998.4835	4483490.317	75
556998.4835	4483494.337	79
556998.4835	4483498.356	82
556998.4835	4483502.376	82
556998.4835	4483506.396	77
556998.4835	4483510.415	70
556998.4835	4483514.435	71
556998.4835	4483518.454	57
556998.4835	4483522.474	48
556998.4835	4483526.494	46
556998.4835	4483530.513	45
556998.4835	4483534.533	45
556998.4835	4483538.552	44
556998.4835	4483542.572	35
556998.4835	4483546.592	33
556998.4835	4483550.611	31
556998.4835	4483554.631	35
556998.4835	4483558.65	34
556998.4835	4483562.67	35
556998.4835	4483566.69	29
556998.4835	4483570.709	24
556998.4835	4483574.729	18
556998.4835	4483578.749	15
556998.4835	4483582.768	15
556998.4835	4483586.788	13
556998.4835	4483590.807	13
556998.4835	4483594.827	10
556998.4835	4483598.847	6
556998.4835	4483602.866	3
556998.4835	4483618.945	1
556998.4835	4483622.964	3
556998.4835	4483626.984	3
556998.4835	4483631.003	5
556998.4835	4483635.023	7
556998.4835	4483639.043	10

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
556998.4835	4483643.062	12
556998.4835	4483647.082	16
556998.4835	4483651.101	23
556998.4835	4483655.121	16
556998.4835	4483659.141	14
556998.4835	4483663.16	18
556998.4835	4483667.18	22
556998.4835	4483671.199	19
556998.4835	4483675.219	18
556998.4835	4483679.239	14
556998.4835	4483743.552	2
556998.4835	4483747.572	3
556998.4835	4483751.591	3
556998.4835	4483755.611	4
556998.4835	4483759.631	4
556998.4835	4483763.65	6
556998.4835	4483767.67	9
556998.4835	4483771.689	9
556998.4835	4483775.709	8
556998.4835	4483779.729	9
556998.4835	4483783.748	8
556998.4835	4483787.768	8
556998.4835	4483791.787	7
556998.4835	4483795.807	6
556998.4835	4483799.827	4
556998.4835	4483803.846	2
556998.4835	4483827.964	1
556998.4835	4483831.983	1
556998.4835	4483836.003	2
556998.4835	4483840.023	1
556998.4835	4483844.042	2
556998.4835	4483848.062	2
556998.4835	4483852.081	3
556998.4835	4483856.101	1
557002.4906	4483446.102	14
557002.4906	4483450.121	14
557002.4906	4483454.141	31
557002.4906	4483458.16	36
557002.4906	4483462.18	41

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557002.4906	4483466.2	39
557002.4906	4483470.219	44
557002.4906	4483474.239	55
557002.4906	4483478.258	65
557002.4906	4483482.278	68
557002.4906	4483486.298	76
557002.4906	4483490.317	79
557002.4906	4483494.337	85
557002.4906	4483498.356	92
557002.4906	4483502.376	94
557002.4906	4483506.396	92
557002.4906	4483510.415	79
557002.4906	4483514.435	68
557002.4906	4483518.454	71
557002.4906	4483522.474	62
557002.4906	4483526.494	56
557002.4906	4483530.513	51
557002.4906	4483534.533	48
557002.4906	4483538.552	45
557002.4906	4483542.572	41
557002.4906	4483546.592	30
557002.4906	4483550.611	30
557002.4906	4483554.631	34
557002.4906	4483558.65	32
557002.4906	4483562.67	34
557002.4906	4483566.69	27
557002.4906	4483570.709	20
557002.4906	4483574.729	20
557002.4906	4483578.749	20
557002.4906	4483582.768	16
557002.4906	4483586.788	16
557002.4906	4483590.807	15
557002.4906	4483594.827	12
557002.4906	4483598.847	8
557002.4906	4483602.866	3
557002.4906	4483614.925	1
557002.4906	4483618.945	3
557002.4906	4483622.964	5
557002.4906	4483626.984	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557002.4906	4483631.003	7
557002.4906	4483635.023	9
557002.4906	4483639.043	12
557002.4906	4483643.062	14
557002.4906	4483647.082	9
557002.4906	4483651.101	23
557002.4906	4483655.121	13
557002.4906	4483659.141	12
557002.4906	4483663.16	13
557002.4906	4483667.18	15
557002.4906	4483671.199	15
557002.4906	4483675.219	13
557002.4906	4483743.552	2
557002.4906	4483747.572	3
557002.4906	4483751.591	4
557002.4906	4483755.611	4
557002.4906	4483759.631	6
557002.4906	4483763.65	7
557002.4906	4483767.67	9
557002.4906	4483771.689	10
557002.4906	4483775.709	11
557002.4906	4483779.729	12
557002.4906	4483783.748	11
557002.4906	4483787.768	11
557002.4906	4483791.787	10
557002.4906	4483795.807	8
557002.4906	4483799.827	5
557002.4906	4483803.846	2
557002.4906	4483819.925	1
557002.4906	4483823.944	1
557002.4906	4483827.964	1
557002.4906	4483831.983	2
557002.4906	4483836.003	1
557002.4906	4483840.023	2
557002.4906	4483844.042	2
557002.4906	4483848.062	3
557002.4906	4483852.081	3
557002.4906	4483856.101	1
557006.4977	4483446.102	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557006.4977	4483450.121	16
557006.4977	4483454.141	29
557006.4977	4483458.16	34
557006.4977	4483462.18	36
557006.4977	4483466.2	37
557006.4977	4483470.219	42
557006.4977	4483474.239	51
557006.4977	4483478.258	56
557006.4977	4483482.278	68
557006.4977	4483486.298	76
557006.4977	4483490.317	83
557006.4977	4483494.337	91
557006.4977	4483498.356	101
557006.4977	4483502.376	108
557006.4977	4483506.396	111
557006.4977	4483510.415	109
557006.4977	4483514.435	89
557006.4977	4483518.454	80
557006.4977	4483522.474	72
557006.4977	4483526.494	65
557006.4977	4483530.513	59
557006.4977	4483534.533	53
557006.4977	4483538.552	47
557006.4977	4483542.572	43
557006.4977	4483546.592	39
557006.4977	4483550.611	32
557006.4977	4483554.631	32
557006.4977	4483558.65	35
557006.4977	4483562.67	33
557006.4977	4483566.69	21
557006.4977	4483570.709	20
557006.4977	4483574.729	22
557006.4977	4483578.749	20
557006.4977	4483582.768	20
557006.4977	4483586.788	20
557006.4977	4483590.807	19
557006.4977	4483594.827	17
557006.4977	4483598.847	13
557006.4977	4483602.866	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557006.4977	4483606.886	2
557006.4977	4483610.905	3
557006.4977	4483614.925	4
557006.4977	4483618.945	6
557006.4977	4483622.964	8
557006.4977	4483626.984	10
557006.4977	4483631.003	15
557006.4977	4483635.023	17
557006.4977	4483639.043	19
557006.4977	4483643.062	23
557006.4977	4483647.082	11
557006.4977	4483651.101	7
557006.4977	4483655.121	7
557006.4977	4483659.141	12
557006.4977	4483663.16	13
557006.4977	4483667.18	10
557006.4977	4483671.199	10
557006.4977	4483679.239	4
557006.4977	4483683.258	3
557006.4977	4483739.533	2
557006.4977	4483743.552	3
557006.4977	4483747.572	4
557006.4977	4483751.591	5
557006.4977	4483755.611	5
557006.4977	4483759.631	7
557006.4977	4483763.65	9
557006.4977	4483767.67	10
557006.4977	4483771.689	12
557006.4977	4483775.709	14
557006.4977	4483779.729	14
557006.4977	4483783.748	14
557006.4977	4483787.768	14
557006.4977	4483791.787	13
557006.4977	4483795.807	11
557006.4977	4483799.827	6
557006.4977	4483803.846	2
557006.4977	4483815.905	1
557006.4977	4483819.925	2
557006.4977	4483823.944	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557006.4977	4483827.964	3
557006.4977	4483831.983	2
557006.4977	4483836.003	2
557006.4977	4483840.023	2
557006.4977	4483844.042	2
557006.4977	4483848.062	3
557006.4977	4483852.081	3
557006.4977	4483856.101	1
557010.5047	4483450.121	2
557010.5047	4483454.141	51
557010.5047	4483458.16	35
557010.5047	4483462.18	42
557010.5047	4483466.2	32
557010.5047	4483470.219	38
557010.5047	4483474.239	46
557010.5047	4483478.258	51
557010.5047	4483482.278	60
557010.5047	4483486.298	70
557010.5047	4483490.317	80
557010.5047	4483494.337	93
557010.5047	4483498.356	107
557010.5047	4483502.376	118
557010.5047	4483506.396	124
557010.5047	4483510.415	118
557010.5047	4483514.435	103
557010.5047	4483518.454	90
557010.5047	4483522.474	79
557010.5047	4483526.494	71
557010.5047	4483530.513	61
557010.5047	4483534.533	51
557010.5047	4483538.552	44
557010.5047	4483542.572	38
557010.5047	4483546.592	34
557010.5047	4483550.611	34
557010.5047	4483554.631	32
557010.5047	4483558.65	31
557010.5047	4483562.67	19
557010.5047	4483566.69	20
557010.5047	4483570.709	20

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557010.5047	4483574.729	23
557010.5047	4483578.749	22
557010.5047	4483582.768	23
557010.5047	4483586.788	24
557010.5047	4483590.807	24
557010.5047	4483594.827	24
557010.5047	4483598.847	21
557010.5047	4483602.866	15
557010.5047	4483606.886	10
557010.5047	4483610.905	8
557010.5047	4483614.925	8
557010.5047	4483618.945	10
557010.5047	4483622.964	11
557010.5047	4483626.984	14
557010.5047	4483631.003	18
557010.5047	4483635.023	20
557010.5047	4483639.043	22
557010.5047	4483643.062	10
557010.5047	4483647.082	6
557010.5047	4483651.101	6
557010.5047	4483655.121	7
557010.5047	4483659.141	2
557010.5047	4483663.16	10
557010.5047	4483667.18	9
557010.5047	4483671.199	1
557010.5047	4483679.239	5
557010.5047	4483683.258	4
557010.5047	4483687.278	4
557010.5047	4483739.533	2
557010.5047	4483743.552	3
557010.5047	4483747.572	4
557010.5047	4483751.591	5
557010.5047	4483755.611	5
557010.5047	4483759.631	8
557010.5047	4483763.65	10
557010.5047	4483767.67	12
557010.5047	4483771.689	14
557010.5047	4483775.709	15
557010.5047	4483779.729	16

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557010.5047	4483783.748	18
557010.5047	4483787.768	18
557010.5047	4483791.787	18
557010.5047	4483795.807	15
557010.5047	4483799.827	10
557010.5047	4483803.846	3
557010.5047	4483807.866	1
557010.5047	4483811.885	2
557010.5047	4483815.905	3
557010.5047	4483819.925	3
557010.5047	4483823.944	2
557010.5047	4483827.964	1
557010.5047	4483836.003	3
557010.5047	4483840.023	3
557010.5047	4483844.042	2
557010.5047	4483848.062	3
557010.5047	4483852.081	3
557010.5047	4483856.101	1
557014.5118	4483450.121	49
557014.5118	4483454.141	47
557014.5118	4483458.16	36
557014.5118	4483462.18	38
557014.5118	4483466.2	36
557014.5118	4483470.219	37
557014.5118	4483474.239	43
557014.5118	4483478.258	45
557014.5118	4483482.278	53
557014.5118	4483486.298	63
557014.5118	4483490.317	74
557014.5118	4483494.337	89
557014.5118	4483498.356	108
557014.5118	4483502.376	124
557014.5118	4483506.396	125
557014.5118	4483510.415	117
557014.5118	4483514.435	106
557014.5118	4483518.454	93
557014.5118	4483522.474	83
557014.5118	4483526.494	75
557014.5118	4483530.513	61

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557014.5118	4483534.533	54
557014.5118	4483538.552	47
557014.5118	4483542.572	39
557014.5118	4483546.592	31
557014.5118	4483550.611	32
557014.5118	4483554.631	33
557014.5118	4483558.65	35
557014.5118	4483562.67	19
557014.5118	4483566.69	20
557014.5118	4483570.709	21
557014.5118	4483574.729	22
557014.5118	4483578.749	24
557014.5118	4483582.768	25
557014.5118	4483586.788	27
557014.5118	4483590.807	28
557014.5118	4483594.827	29
557014.5118	4483598.847	31
557014.5118	4483602.866	25
557014.5118	4483606.886	18
557014.5118	4483610.905	14
557014.5118	4483614.925	13
557014.5118	4483618.945	13
557014.5118	4483622.964	15
557014.5118	4483626.984	16
557014.5118	4483631.003	19
557014.5118	4483635.023	21
557014.5118	4483639.043	10
557014.5118	4483643.062	6
557014.5118	4483647.082	6
557014.5118	4483651.101	6
557014.5118	4483659.141	1
557014.5118	4483663.16	1
557014.5118	4483667.18	1
557014.5118	4483675.219	6
557014.5118	4483679.239	4
557014.5118	4483683.258	3
557014.5118	4483687.278	3
557014.5118	4483735.513	2
557014.5118	4483739.533	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557014.5118	4483743.552	3
557014.5118	4483747.572	3
557014.5118	4483751.591	4
557014.5118	4483755.611	5
557014.5118	4483759.631	7
557014.5118	4483763.65	10
557014.5118	4483767.67	12
557014.5118	4483771.689	14
557014.5118	4483775.709	17
557014.5118	4483779.729	19
557014.5118	4483783.748	21
557014.5118	4483787.768	22
557014.5118	4483791.787	22
557014.5118	4483795.807	22
557014.5118	4483799.827	17
557014.5118	4483803.846	10
557014.5118	4483807.866	7
557014.5118	4483811.885	6
557014.5118	4483815.905	5
557014.5118	4483819.925	5
557014.5118	4483823.944	4
557014.5118	4483827.964	3
557014.5118	4483831.983	1
557014.5118	4483836.003	4
557014.5118	4483840.023	3
557014.5118	4483844.042	4
557014.5118	4483848.062	3
557014.5118	4483852.081	3
557018.5189	4483434.043	7
557018.5189	4483438.062	7
557018.5189	4483442.082	3
557018.5189	4483446.102	51
557018.5189	4483450.121	49
557018.5189	4483454.141	47
557018.5189	4483458.16	35
557018.5189	4483462.18	30
557018.5189	4483466.2	39
557018.5189	4483470.219	40
557018.5189	4483474.239	42

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557018.5189	4483478.258	43
557018.5189	4483482.278	46
557018.5189	4483486.298	53
557018.5189	4483490.317	63
557018.5189	4483494.337	78
557018.5189	4483498.356	96
557018.5189	4483502.376	125
557018.5189	4483506.396	117
557018.5189	4483510.415	110
557018.5189	4483514.435	102
557018.5189	4483518.454	92
557018.5189	4483522.474	85
557018.5189	4483526.494	74
557018.5189	4483530.513	62
557018.5189	4483534.533	55
557018.5189	4483538.552	48
557018.5189	4483542.572	37
557018.5189	4483546.592	32
557018.5189	4483550.611	28
557018.5189	4483554.631	27
557018.5189	4483558.65	25
557018.5189	4483562.67	25
557018.5189	4483566.69	24
557018.5189	4483570.709	23
557018.5189	4483574.729	23
557018.5189	4483578.749	25
557018.5189	4483582.768	27
557018.5189	4483586.788	29
557018.5189	4483590.807	30
557018.5189	4483594.827	32
557018.5189	4483598.847	32
557018.5189	4483602.866	28
557018.5189	4483606.886	22
557018.5189	4483610.905	18
557018.5189	4483614.925	17
557018.5189	4483618.945	17
557018.5189	4483622.964	17
557018.5189	4483626.984	17
557018.5189	4483631.003	19

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557018.5189	4483635.023	11
557018.5189	4483639.043	11
557018.5189	4483643.062	6
557018.5189	4483647.082	6
557018.5189	4483663.16	1
557018.5189	4483671.199	6
557018.5189	4483675.219	6
557018.5189	4483679.239	3
557018.5189	4483683.258	2
557018.5189	4483687.278	2
557018.5189	4483739.533	2
557018.5189	4483743.552	3
557018.5189	4483747.572	3
557018.5189	4483751.591	4
557018.5189	4483755.611	6
557018.5189	4483759.631	7
557018.5189	4483763.65	10
557018.5189	4483767.67	12
557018.5189	4483771.689	15
557018.5189	4483775.709	18
557018.5189	4483779.729	21
557018.5189	4483783.748	23
557018.5189	4483787.768	26
557018.5189	4483791.787	27
557018.5189	4483795.807	28
557018.5189	4483799.827	30
557018.5189	4483803.846	20
557018.5189	4483807.866	14
557018.5189	4483811.885	11
557018.5189	4483815.905	9
557018.5189	4483819.925	7
557018.5189	4483823.944	5
557018.5189	4483827.964	4
557018.5189	4483831.983	2
557018.5189	4483836.003	1
557018.5189	4483840.023	4
557018.5189	4483844.042	4
557018.5189	4483848.062	3
557018.5189	4483852.081	3

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557022.526	4483430.023	6
557022.526	4483434.043	7
557022.526	4483438.062	7
557022.526	4483442.082	14
557022.526	4483446.102	51
557022.526	4483450.121	45
557022.526	4483454.141	42
557022.526	4483458.16	37
557022.526	4483462.18	30
557022.526	4483466.2	29
557022.526	4483470.219	28
557022.526	4483474.239	31
557022.526	4483478.258	32
557022.526	4483482.278	33
557022.526	4483486.298	38
557022.526	4483490.317	47
557022.526	4483494.337	60
557022.526	4483498.356	67
557022.526	4483502.376	87
557022.526	4483506.396	97
557022.526	4483510.415	97
557022.526	4483514.435	93
557022.526	4483518.454	83
557022.526	4483522.474	75
557022.526	4483526.494	72
557022.526	4483530.513	63
557022.526	4483534.533	55
557022.526	4483538.552	43
557022.526	4483542.572	36
557022.526	4483546.592	30
557022.526	4483550.611	27
557022.526	4483554.631	25
557022.526	4483558.65	22
557022.526	4483562.67	22
557022.526	4483566.69	23
557022.526	4483570.709	21
557022.526	4483574.729	23
557022.526	4483578.749	26
557022.526	4483582.768	29

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557022.526	4483586.788	30
557022.526	4483590.807	31
557022.526	4483594.827	32
557022.526	4483598.847	31
557022.526	4483602.866	28
557022.526	4483606.886	24
557022.526	4483610.905	21
557022.526	4483614.925	22
557022.526	4483618.945	22
557022.526	4483622.964	21
557022.526	4483626.984	21
557022.526	4483631.003	22
557022.526	4483635.023	13
557022.526	4483639.043	11
557022.526	4483643.062	7
557022.526	4483647.082	6
557022.526	4483671.199	6
557022.526	4483675.219	6
557022.526	4483679.239	3
557022.526	4483683.258	2
557022.526	4483687.278	1
557022.526	4483743.552	3
557022.526	4483747.572	3
557022.526	4483751.591	4
557022.526	4483755.611	5
557022.526	4483759.631	7
557022.526	4483763.65	10
557022.526	4483767.67	12
557022.526	4483771.689	15
557022.526	4483775.709	18
557022.526	4483779.729	22
557022.526	4483783.748	25
557022.526	4483787.768	28
557022.526	4483791.787	30
557022.526	4483795.807	30
557022.526	4483799.827	29
557022.526	4483803.846	24
557022.526	4483807.866	18
557022.526	4483811.885	14

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557022.526	4483815.905	11
557022.526	4483819.925	9
557022.526	4483823.944	7
557022.526	4483827.964	5
557022.526	4483831.983	4
557022.526	4483836.003	2
557022.526	4483840.023	4
557022.526	4483844.042	3
557022.526	4483848.062	3
557022.526	4483852.081	3
557026.5331	4483430.023	7
557026.5331	4483434.043	7
557026.5331	4483438.062	15
557026.5331	4483442.082	37
557026.5331	4483446.102	42
557026.5331	4483450.121	46
557026.5331	4483454.141	39
557026.5331	4483458.16	34
557026.5331	4483462.18	29
557026.5331	4483466.2	27
557026.5331	4483470.219	24
557026.5331	4483474.239	26
557026.5331	4483478.258	23
557026.5331	4483482.278	22
557026.5331	4483486.298	23
557026.5331	4483490.317	26
557026.5331	4483494.337	39
557026.5331	4483498.356	56
557026.5331	4483502.376	66
557026.5331	4483506.396	77
557026.5331	4483510.415	81
557026.5331	4483514.435	82
557026.5331	4483518.454	77
557026.5331	4483522.474	66
557026.5331	4483526.494	60
557026.5331	4483530.513	54
557026.5331	4483534.533	52
557026.5331	4483538.552	45
557026.5331	4483542.572	35

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557026.5331	4483546.592	28
557026.5331	4483550.611	25
557026.5331	4483554.631	24
557026.5331	4483558.65	21
557026.5331	4483562.67	22
557026.5331	4483566.69	17
557026.5331	4483570.709	20
557026.5331	4483574.729	23
557026.5331	4483578.749	26
557026.5331	4483582.768	29
557026.5331	4483586.788	31
557026.5331	4483590.807	32
557026.5331	4483594.827	31
557026.5331	4483598.847	30
557026.5331	4483602.866	28
557026.5331	4483606.886	25
557026.5331	4483610.905	22
557026.5331	4483614.925	19
557026.5331	4483618.945	16
557026.5331	4483622.964	17
557026.5331	4483626.984	16
557026.5331	4483631.003	15
557026.5331	4483635.023	14
557026.5331	4483639.043	14
557026.5331	4483643.062	13
557026.5331	4483647.082	7
557026.5331	4483651.101	3
557026.5331	4483667.18	16
557026.5331	4483671.199	13
557026.5331	4483675.219	12
557026.5331	4483679.239	3
557026.5331	4483683.258	1
557026.5331	4483687.278	1
557026.5331	4483739.533	2
557026.5331	4483743.552	3
557026.5331	4483747.572	4
557026.5331	4483751.591	3
557026.5331	4483755.611	5
557026.5331	4483759.631	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557026.5331	4483763.65	9
557026.5331	4483767.67	11
557026.5331	4483771.689	13
557026.5331	4483775.709	17
557026.5331	4483779.729	21
557026.5331	4483783.748	26
557026.5331	4483787.768	29
557026.5331	4483791.787	31
557026.5331	4483795.807	30
557026.5331	4483799.827	28
557026.5331	4483803.846	25
557026.5331	4483807.866	20
557026.5331	4483811.885	17
557026.5331	4483815.905	14
557026.5331	4483819.925	10
557026.5331	4483823.944	8
557026.5331	4483827.964	6
557026.5331	4483831.983	4
557026.5331	4483836.003	3
557026.5331	4483840.023	5
557026.5331	4483844.042	4
557026.5331	4483848.062	1
557026.5331	4483852.081	1
557030.5401	4483426.004	15
557030.5401	4483430.023	9
557030.5401	4483434.043	16
557030.5401	4483438.062	16
557030.5401	4483442.082	34
557030.5401	4483446.102	38
557030.5401	4483450.121	45
557030.5401	4483454.141	41
557030.5401	4483458.16	27
557030.5401	4483462.18	24
557030.5401	4483466.2	21
557030.5401	4483470.219	17
557030.5401	4483474.239	18
557030.5401	4483478.258	15
557030.5401	4483482.278	12
557030.5401	4483486.298	9

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557030.5401	4483490.317	5
557030.5401	4483494.337	10
557030.5401	4483498.356	34
557030.5401	4483502.376	49
557030.5401	4483506.396	60
557030.5401	4483510.415	65
557030.5401	4483514.435	70
557030.5401	4483518.454	61
557030.5401	4483522.474	59
557030.5401	4483526.494	55
557030.5401	4483530.513	50
557030.5401	4483534.533	44
557030.5401	4483538.552	45
557030.5401	4483542.572	37
557030.5401	4483546.592	31
557030.5401	4483550.611	27
557030.5401	4483554.631	24
557030.5401	4483558.65	20
557030.5401	4483562.67	13
557030.5401	4483566.69	15
557030.5401	4483570.709	18
557030.5401	4483574.729	22
557030.5401	4483578.749	25
557030.5401	4483582.768	29
557030.5401	4483586.788	31
557030.5401	4483590.807	31
557030.5401	4483594.827	30
557030.5401	4483598.847	29
557030.5401	4483602.866	27
557030.5401	4483606.886	25
557030.5401	4483610.905	22
557030.5401	4483614.925	19
557030.5401	4483618.945	17
557030.5401	4483622.964	17
557030.5401	4483626.984	18
557030.5401	4483631.003	16
557030.5401	4483635.023	16
557030.5401	4483639.043	15
557030.5401	4483643.062	14

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557030.5401	4483647.082	11
557030.5401	4483651.101	6
557030.5401	4483663.16	13
557030.5401	4483667.18	12
557030.5401	4483671.199	9
557030.5401	4483675.219	11
557030.5401	4483679.239	2
557030.5401	4483683.258	1
557030.5401	4483735.513	2
557030.5401	4483739.533	2
557030.5401	4483743.552	3
557030.5401	4483747.572	3
557030.5401	4483751.591	2
557030.5401	4483755.611	4
557030.5401	4483759.631	6
557030.5401	4483763.65	7
557030.5401	4483767.67	9
557030.5401	4483771.689	11
557030.5401	4483775.709	14
557030.5401	4483779.729	19
557030.5401	4483783.748	26
557030.5401	4483787.768	31
557030.5401	4483791.787	30
557030.5401	4483795.807	29
557030.5401	4483799.827	27
557030.5401	4483803.846	24
557030.5401	4483807.866	21
557030.5401	4483811.885	18
557030.5401	4483815.905	14
557030.5401	4483819.925	11
557030.5401	4483823.944	9
557030.5401	4483827.964	7
557030.5401	4483831.983	5
557030.5401	4483836.003	3
557030.5401	4483840.023	5
557030.5401	4483844.042	3
557030.5401	4483848.062	2
557030.5401	4483852.081	1
557030.5401	4483856.101	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557034.5472	4483421.984	14
557034.5472	4483426.004	18
557034.5472	4483430.023	16
557034.5472	4483434.043	18
557034.5472	4483438.062	17
557034.5472	4483442.082	33
557034.5472	4483446.102	37
557034.5472	4483450.121	44
557034.5472	4483454.141	32
557034.5472	4483458.16	27
557034.5472	4483462.18	22
557034.5472	4483466.2	17
557034.5472	4483470.219	13
557034.5472	4483474.239	12
557034.5472	4483478.258	8
557034.5472	4483482.278	5
557034.5472	4483486.298	2
557034.5472	4483494.337	6
557034.5472	4483498.356	21
557034.5472	4483502.376	36
557034.5472	4483506.396	47
557034.5472	4483510.415	53
557034.5472	4483514.435	57
557034.5472	4483518.454	57
557034.5472	4483522.474	55
557034.5472	4483526.494	52
557034.5472	4483530.513	53
557034.5472	4483534.533	45
557034.5472	4483538.552	39
557034.5472	4483542.572	37
557034.5472	4483546.592	39
557034.5472	4483550.611	32
557034.5472	4483554.631	23
557034.5472	4483558.65	21
557034.5472	4483562.67	11
557034.5472	4483566.69	13
557034.5472	4483570.709	16
557034.5472	4483574.729	19
557034.5472	4483578.749	23

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557034.5472	4483582.768	26
557034.5472	4483586.788	29
557034.5472	4483590.807	29
557034.5472	4483594.827	28
557034.5472	4483598.847	27
557034.5472	4483602.866	26
557034.5472	4483606.886	24
557034.5472	4483610.905	22
557034.5472	4483614.925	20
557034.5472	4483618.945	17
557034.5472	4483622.964	15
557034.5472	4483626.984	19
557034.5472	4483631.003	17
557034.5472	4483635.023	17
557034.5472	4483639.043	16
557034.5472	4483643.062	14
557034.5472	4483647.082	12
557034.5472	4483651.101	11
557034.5472	4483655.121	6
557034.5472	4483659.141	12
557034.5472	4483663.16	13
557034.5472	4483667.18	12
557034.5472	4483671.199	7
557034.5472	4483675.219	7
557034.5472	4483679.239	2
557034.5472	4483683.258	1
557034.5472	4483735.513	2
557034.5472	4483739.533	3
557034.5472	4483743.552	3
557034.5472	4483747.572	3
557034.5472	4483751.591	2
557034.5472	4483755.611	2
557034.5472	4483759.631	4
557034.5472	4483763.65	5
557034.5472	4483767.67	7
557034.5472	4483771.689	8
557034.5472	4483775.709	9
557034.5472	4483779.729	12
557034.5472	4483783.748	20

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557034.5472	4483787.768	29
557034.5472	4483791.787	27
557034.5472	4483795.807	26
557034.5472	4483799.827	24
557034.5472	4483803.846	22
557034.5472	4483807.866	20
557034.5472	4483811.885	17
557034.5472	4483815.905	14
557034.5472	4483819.925	12
557034.5472	4483823.944	10
557034.5472	4483827.964	7
557034.5472	4483831.983	5
557034.5472	4483836.003	4
557034.5472	4483840.023	5
557034.5472	4483844.042	3
557034.5472	4483848.062	2
557034.5472	4483852.081	2
557038.5543	4483421.984	22
557038.5543	4483426.004	23
557038.5543	4483430.023	37
557038.5543	4483434.043	27
557038.5543	4483438.062	27
557038.5543	4483442.082	26
557038.5543	4483446.102	31
557038.5543	4483450.121	32
557038.5543	4483454.141	23
557038.5543	4483458.16	20
557038.5543	4483462.18	18
557038.5543	4483466.2	16
557038.5543	4483470.219	9
557038.5543	4483474.239	7
557038.5543	4483478.258	4
557038.5543	4483482.278	1
557038.5543	4483490.317	1
557038.5543	4483494.337	6
557038.5543	4483498.356	17
557038.5543	4483502.376	29
557038.5543	4483506.396	35
557038.5543	4483510.415	42

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557038.5543	4483514.435	48
557038.5543	4483518.454	48
557038.5543	4483522.474	50
557038.5543	4483526.494	48
557038.5543	4483530.513	46
557038.5543	4483534.533	42
557038.5543	4483538.552	34
557038.5543	4483542.572	29
557038.5543	4483546.592	28
557038.5543	4483550.611	28
557038.5543	4483554.631	22
557038.5543	4483558.65	12
557038.5543	4483562.67	11
557038.5543	4483566.69	13
557038.5543	4483570.709	13
557038.5543	4483574.729	16
557038.5543	4483578.749	19
557038.5543	4483582.768	23
557038.5543	4483586.788	25
557038.5543	4483590.807	26
557038.5543	4483594.827	26
557038.5543	4483598.847	25
557038.5543	4483602.866	24
557038.5543	4483606.886	23
557038.5543	4483610.905	21
557038.5543	4483614.925	20
557038.5543	4483618.945	18
557038.5543	4483622.964	15
557038.5543	4483626.984	32
557038.5543	4483631.003	19
557038.5543	4483635.023	18
557038.5543	4483639.043	17
557038.5543	4483643.062	15
557038.5543	4483647.082	13
557038.5543	4483651.101	8
557038.5543	4483655.121	10
557038.5543	4483659.141	16
557038.5543	4483663.16	15
557038.5543	4483667.18	11

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557038.5543	4483671.199	7
557038.5543	4483675.219	6
557038.5543	4483679.239	2
557038.5543	4483683.258	1
557038.5543	4483731.493	3
557038.5543	4483735.513	3
557038.5543	4483739.533	3
557038.5543	4483743.552	3
557038.5543	4483747.572	3
557038.5543	4483751.591	4
557038.5543	4483755.611	2
557038.5543	4483759.631	3
557038.5543	4483763.65	3
557038.5543	4483767.67	4
557038.5543	4483771.689	4
557038.5543	4483775.709	4
557038.5543	4483779.729	3
557038.5543	4483787.768	15
557038.5543	4483791.787	20
557038.5543	4483795.807	21
557038.5543	4483799.827	21
557038.5543	4483803.846	20
557038.5543	4483807.866	18
557038.5543	4483811.885	15
557038.5543	4483815.905	14
557038.5543	4483819.925	13
557038.5543	4483823.944	10
557038.5543	4483827.964	7
557038.5543	4483831.983	5
557038.5543	4483836.003	4
557038.5543	4483840.023	4
557038.5543	4483844.042	3
557038.5543	4483848.062	2
557038.5543	4483852.081	2
557042.5614	4483417.964	18
557042.5614	4483421.984	20
557042.5614	4483426.004	46
557042.5614	4483430.023	32
557042.5614	4483434.043	30

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557042.5614	4483438.062	29
557042.5614	4483442.082	35
557042.5614	4483446.102	32
557042.5614	4483450.121	29
557042.5614	4483454.141	20
557042.5614	4483458.16	18
557042.5614	4483462.18	18
557042.5614	4483466.2	15
557042.5614	4483470.219	9
557042.5614	4483474.239	5
557042.5614	4483478.258	2
557042.5614	4483490.317	2
557042.5614	4483494.337	7
557042.5614	4483498.356	15
557042.5614	4483502.376	25
557042.5614	4483506.396	28
557042.5614	4483510.415	31
557042.5614	4483514.435	36
557042.5614	4483518.454	41
557042.5614	4483522.474	42
557042.5614	4483526.494	40
557042.5614	4483530.513	38
557042.5614	4483534.533	35
557042.5614	4483538.552	31
557042.5614	4483542.572	29
557042.5614	4483546.592	22
557042.5614	4483550.611	19
557042.5614	4483554.631	9
557042.5614	4483558.65	8
557042.5614	4483562.67	9
557042.5614	4483566.69	9
557042.5614	4483570.709	11
557042.5614	4483574.729	12
557042.5614	4483578.749	16
557042.5614	4483582.768	18
557042.5614	4483586.788	21
557042.5614	4483590.807	22
557042.5614	4483594.827	23
557042.5614	4483598.847	23

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557042.5614	4483602.866	22
557042.5614	4483606.886	21
557042.5614	4483610.905	20
557042.5614	4483614.925	19
557042.5614	4483618.945	19
557042.5614	4483622.964	31
557042.5614	4483626.984	40
557042.5614	4483631.003	33
557042.5614	4483635.023	19
557042.5614	4483639.043	17
557042.5614	4483643.062	16
557042.5614	4483647.082	15
557042.5614	4483651.101	13
557042.5614	4483655.121	24
557042.5614	4483659.141	22
557042.5614	4483663.16	22
557042.5614	4483667.18	14
557042.5614	4483671.199	6
557042.5614	4483675.219	4
557042.5614	4483679.239	2
557042.5614	4483731.493	3
557042.5614	4483735.513	3
557042.5614	4483739.533	3
557042.5614	4483743.552	3
557042.5614	4483747.572	3
557042.5614	4483751.591	3
557042.5614	4483755.611	1
557042.5614	4483759.631	2
557042.5614	4483763.65	3
557042.5614	4483767.67	3
557042.5614	4483771.689	2
557042.5614	4483775.709	1
557042.5614	4483783.748	1
557042.5614	4483787.768	8
557042.5614	4483791.787	13
557042.5614	4483795.807	16
557042.5614	4483799.827	17
557042.5614	4483803.846	17
557042.5614	4483807.866	15

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557042.5614	4483811.885	14
557042.5614	4483815.905	13
557042.5614	4483819.925	10
557042.5614	4483823.944	10
557042.5614	4483827.964	7
557042.5614	4483831.983	5
557042.5614	4483836.003	5
557042.5614	4483840.023	4
557042.5614	4483844.042	3
557042.5614	4483848.062	2
557046.5685	4483413.945	25
557046.5685	4483417.964	16
557046.5685	4483421.984	18
557046.5685	4483426.004	22
557046.5685	4483430.023	28
557046.5685	4483434.043	32
557046.5685	4483438.062	31
557046.5685	4483442.082	31
557046.5685	4483446.102	30
557046.5685	4483450.121	28
557046.5685	4483454.141	17
557046.5685	4483458.16	16
557046.5685	4483462.18	17
557046.5685	4483466.2	15
557046.5685	4483470.219	10
557046.5685	4483474.239	4
557046.5685	4483478.258	1
557046.5685	4483486.298	1
557046.5685	4483490.317	3
557046.5685	4483494.337	7
557046.5685	4483498.356	13
557046.5685	4483502.376	22
557046.5685	4483506.396	25
557046.5685	4483510.415	27
557046.5685	4483514.435	28
557046.5685	4483518.454	31
557046.5685	4483522.474	39
557046.5685	4483526.494	38
557046.5685	4483530.513	31

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557046.5685	4483534.533	29
557046.5685	4483538.552	26
557046.5685	4483542.572	23
557046.5685	4483546.592	20
557046.5685	4483550.611	18
557046.5685	4483554.631	6
557046.5685	4483558.65	5
557046.5685	4483562.67	4
557046.5685	4483566.69	5
557046.5685	4483570.709	6
557046.5685	4483574.729	10
557046.5685	4483578.749	12
557046.5685	4483582.768	15
557046.5685	4483586.788	17
557046.5685	4483590.807	19
557046.5685	4483594.827	20
557046.5685	4483598.847	20
557046.5685	4483602.866	20
557046.5685	4483606.886	19
557046.5685	4483610.905	19
557046.5685	4483614.925	18
557046.5685	4483618.945	18
557046.5685	4483622.964	30
557046.5685	4483626.984	36
557046.5685	4483631.003	41
557046.5685	4483635.023	30
557046.5685	4483639.043	29
557046.5685	4483643.062	17
557046.5685	4483647.082	15
557046.5685	4483651.101	23
557046.5685	4483655.121	21
557046.5685	4483659.141	20
557046.5685	4483663.16	20
557046.5685	4483667.18	19
557046.5685	4483671.199	9
557046.5685	4483675.219	5
557046.5685	4483679.239	2
557046.5685	4483699.337	1
557046.5685	4483703.356	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557046.5685	4483707.376	2
557046.5685	4483711.395	1
557046.5685	4483715.415	2
557046.5685	4483719.435	2
557046.5685	4483723.454	2
557046.5685	4483727.474	3
557046.5685	4483731.493	4
557046.5685	4483735.513	3
557046.5685	4483739.533	3
557046.5685	4483743.552	3
557046.5685	4483747.572	3
557046.5685	4483751.591	3
557046.5685	4483755.611	2
557046.5685	4483759.631	3
557046.5685	4483763.65	2
557046.5685	4483767.67	1
557046.5685	4483771.689	1
557046.5685	4483783.748	2
557046.5685	4483787.768	5
557046.5685	4483791.787	9
557046.5685	4483795.807	12
557046.5685	4483799.827	14
557046.5685	4483803.846	13
557046.5685	4483807.866	13
557046.5685	4483811.885	12
557046.5685	4483815.905	11
557046.5685	4483819.925	9
557046.5685	4483823.944	8
557046.5685	4483827.964	7
557046.5685	4483831.983	7
557046.5685	4483836.003	5
557046.5685	4483840.023	4
557046.5685	4483844.042	3
557046.5685	4483848.062	2
557050.5756	4483413.945	22
557050.5756	4483417.964	16
557050.5756	4483421.984	32
557050.5756	4483426.004	22
557050.5756	4483430.023	24

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557050.5756	4483434.043	29
557050.5756	4483438.062	34
557050.5756	4483442.082	33
557050.5756	4483446.102	32
557050.5756	4483450.121	31
557050.5756	4483454.141	25
557050.5756	4483458.16	20
557050.5756	4483462.18	21
557050.5756	4483466.2	19
557050.5756	4483470.219	14
557050.5756	4483474.239	6
557050.5756	4483482.278	1
557050.5756	4483486.298	3
557050.5756	4483490.317	5
557050.5756	4483494.337	9
557050.5756	4483498.356	14
557050.5756	4483502.376	19
557050.5756	4483506.396	22
557050.5756	4483510.415	24
557050.5756	4483514.435	26
557050.5756	4483518.454	27
557050.5756	4483522.474	29
557050.5756	4483526.494	27
557050.5756	4483530.513	30
557050.5756	4483534.533	22
557050.5756	4483538.552	21
557050.5756	4483542.572	18
557050.5756	4483546.592	16
557050.5756	4483550.611	5
557050.5756	4483554.631	3
557050.5756	4483558.65	2
557050.5756	4483562.67	1
557050.5756	4483570.709	1
557050.5756	4483574.729	6
557050.5756	4483578.749	10
557050.5756	4483582.768	11
557050.5756	4483586.788	14
557050.5756	4483590.807	15
557050.5756	4483594.827	17

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557050.5756	4483598.847	17
557050.5756	4483602.866	17
557050.5756	4483606.886	18
557050.5756	4483610.905	17
557050.5756	4483614.925	18
557050.5756	4483618.945	29
557050.5756	4483622.964	30
557050.5756	4483626.984	37
557050.5756	4483631.003	33
557050.5756	4483635.023	37
557050.5756	4483639.043	33
557050.5756	4483643.062	35
557050.5756	4483647.082	18
557050.5756	4483651.101	20
557050.5756	4483655.121	19
557050.5756	4483659.141	18
557050.5756	4483663.16	22
557050.5756	4483667.18	19
557050.5756	4483671.199	10
557050.5756	4483675.219	5
557050.5756	4483679.239	1
557050.5756	4483691.297	1
557050.5756	4483695.317	1
557050.5756	4483699.337	2
557050.5756	4483703.356	2
557050.5756	4483707.376	2
557050.5756	4483711.395	2
557050.5756	4483715.415	2
557050.5756	4483719.435	2
557050.5756	4483723.454	3
557050.5756	4483727.474	4
557050.5756	4483731.493	3
557050.5756	4483735.513	4
557050.5756	4483739.533	3
557050.5756	4483743.552	3
557050.5756	4483747.572	3
557050.5756	4483751.591	2
557050.5756	4483755.611	2
557050.5756	4483759.631	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557050.5756	4483763.65	1
557050.5756	4483767.67	1
557050.5756	4483783.748	3
557050.5756	4483787.768	6
557050.5756	4483791.787	10
557050.5756	4483795.807	14
557050.5756	4483799.827	14
557050.5756	4483803.846	15
557050.5756	4483807.866	16
557050.5756	4483811.885	17
557050.5756	4483815.905	10
557050.5756	4483819.925	8
557050.5756	4483823.944	7
557050.5756	4483827.964	5
557050.5756	4483831.983	3
557050.5756	4483836.003	5
557050.5756	4483840.023	3
557050.5756	4483844.042	2
557054.5826	4483409.925	16
557054.5826	4483413.945	18
557054.5826	4483417.964	25
557054.5826	4483421.984	22
557054.5826	4483426.004	22
557054.5826	4483430.023	24
557054.5826	4483434.043	26
557054.5826	4483438.062	27
557054.5826	4483442.082	32
557054.5826	4483446.102	36
557054.5826	4483450.121	36
557054.5826	4483454.141	30
557054.5826	4483458.16	29
557054.5826	4483462.18	28
557054.5826	4483466.2	26
557054.5826	4483470.219	22
557054.5826	4483474.239	13
557054.5826	4483478.258	5
557054.5826	4483482.278	5
557054.5826	4483486.298	6
557054.5826	4483490.317	8

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557054.5826	4483494.337	12
557054.5826	4483498.356	17
557054.5826	4483502.376	23
557054.5826	4483506.396	24
557054.5826	4483510.415	22
557054.5826	4483514.435	25
557054.5826	4483518.454	25
557054.5826	4483522.474	25
557054.5826	4483526.494	22
557054.5826	4483530.513	21
557054.5826	4483534.533	20
557054.5826	4483538.552	17
557054.5826	4483542.572	14
557054.5826	4483546.592	6
557054.5826	4483550.611	3
557054.5826	4483554.631	1
557054.5826	4483574.729	4
557054.5826	4483578.749	7
557054.5826	4483582.768	11
557054.5826	4483586.788	10
557054.5826	4483590.807	12
557054.5826	4483594.827	14
557054.5826	4483598.847	15
557054.5826	4483602.866	15
557054.5826	4483606.886	15
557054.5826	4483610.905	20
557054.5826	4483614.925	38
557054.5826	4483618.945	36
557054.5826	4483622.964	37
557054.5826	4483626.984	38
557054.5826	4483631.003	33
557054.5826	4483635.023	34
557054.5826	4483639.043	37
557054.5826	4483643.062	41
557054.5826	4483647.082	33
557054.5826	4483651.101	24
557054.5826	4483655.121	23
557054.5826	4483659.141	21
557054.5826	4483663.16	24

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557054.5826	4483667.18	20
557054.5826	4483671.199	13
557054.5826	4483675.219	7
557054.5826	4483679.239	1
557054.5826	4483687.278	1
557054.5826	4483691.297	2
557054.5826	4483695.317	2
557054.5826	4483699.337	3
557054.5826	4483703.356	3
557054.5826	4483707.376	3
557054.5826	4483711.395	2
557054.5826	4483715.415	3
557054.5826	4483719.435	3
557054.5826	4483723.454	4
557054.5826	4483727.474	4
557054.5826	4483731.493	3
557054.5826	4483735.513	4
557054.5826	4483739.533	4
557054.5826	4483743.552	3
557054.5826	4483747.572	3
557054.5826	4483751.591	2
557054.5826	4483755.611	2
557054.5826	4483759.631	1
557054.5826	4483763.65	1
557054.5826	4483779.729	2
557054.5826	4483783.748	3
557054.5826	4483787.768	6
557054.5826	4483791.787	10
557054.5826	4483795.807	11
557054.5826	4483799.827	12
557054.5826	4483803.846	14
557054.5826	4483807.866	16
557054.5826	4483811.885	16
557054.5826	4483815.905	15
557054.5826	4483819.925	14
557054.5826	4483823.944	6
557054.5826	4483827.964	4
557054.5826	4483831.983	3
557054.5826	4483836.003	2

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557054.5826	4483840.023	3
557058.5897	4483409.925	17
557058.5897	4483413.945	18
557058.5897	4483417.964	26
557058.5897	4483421.984	18
557058.5897	4483426.004	25
557058.5897	4483430.023	26
557058.5897	4483434.043	28
557058.5897	4483438.062	30
557058.5897	4483442.082	32
557058.5897	4483446.102	36
557058.5897	4483450.121	37
557058.5897	4483454.141	35
557058.5897	4483458.16	35
557058.5897	4483462.18	34
557058.5897	4483466.2	31
557058.5897	4483470.219	30
557058.5897	4483474.239	27
557058.5897	4483478.258	16
557058.5897	4483482.278	13
557058.5897	4483486.298	12
557058.5897	4483490.317	12
557058.5897	4483494.337	15
557058.5897	4483498.356	18
557058.5897	4483502.376	25
557058.5897	4483506.396	26
557058.5897	4483510.415	25
557058.5897	4483514.435	22
557058.5897	4483518.454	25
557058.5897	4483522.474	22
557058.5897	4483526.494	22
557058.5897	4483530.513	19
557058.5897	4483534.533	17
557058.5897	4483538.552	15
557058.5897	4483542.572	8
557058.5897	4483546.592	4
557058.5897	4483550.611	2
557058.5897	4483574.729	3
557058.5897	4483578.749	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557058.5897	4483582.768	9
557058.5897	4483586.788	8
557058.5897	4483590.807	9
557058.5897	4483594.827	11
557058.5897	4483598.847	11
557058.5897	4483602.866	12
557058.5897	4483606.886	13
557058.5897	4483610.905	19
557058.5897	4483614.925	43
557058.5897	4483618.945	33
557058.5897	4483622.964	38
557058.5897	4483626.984	34
557058.5897	4483631.003	35
557058.5897	4483635.023	38
557058.5897	4483639.043	37
557058.5897	4483643.062	38
557058.5897	4483647.082	40
557058.5897	4483651.101	38
557058.5897	4483655.121	35
557058.5897	4483659.141	25
557058.5897	4483663.16	27
557058.5897	4483667.18	24
557058.5897	4483671.199	19
557058.5897	4483675.219	12
557058.5897	4483683.258	2
557058.5897	4483687.278	4
557058.5897	4483691.297	4
557058.5897	4483695.317	5
557058.5897	4483699.337	5
557058.5897	4483703.356	5
557058.5897	4483707.376	4
557058.5897	4483711.395	4
557058.5897	4483715.415	4
557058.5897	4483719.435	4
557058.5897	4483723.454	4
557058.5897	4483727.474	4
557058.5897	4483731.493	4
557058.5897	4483739.533	4
557058.5897	4483743.552	4

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557058.5897	4483747.572	3
557058.5897	4483751.591	3
557058.5897	4483755.611	2
557058.5897	4483759.631	1
557058.5897	4483779.729	2
557058.5897	4483783.748	4
557058.5897	4483787.768	6
557058.5897	4483791.787	8
557058.5897	4483795.807	10
557058.5897	4483799.827	11
557058.5897	4483803.846	12
557058.5897	4483807.866	13
557058.5897	4483811.885	15
557058.5897	4483815.905	14
557058.5897	4483819.925	14
557058.5897	4483823.944	11
557058.5897	4483827.964	9
557058.5897	4483831.983	3
557058.5897	4483836.003	2
557062.5968	4483405.906	9
557062.5968	4483409.925	17
557062.5968	4483413.945	21
557062.5968	4483417.964	25
557062.5968	4483421.984	17
557062.5968	4483426.004	20
557062.5968	4483430.023	27
557062.5968	4483434.043	30
557062.5968	4483438.062	31
557062.5968	4483442.082	33
557062.5968	4483446.102	36
557062.5968	4483450.121	38
557062.5968	4483454.141	40
557062.5968	4483458.16	41
557062.5968	4483462.18	40
557062.5968	4483466.2	34
557062.5968	4483470.219	30
557062.5968	4483474.239	28
557062.5968	4483478.258	23
557062.5968	4483482.278	20

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557062.5968	4483486.298	17
557062.5968	4483490.317	17
557062.5968	4483494.337	20
557062.5968	4483498.356	24
557062.5968	4483502.376	29
557062.5968	4483506.396	30
557062.5968	4483510.415	25
557062.5968	4483514.435	26
557062.5968	4483518.454	24
557062.5968	4483522.474	23
557062.5968	4483526.494	23
557062.5968	4483530.513	20
557062.5968	4483534.533	16
557062.5968	4483538.552	12
557062.5968	4483542.572	7
557062.5968	4483546.592	3
557062.5968	4483550.611	1
557062.5968	4483574.729	3
557062.5968	4483578.749	7
557062.5968	4483582.768	7
557062.5968	4483586.788	11
557062.5968	4483590.807	9
557062.5968	4483594.827	10
557062.5968	4483598.847	11
557062.5968	4483602.866	15
557062.5968	4483606.886	15
557062.5968	4483610.905	39
557062.5968	4483614.925	41
557062.5968	4483618.945	45
557062.5968	4483622.964	37
557062.5968	4483626.984	39
557062.5968	4483631.003	39
557062.5968	4483635.023	41
557062.5968	4483639.043	40
557062.5968	4483643.062	40
557062.5968	4483647.082	41
557062.5968	4483651.101	42
557062.5968	4483655.121	41
557062.5968	4483659.141	37

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557062.5968	4483663.16	33
557062.5968	4483667.18	29
557062.5968	4483671.199	27
557062.5968	4483675.219	26
557062.5968	4483679.239	16
557062.5968	4483683.258	10
557062.5968	4483687.278	10
557062.5968	4483691.297	10
557062.5968	4483695.317	10
557062.5968	4483699.337	10
557062.5968	4483703.356	11
557062.5968	4483707.376	10
557062.5968	4483711.395	11
557062.5968	4483715.415	11
557062.5968	4483719.435	7
557062.5968	4483723.454	6
557062.5968	4483727.474	5
557062.5968	4483731.493	5
557062.5968	4483771.689	1
557062.5968	4483775.709	2
557062.5968	4483779.729	3
557062.5968	4483783.748	5
557062.5968	4483787.768	7
557062.5968	4483791.787	8
557062.5968	4483795.807	10
557062.5968	4483799.827	11
557062.5968	4483803.846	11
557062.5968	4483807.866	13
557062.5968	4483811.885	13
557062.5968	4483815.905	12
557062.5968	4483819.925	12
557062.5968	4483823.944	11
557062.5968	4483827.964	9
557062.5968	4483831.983	8
557062.5968	4483836.003	3
557066.6039	4483401.886	4
557066.6039	4483405.906	12
557066.6039	4483409.925	16
557066.6039	4483413.945	19

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557066.6039	4483417.964	24
557066.6039	4483421.984	20
557066.6039	4483426.004	19
557066.6039	4483430.023	22
557066.6039	4483434.043	24
557066.6039	4483438.062	32
557066.6039	4483442.082	34
557066.6039	4483446.102	37
557066.6039	4483450.121	40
557066.6039	4483454.141	44
557066.6039	4483458.16	49
557066.6039	4483462.18	49
557066.6039	4483466.2	38
557066.6039	4483470.219	33
557066.6039	4483474.239	31
557066.6039	4483478.258	28
557066.6039	4483482.278	25
557066.6039	4483486.298	21
557066.6039	4483490.317	20
557066.6039	4483494.337	23
557066.6039	4483498.356	28
557066.6039	4483502.376	32
557066.6039	4483506.396	30
557066.6039	4483510.415	30
557066.6039	4483514.435	29
557066.6039	4483518.454	29
557066.6039	4483522.474	27
557066.6039	4483526.494	25
557066.6039	4483530.513	21
557066.6039	4483534.533	17
557066.6039	4483538.552	11
557066.6039	4483542.572	6
557066.6039	4483546.592	3
557066.6039	4483570.709	1
557066.6039	4483574.729	3
557066.6039	4483578.749	7
557066.6039	4483582.768	11
557066.6039	4483586.788	11
557066.6039	4483590.807	9

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557066.6039	4483594.827	11
557066.6039	4483598.847	12
557066.6039	4483602.866	14
557066.6039	4483606.886	28
557066.6039	4483610.905	30
557066.6039	4483614.925	41
557066.6039	4483618.945	37
557066.6039	4483622.964	42
557066.6039	4483626.984	48
557066.6039	4483631.003	43
557066.6039	4483635.023	37
557066.6039	4483639.043	40
557066.6039	4483643.062	42
557066.6039	4483647.082	42
557066.6039	4483651.101	44
557066.6039	4483655.121	46
557066.6039	4483659.141	42
557066.6039	4483663.16	37
557066.6039	4483667.18	33
557066.6039	4483671.199	31
557066.6039	4483675.219	31
557066.6039	4483679.239	25
557066.6039	4483683.258	19
557066.6039	4483687.278	16
557066.6039	4483691.297	14
557066.6039	4483695.317	13
557066.6039	4483699.337	11
557066.6039	4483703.356	11
557066.6039	4483707.376	8
557066.6039	4483711.395	9
557066.6039	4483715.415	16
557066.6039	4483719.435	7
557066.6039	4483723.454	6
557066.6039	4483727.474	6
557066.6039	4483759.631	3
557066.6039	4483763.65	1
557066.6039	4483767.67	2
557066.6039	4483771.689	3
557066.6039	4483775.709	4

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557066.6039	4483779.729	7
557066.6039	4483783.748	8
557066.6039	4483787.768	9
557066.6039	4483791.787	11
557066.6039	4483795.807	12
557066.6039	4483799.827	12
557066.6039	4483803.846	14
557066.6039	4483807.866	14
557066.6039	4483811.885	13
557066.6039	4483815.905	12
557066.6039	4483819.925	10
557066.6039	4483823.944	9
557066.6039	4483827.964	8
557066.6039	4483831.983	2
557070.611	4483401.886	7
557070.611	4483405.906	16
557070.611	4483409.925	19
557070.611	4483413.945	19
557070.611	4483417.964	21
557070.611	4483421.984	18
557070.611	4483426.004	18
557070.611	4483430.023	20
557070.611	4483434.043	23
557070.611	4483438.062	27
557070.611	4483442.082	30
557070.611	4483446.102	35
557070.611	4483450.121	40
557070.611	4483454.141	47
557070.611	4483458.16	54
557070.611	4483462.18	60
557070.611	4483466.2	59
557070.611	4483470.219	43
557070.611	4483474.239	36
557070.611	4483478.258	31
557070.611	4483482.278	27
557070.611	4483486.298	25
557070.611	4483490.317	24
557070.611	4483494.337	27
557070.611	4483498.356	31

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557070.611	4483502.376	35
557070.611	4483506.396	33
557070.611	4483510.415	33
557070.611	4483514.435	35
557070.611	4483518.454	34
557070.611	4483522.474	33
557070.611	4483526.494	29
557070.611	4483530.513	24
557070.611	4483534.533	18
557070.611	4483538.552	11
557070.611	4483542.572	5
557070.611	4483546.592	
557070.611	4483570.709	1
557070.611	4483574.729	4
557070.611	4483578.749	7
557070.611	4483582.768	11
557070.611	4483586.788	11
557070.611	4483590.807	9
557070.611	4483594.827	10
557070.611	4483598.847	11
557070.611	4483602.866	13
557070.611	4483606.886	24
557070.611	4483610.905	30
557070.611	4483614.925	32
557070.611	4483618.945	38
557070.611	4483622.964	46
557070.611	4483626.984	47
557070.611	4483631.003	55
557070.611	4483635.023	46
557070.611	4483639.043	44
557070.611	4483643.062	46
557070.611	4483647.082	48
557070.611	4483651.101	51
557070.611	4483655.121	53
557070.611	4483659.141	50
557070.611	4483663.16	43
557070.611	4483667.18	34
557070.611	4483671.199	31
557070.611	4483675.219	32

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557070.611	4483679.239	29
557070.611	4483683.258	25
557070.611	4483687.278	22
557070.611	4483691.297	19
557070.611	4483695.317	17
557070.611	4483699.337	15
557070.611	4483703.356	15
557070.611	4483707.376	11
557070.611	4483711.395	12
557070.611	4483715.415	17
557070.611	4483719.435	16
557070.611	4483723.454	6
557070.611	4483755.611	9
557070.611	4483759.631	6
557070.611	4483763.65	5
557070.611	4483767.67	5
557070.611	4483771.689	7
557070.611	4483775.709	9
557070.611	4483779.729	11
557070.611	4483783.748	14
557070.611	4483787.768	15
557070.611	4483791.787	17
557070.611	4483795.807	18
557070.611	4483799.827	17
557070.611	4483803.846	14
557070.611	4483807.866	15
557070.611	4483811.885	14
557070.611	4483815.905	12
557070.611	4483819.925	10
557070.611	4483823.944	9
557070.611	4483827.964	7
557074.618	4483401.886	9
557074.618	4483405.906	17
557074.618	4483409.925	30
557074.618	4483413.945	18
557074.618	4483417.964	20
557074.618	4483421.984	22
557074.618	4483426.004	18
557074.618	4483430.023	21

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557074.618	4483434.043	23
557074.618	4483438.062	26
557074.618	4483442.082	30
557074.618	4483446.102	34
557074.618	4483450.121	39
557074.618	4483454.141	46
557074.618	4483458.16	54
557074.618	4483462.18	62
557074.618	4483466.2	57
557074.618	4483470.219	46
557074.618	4483474.239	38
557074.618	4483478.258	33
557074.618	4483482.278	30
557074.618	4483486.298	29
557074.618	4483490.317	28
557074.618	4483494.337	29
557074.618	4483498.356	31
557074.618	4483502.376	34
557074.618	4483506.396	37
557074.618	4483510.415	39
557074.618	4483514.435	41
557074.618	4483518.454	41
557074.618	4483522.474	39
557074.618	4483526.494	36
557074.618	4483530.513	30
557074.618	4483534.533	20
557074.618	4483538.552	10
557074.618	4483542.572	4
557074.618	4483546.592	1
557074.618	4483566.69	1
557074.618	4483570.709	3
557074.618	4483574.729	5
557074.618	4483578.749	8
557074.618	4483582.768	12
557074.618	4483586.788	11
557074.618	4483590.807	14
557074.618	4483594.827	9
557074.618	4483598.847	10
557074.618	4483602.866	26

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557074.618	4483606.886	25
557074.618	4483610.905	30
557074.618	4483614.925	29
557074.618	4483618.945	32
557074.618	4483622.964	40
557074.618	4483626.984	47
557074.618	4483631.003	41
557074.618	4483635.023	47
557074.618	4483639.043	51
557074.618	4483643.062	50
557074.618	4483647.082	53
557074.618	4483651.101	57
557074.618	4483655.121	61
557074.618	4483659.141	61
557074.618	4483663.16	54
557074.618	4483667.18	34
557074.618	4483671.199	34
557074.618	4483675.219	35
557074.618	4483679.239	33
557074.618	4483683.258	30
557074.618	4483687.278	27
557074.618	4483691.297	24
557074.618	4483695.317	21
557074.618	4483699.337	20
557074.618	4483703.356	19
557074.618	4483707.376	18
557074.618	4483711.395	15
557074.618	4483715.415	13
557074.618	4483719.435	17
557074.618	4483751.591	11
557074.618	4483755.611	11
557074.618	4483759.631	9
557074.618	4483763.65	10
557074.618	4483767.67	11
557074.618	4483771.689	11
557074.618	4483775.709	12
557074.618	4483779.729	14
557074.618	4483783.748	16
557074.618	4483787.768	18

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557074.618	4483791.787	21
557074.618	4483795.807	21
557074.618	4483799.827	20
557074.618	4483803.846	19
557074.618	4483807.866	17
557074.618	4483811.885	15
557074.618	4483815.905	14
557074.618	4483819.925	11
557074.618	4483823.944	9
557074.618	4483827.964	7
557078.6251	4483397.866	4
557078.6251	4483401.886	7
557078.6251	4483405.906	28
557078.6251	4483409.925	28
557078.6251	4483413.945	18
557078.6251	4483417.964	18
557078.6251	4483421.984	20
557078.6251	4483426.004	22
557078.6251	4483430.023	23
557078.6251	4483434.043	24
557078.6251	4483438.062	26
557078.6251	4483442.082	29
557078.6251	4483446.102	32
557078.6251	4483450.121	35
557078.6251	4483454.141	40
557078.6251	4483458.16	44
557078.6251	4483462.18	50
557078.6251	4483466.2	48
557078.6251	4483470.219	42
557078.6251	4483474.239	37
557078.6251	4483478.258	33
557078.6251	4483482.278	32
557078.6251	4483486.298	32
557078.6251	4483490.317	31
557078.6251	4483494.337	33
557078.6251	4483498.356	34
557078.6251	4483502.376	37
557078.6251	4483506.396	40
557078.6251	4483510.415	43

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557078.6251	4483514.435	46
557078.6251	4483518.454	47
557078.6251	4483522.474	47
557078.6251	4483526.494	44
557078.6251	4483530.513	37
557078.6251	4483534.533	24
557078.6251	4483538.552	9
557078.6251	4483542.572	1
557078.6251	4483558.65	1
557078.6251	4483562.67	1
557078.6251	4483566.69	3
557078.6251	4483570.709	5
557078.6251	4483574.729	7
557078.6251	4483578.749	10
557078.6251	4483582.768	13
557078.6251	4483586.788	16
557078.6251	4483590.807	14
557078.6251	4483594.827	9
557078.6251	4483598.847	11
557078.6251	4483602.866	18
557078.6251	4483606.886	28
557078.6251	4483610.905	31
557078.6251	4483614.925	30
557078.6251	4483618.945	30
557078.6251	4483622.964	42
557078.6251	4483626.984	32
557078.6251	4483631.003	36
557078.6251	4483635.023	45
557078.6251	4483639.043	50
557078.6251	4483643.062	56
557078.6251	4483647.082	58
557078.6251	4483651.101	62
557078.6251	4483655.121	67
557078.6251	4483659.141	74
557078.6251	4483663.16	79
557078.6251	4483667.18	60
557078.6251	4483671.199	48
557078.6251	4483675.219	43
557078.6251	4483679.239	40

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557078.6251	4483683.258	36
557078.6251	4483687.278	32
557078.6251	4483691.297	31
557078.6251	4483695.317	30
557078.6251	4483699.337	29
557078.6251	4483703.356	28
557078.6251	4483707.376	30
557078.6251	4483711.395	20
557078.6251	4483715.415	18
557078.6251	4483719.435	19
557078.6251	4483751.591	15
557078.6251	4483755.611	17
557078.6251	4483759.631	13
557078.6251	4483763.65	13
557078.6251	4483767.67	15
557078.6251	4483771.689	15
557078.6251	4483775.709	17
557078.6251	4483779.729	17
557078.6251	4483783.748	19
557078.6251	4483787.768	21
557078.6251	4483791.787	22
557078.6251	4483795.807	23
557078.6251	4483799.827	21
557078.6251	4483803.846	22
557078.6251	4483807.866	20
557078.6251	4483811.885	18
557078.6251	4483815.905	14
557078.6251	4483819.925	13
557078.6251	4483823.944	10
557078.6251	4483827.964	7
557082.6322	4483397.866	5
557082.6322	4483401.886	14
557082.6322	4483405.906	20
557082.6322	4483409.925	27
557082.6322	4483413.945	15
557082.6322	4483417.964	16
557082.6322	4483421.984	17
557082.6322	4483426.004	19
557082.6322	4483430.023	20

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557082.6322	4483434.043	21
557082.6322	4483438.062	23
557082.6322	4483442.082	25
557082.6322	4483446.102	28
557082.6322	4483450.121	30
557082.6322	4483454.141	31
557082.6322	4483458.16	30
557082.6322	4483462.18	36
557082.6322	4483466.2	37
557082.6322	4483470.219	35
557082.6322	4483474.239	32
557082.6322	4483478.258	30
557082.6322	4483482.278	30
557082.6322	4483486.298	32
557082.6322	4483490.317	34
557082.6322	4483494.337	33
557082.6322	4483498.356	36
557082.6322	4483502.376	39
557082.6322	4483506.396	43
557082.6322	4483510.415	47
557082.6322	4483514.435	51
557082.6322	4483518.454	53
557082.6322	4483522.474	55
557082.6322	4483526.494	54
557082.6322	4483530.513	48
557082.6322	4483534.533	32
557082.6322	4483538.552	7
557082.6322	4483542.572	1
557082.6322	4483546.592	1
557082.6322	4483550.611	2
557082.6322	4483554.631	2
557082.6322	4483558.65	2
557082.6322	4483562.67	3
557082.6322	4483566.69	4
557082.6322	4483570.709	7
557082.6322	4483574.729	9
557082.6322	4483578.749	11
557082.6322	4483582.768	14
557082.6322	4483586.788	17

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557082.6322	4483590.807	14
557082.6322	4483594.827	10
557082.6322	4483598.847	11
557082.6322	4483602.866	13
557082.6322	4483606.886	20
557082.6322	4483610.905	37
557082.6322	4483614.925	30
557082.6322	4483618.945	44
557082.6322	4483622.964	38
557082.6322	4483626.984	38
557082.6322	4483631.003	41
557082.6322	4483635.023	45
557082.6322	4483639.043	54
557082.6322	4483643.062	58
557082.6322	4483647.082	60
557082.6322	4483651.101	64
557082.6322	4483655.121	68
557082.6322	4483659.141	76
557082.6322	4483663.16	90
557082.6322	4483667.18	74
557082.6322	4483671.199	59
557082.6322	4483675.219	51
557082.6322	4483679.239	45
557082.6322	4483683.258	41
557082.6322	4483687.278	37
557082.6322	4483691.297	31
557082.6322	4483695.317	28
557082.6322	4483699.337	27
557082.6322	4483703.356	34
557082.6322	4483707.376	32
557082.6322	4483711.395	21
557082.6322	4483715.415	20
557082.6322	4483719.435	8
557082.6322	4483723.454	5
557082.6322	4483747.572	19
557082.6322	4483751.591	19
557082.6322	4483755.611	18
557082.6322	4483759.631	17
557082.6322	4483763.65	17

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557082.6322	4483767.67	20
557082.6322	4483771.689	21
557082.6322	4483775.709	23
557082.6322	4483779.729	23
557082.6322	4483783.748	26
557082.6322	4483787.768	28
557082.6322	4483791.787	26
557082.6322	4483795.807	26
557082.6322	4483799.827	26
557082.6322	4483803.846	23
557082.6322	4483807.866	22
557082.6322	4483811.885	20
557082.6322	4483815.905	16
557082.6322	4483819.925	13
557082.6322	4483823.944	10
557082.6322	4483827.964	8
557086.6393	4483397.866	17
557086.6393	4483401.886	14
557086.6393	4483405.906	20
557086.6393	4483409.925	25
557086.6393	4483413.945	24
557086.6393	4483417.964	14
557086.6393	4483421.984	14
557086.6393	4483426.004	15
557086.6393	4483430.023	16
557086.6393	4483434.043	17
557086.6393	4483438.062	19
557086.6393	4483442.082	20
557086.6393	4483446.102	22
557086.6393	4483450.121	24
557086.6393	4483454.141	26
557086.6393	4483458.16	25
557086.6393	4483462.18	26
557086.6393	4483466.2	27
557086.6393	4483470.219	26
557086.6393	4483474.239	26
557086.6393	4483478.258	25
557086.6393	4483482.278	27
557086.6393	4483486.298	30

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557086.6393	4483490.317	32
557086.6393	4483494.337	34
557086.6393	4483498.356	36
557086.6393	4483502.376	39
557086.6393	4483506.396	44
557086.6393	4483510.415	49
557086.6393	4483514.435	55
557086.6393	4483518.454	59
557086.6393	4483522.474	61
557086.6393	4483526.494	61
557086.6393	4483530.513	61
557086.6393	4483534.533	45
557086.6393	4483538.552	22
557086.6393	4483542.572	10
557086.6393	4483546.592	7
557086.6393	4483550.611	5
557086.6393	4483554.631	4
557086.6393	4483558.65	3
557086.6393	4483562.67	6
557086.6393	4483566.69	5
557086.6393	4483570.709	8
557086.6393	4483574.729	11
557086.6393	4483578.749	13
557086.6393	4483582.768	16
557086.6393	4483586.788	15
557086.6393	4483590.807	9
557086.6393	4483594.827	10
557086.6393	4483598.847	6
557086.6393	4483602.866	8
557086.6393	4483606.886	24
557086.6393	4483610.905	30
557086.6393	4483614.925	32
557086.6393	4483618.945	40
557086.6393	4483622.964	41
557086.6393	4483626.984	43
557086.6393	4483631.003	42
557086.6393	4483635.023	46
557086.6393	4483639.043	52
557086.6393	4483643.062	57

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557086.6393	4483647.082	61
557086.6393	4483651.101	63
557086.6393	4483655.121	64
557086.6393	4483659.141	62
557086.6393	4483663.16	70
557086.6393	4483667.18	70
557086.6393	4483671.199	62
557086.6393	4483675.219	54
557086.6393	4483679.239	47
557086.6393	4483683.258	42
557086.6393	4483687.278	39
557086.6393	4483691.297	34
557086.6393	4483695.317	31
557086.6393	4483699.337	26
557086.6393	4483703.356	33
557086.6393	4483707.376	39
557086.6393	4483711.395	20
557086.6393	4483715.415	9
557086.6393	4483719.435	8
557086.6393	4483723.454	8
557086.6393	4483727.474	5
557086.6393	4483747.572	22
557086.6393	4483751.591	21
557086.6393	4483755.611	21
557086.6393	4483759.631	21
557086.6393	4483763.65	21
557086.6393	4483767.67	26
557086.6393	4483771.689	33
557086.6393	4483775.709	35
557086.6393	4483779.729	33
557086.6393	4483783.748	37
557086.6393	4483787.768	36
557086.6393	4483791.787	33
557086.6393	4483795.807	32
557086.6393	4483799.827	31
557086.6393	4483803.846	28
557086.6393	4483807.866	25
557086.6393	4483811.885	21
557086.6393	4483815.905	18

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557086.6393	4483819.925	15
557086.6393	4483823.944	10
557086.6393	4483827.964	8
557090.6464	4483397.866	12
557090.6464	4483401.886	12
557090.6464	4483405.906	18
557090.6464	4483409.925	23
557090.6464	4483413.945	22
557090.6464	4483417.964	20
557090.6464	4483421.984	19
557090.6464	4483426.004	18
557090.6464	4483430.023	18
557090.6464	4483434.043	17
557090.6464	4483438.062	17
557090.6464	4483442.082	16
557090.6464	4483446.102	15
557090.6464	4483450.121	15
557090.6464	4483454.141	19
557090.6464	4483458.16	17
557090.6464	4483462.18	17
557090.6464	4483466.2	17
557090.6464	4483470.219	18
557090.6464	4483474.239	17
557090.6464	4483478.258	20
557090.6464	4483482.278	23
557090.6464	4483486.298	28
557090.6464	4483490.317	31
557090.6464	4483494.337	33
557090.6464	4483498.356	34
557090.6464	4483502.376	37
557090.6464	4483506.396	44
557090.6464	4483510.415	51
557090.6464	4483514.435	57
557090.6464	4483518.454	62
557090.6464	4483522.474	63
557090.6464	4483526.494	63
557090.6464	4483530.513	60
557090.6464	4483534.533	48
557090.6464	4483538.552	32

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557090.6464	4483542.572	21
557090.6464	4483546.592	14
557090.6464	4483550.611	10
557090.6464	4483554.631	8
557090.6464	4483558.65	6
557090.6464	4483562.67	8
557090.6464	4483566.69	7
557090.6464	4483570.709	15
557090.6464	4483574.729	11
557090.6464	4483578.749	6
557090.6464	4483582.768	7
557090.6464	4483586.788	5
557090.6464	4483590.807	9
557090.6464	4483594.827	6
557090.6464	4483598.847	6
557090.6464	4483602.866	16
557090.6464	4483606.886	27
557090.6464	4483610.905	37
557090.6464	4483614.925	29
557090.6464	4483618.945	32
557090.6464	4483622.964	39
557090.6464	4483626.984	41
557090.6464	4483631.003	43
557090.6464	4483635.023	47
557090.6464	4483639.043	51
557090.6464	4483643.062	57
557090.6464	4483647.082	62
557090.6464	4483651.101	64
557090.6464	4483655.121	61
557090.6464	4483659.141	61
557090.6464	4483663.16	64
557090.6464	4483667.18	65
557090.6464	4483671.199	61
557090.6464	4483675.219	56
557090.6464	4483679.239	48
557090.6464	4483683.258	44
557090.6464	4483687.278	41
557090.6464	4483691.297	39
557090.6464	4483695.317	34

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557090.6464	4483699.337	37
557090.6464	4483703.356	34
557090.6464	4483707.376	40
557090.6464	4483711.395	31
557090.6464	4483715.415	9
557090.6464	4483719.435	9
557090.6464	4483723.454	8
557090.6464	4483743.552	24
557090.6464	4483747.572	25
557090.6464	4483751.591	25
557090.6464	4483755.611	24
557090.6464	4483759.631	25
557090.6464	4483763.65	25
557090.6464	4483767.67	37
557090.6464	4483771.689	38
557090.6464	4483775.709	40
557090.6464	4483779.729	42
557090.6464	4483783.748	46
557090.6464	4483787.768	47
557090.6464	4483791.787	42
557090.6464	4483795.807	38
557090.6464	4483799.827	36
557090.6464	4483803.846	32
557090.6464	4483807.866	28
557090.6464	4483811.885	23
557090.6464	4483815.905	20
557090.6464	4483819.925	15
557090.6464	4483823.944	10
557090.6464	4483827.964	7
557094.6534	4483397.866	12
557094.6534	4483401.886	12
557094.6534	4483405.906	18
557094.6534	4483409.925	23
557094.6534	4483413.945	21
557094.6534	4483417.964	19
557094.6534	4483421.984	17
557094.6534	4483426.004	16
557094.6534	4483430.023	15
557094.6534	4483434.043	14

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557094.6534	4483438.062	12
557094.6534	4483442.082	11
557094.6534	4483446.102	8
557094.6534	4483450.121	6
557094.6534	4483454.141	7
557094.6534	4483458.16	8
557094.6534	4483462.18	8
557094.6534	4483466.2	8
557094.6534	4483470.219	8
557094.6534	4483474.239	9
557094.6534	4483478.258	12
557094.6534	4483482.278	20
557094.6534	4483486.298	27
557094.6534	4483490.317	30
557094.6534	4483494.337	31
557094.6534	4483498.356	32
557094.6534	4483502.376	33
557094.6534	4483506.396	42
557094.6534	4483510.415	53
557094.6534	4483514.435	55
557094.6534	4483518.454	62
557094.6534	4483522.474	62
557094.6534	4483526.494	61
557094.6534	4483530.513	56
557094.6534	4483534.533	47
557094.6534	4483538.552	37
557094.6534	4483542.572	27
557094.6534	4483546.592	20
557094.6534	4483550.611	15
557094.6534	4483554.631	11
557094.6534	4483558.65	9
557094.6534	4483562.67	11
557094.6534	4483566.69	10
557094.6534	4483570.709	15
557094.6534	4483574.729	17
557094.6534	4483578.749	7
557094.6534	4483582.768	4
557094.6534	4483586.788	9
557094.6534	4483590.807	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557094.6534	4483594.827	4
557094.6534	4483598.847	6
557094.6534	4483602.866	16
557094.6534	4483606.886	29
557094.6534	4483610.905	35
557094.6534	4483614.925	27
557094.6534	4483618.945	26
557094.6534	4483622.964	31
557094.6534	4483626.984	38
557094.6534	4483631.003	40
557094.6534	4483635.023	44
557094.6534	4483639.043	48
557094.6534	4483643.062	54
557094.6534	4483647.082	63
557094.6534	4483651.101	71
557094.6534	4483655.121	62
557094.6534	4483659.141	63
557094.6534	4483663.16	63
557094.6534	4483667.18	62
557094.6534	4483671.199	59
557094.6534	4483675.219	55
557094.6534	4483679.239	48
557094.6534	4483683.258	45
557094.6534	4483687.278	42
557094.6534	4483691.297	39
557094.6534	4483695.317	43
557094.6534	4483699.337	42
557094.6534	4483703.356	37
557094.6534	4483707.376	42
557094.6534	4483711.395	18
557094.6534	4483715.415	10
557094.6534	4483719.435	9
557094.6534	4483739.533	52
557094.6534	4483743.552	29
557094.6534	4483747.572	25
557094.6534	4483751.591	23
557094.6534	4483755.611	28
557094.6534	4483759.631	29
557094.6534	4483763.65	48

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557094.6534	4483767.67	46
557094.6534	4483771.689	47
557094.6534	4483775.709	48
557094.6534	4483779.729	50
557094.6534	4483783.748	53
557094.6534	4483787.768	55
557094.6534	4483791.787	52
557094.6534	4483795.807	45
557094.6534	4483799.827	41
557094.6534	4483803.846	37
557094.6534	4483807.866	31
557094.6534	4483811.885	26
557094.6534	4483815.905	21
557094.6534	4483819.925	15
557094.6534	4483823.944	9
557098.6605	4483397.866	5
557098.6605	4483401.886	10
557098.6605	4483405.906	12
557098.6605	4483409.925	16
557098.6605	4483413.945	14
557098.6605	4483417.964	12
557098.6605	4483421.984	11
557098.6605	4483426.004	11
557098.6605	4483430.023	16
557098.6605	4483434.043	14
557098.6605	4483438.062	11
557098.6605	4483442.082	8
557098.6605	4483446.102	5
557098.6605	4483450.121	2
557098.6605	4483466.2	1
557098.6605	4483470.219	1
557098.6605	4483474.239	1
557098.6605	4483478.258	3
557098.6605	4483482.278	13
557098.6605	4483486.298	29
557098.6605	4483490.317	30
557098.6605	4483494.337	30
557098.6605	4483498.356	30
557098.6605	4483502.376	32

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557098.6605	4483506.396	39
557098.6605	4483510.415	49
557098.6605	4483514.435	54
557098.6605	4483518.454	57
557098.6605	4483522.474	58
557098.6605	4483526.494	57
557098.6605	4483530.513	52
557098.6605	4483534.533	46
557098.6605	4483538.552	39
557098.6605	4483542.572	30
557098.6605	4483546.592	24
557098.6605	4483550.611	19
557098.6605	4483554.631	15
557098.6605	4483558.65	13
557098.6605	4483562.67	12
557098.6605	4483566.69	12
557098.6605	4483570.709	17
557098.6605	4483574.729	19
557098.6605	4483578.749	8
557098.6605	4483582.768	9
557098.6605	4483586.788	10
557098.6605	4483590.807	5
557098.6605	4483598.847	15
557098.6605	4483602.866	27
557098.6605	4483606.886	33
557098.6605	4483610.905	37
557098.6605	4483614.925	36
557098.6605	4483618.945	33
557098.6605	4483622.964	32
557098.6605	4483626.984	34
557098.6605	4483631.003	36
557098.6605	4483635.023	40
557098.6605	4483639.043	43
557098.6605	4483643.062	48
557098.6605	4483647.082	57
557098.6605	4483651.101	74
557098.6605	4483655.121	74
557098.6605	4483659.141	65
557098.6605	4483663.16	61

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557098.6605	4483667.18	59
557098.6605	4483671.199	58
557098.6605	4483675.219	56
557098.6605	4483679.239	44
557098.6605	4483683.258	40
557098.6605	4483687.278	36
557098.6605	4483691.297	44
557098.6605	4483695.317	42
557098.6605	4483699.337	41
557098.6605	4483703.356	41
557098.6605	4483707.376	51
557098.6605	4483711.395	51
557098.6605	4483715.415	18
557098.6605	4483719.435	14
557098.6605	4483731.493	62
557098.6605	4483735.513	64
557098.6605	4483739.533	68
557098.6605	4483743.552	53
557098.6605	4483747.572	30
557098.6605	4483751.591	27
557098.6605	4483755.611	29
557098.6605	4483759.631	61
557098.6605	4483763.65	58
557098.6605	4483767.67	54
557098.6605	4483771.689	54
557098.6605	4483775.709	51
557098.6605	4483779.729	52
557098.6605	4483783.748	61
557098.6605	4483787.768	60
557098.6605	4483791.787	58
557098.6605	4483795.807	51
557098.6605	4483799.827	47
557098.6605	4483803.846	41
557098.6605	4483807.866	34
557098.6605	4483811.885	27
557098.6605	4483815.905	21
557098.6605	4483819.925	14
557098.6605	4483823.944	8
557102.6676	4483401.886	10

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557102.6676	4483405.906	10
557102.6676	4483409.925	11
557102.6676	4483413.945	10
557102.6676	4483417.964	10
557102.6676	4483421.984	9
557102.6676	4483426.004	8
557102.6676	4483430.023	7
557102.6676	4483434.043	5
557102.6676	4483438.062	4
557102.6676	4483442.082	2
557102.6676	4483446.102	1
557102.6676	4483478.258	2
557102.6676	4483482.278	12
557102.6676	4483486.298	26
557102.6676	4483490.317	29
557102.6676	4483494.337	30
557102.6676	4483498.356	32
557102.6676	4483502.376	34
557102.6676	4483506.396	39
557102.6676	4483510.415	46
557102.6676	4483514.435	50
557102.6676	4483518.454	53
557102.6676	4483522.474	54
557102.6676	4483526.494	53
557102.6676	4483530.513	50
557102.6676	4483534.533	45
557102.6676	4483538.552	41
557102.6676	4483542.572	35
557102.6676	4483546.592	29
557102.6676	4483550.611	22
557102.6676	4483554.631	18
557102.6676	4483558.65	16
557102.6676	4483562.67	14
557102.6676	4483566.69	14
557102.6676	4483570.709	19
557102.6676	4483574.729	16
557102.6676	4483578.749	16
557102.6676	4483582.768	10
557102.6676	4483586.788	10

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557102.6676	4483590.807	5
557102.6676	4483594.827	19
557102.6676	4483598.847	19
557102.6676	4483602.866	23
557102.6676	4483606.886	31
557102.6676	4483610.905	35
557102.6676	4483614.925	32
557102.6676	4483618.945	29
557102.6676	4483622.964	29
557102.6676	4483626.984	30
557102.6676	4483631.003	31
557102.6676	4483635.023	34
557102.6676	4483639.043	36
557102.6676	4483643.062	38
557102.6676	4483647.082	39
557102.6676	4483651.101	52
557102.6676	4483655.121	60
557102.6676	4483659.141	59
557102.6676	4483663.16	57
557102.6676	4483667.18	55
557102.6676	4483671.199	53
557102.6676	4483675.219	52
557102.6676	4483679.239	48
557102.6676	4483683.258	46
557102.6676	4483687.278	39
557102.6676	4483691.297	41
557102.6676	4483695.317	41
557102.6676	4483699.337	39
557102.6676	4483703.356	37
557102.6676	4483707.376	60
557102.6676	4483711.395	60
557102.6676	4483715.415	52
557102.6676	4483727.474	82
557102.6676	4483731.493	78
557102.6676	4483735.513	82
557102.6676	4483739.533	73
557102.6676	4483743.552	71
557102.6676	4483747.572	56
557102.6676	4483751.591	89

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557102.6676	4483755.611	84
557102.6676	4483759.631	72
557102.6676	4483763.65	73
557102.6676	4483767.67	63
557102.6676	4483771.689	62
557102.6676	4483775.709	56
557102.6676	4483779.729	57
557102.6676	4483783.748	67
557102.6676	4483787.768	65
557102.6676	4483791.787	65
557102.6676	4483795.807	59
557102.6676	4483799.827	53
557102.6676	4483803.846	46
557102.6676	4483807.866	37
557102.6676	4483811.885	28
557102.6676	4483815.905	19
557102.6676	4483819.925	12
557102.6676	4483823.944	6
557106.6747	4483401.886	10
557106.6747	4483405.906	10
557106.6747	4483409.925	11
557106.6747	4483413.945	10
557106.6747	4483417.964	9
557106.6747	4483421.984	7
557106.6747	4483426.004	6
557106.6747	4483430.023	5
557106.6747	4483434.043	4
557106.6747	4483438.062	3
557106.6747	4483442.082	1
557106.6747	4483474.239	1
557106.6747	4483478.258	5
557106.6747	4483482.278	14
557106.6747	4483486.298	22
557106.6747	4483490.317	27
557106.6747	4483494.337	30
557106.6747	4483498.356	32
557106.6747	4483502.376	35
557106.6747	4483506.396	39
557106.6747	4483510.415	43

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557106.6747	4483514.435	47
557106.6747	4483518.454	50
557106.6747	4483522.474	50
557106.6747	4483526.494	50
557106.6747	4483530.513	47
557106.6747	4483534.533	43
557106.6747	4483538.552	41
557106.6747	4483542.572	37
557106.6747	4483546.592	32
557106.6747	4483550.611	28
557106.6747	4483554.631	25
557106.6747	4483558.65	22
557106.6747	4483562.67	16
557106.6747	4483566.69	15
557106.6747	4483570.709	22
557106.6747	4483574.729	19
557106.6747	4483578.749	20
557106.6747	4483582.768	18
557106.6747	4483586.788	13
557106.6747	4483590.807	13
557106.6747	4483594.827	18
557106.6747	4483598.847	31
557106.6747	4483602.866	25
557106.6747	4483606.886	25
557106.6747	4483610.905	24
557106.6747	4483614.925	24
557106.6747	4483618.945	22
557106.6747	4483622.964	23
557106.6747	4483626.984	23
557106.6747	4483631.003	26
557106.6747	4483635.023	29
557106.6747	4483639.043	32
557106.6747	4483643.062	31
557106.6747	4483647.082	30
557106.6747	4483651.101	37
557106.6747	4483655.121	47
557106.6747	4483659.141	51
557106.6747	4483663.16	51
557106.6747	4483667.18	47

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557106.6747	4483671.199	46
557106.6747	4483675.219	44
557106.6747	4483679.239	46
557106.6747	4483683.258	45
557106.6747	4483687.278	54
557106.6747	4483691.297	43
557106.6747	4483695.317	43
557106.6747	4483699.337	39
557106.6747	4483703.356	48
557106.6747	4483707.376	47
557106.6747	4483711.395	49
557106.6747	4483723.454	165
557106.6747	4483727.474	109
557106.6747	4483731.493	102
557106.6747	4483735.513	86
557106.6747	4483739.533	83
557106.6747	4483743.552	71
557106.6747	4483747.572	70
557106.6747	4483751.591	84
557106.6747	4483755.611	80
557106.6747	4483759.631	73
557106.6747	4483763.65	70
557106.6747	4483767.67	66
557106.6747	4483771.689	64
557106.6747	4483775.709	61
557106.6747	4483779.729	69
557106.6747	4483783.748	67
557106.6747	4483787.768	70
557106.6747	4483791.787	73
557106.6747	4483795.807	75
557106.6747	4483799.827	64
557106.6747	4483803.846	51
557106.6747	4483807.866	38
557106.6747	4483811.885	26
557106.6747	4483815.905	17
557106.6747	4483819.925	9
557106.6747	4483823.944	3
557110.6818	4483405.906	10
557110.6818	4483409.925	10

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557110.6818	4483413.945	8
557110.6818	4483417.964	7
557110.6818	4483421.984	6
557110.6818	4483426.004	5
557110.6818	4483430.023	4
557110.6818	4483434.043	3
557110.6818	4483438.062	2
557110.6818	4483474.239	3
557110.6818	4483478.258	9
557110.6818	4483482.278	14
557110.6818	4483486.298	21
557110.6818	4483490.317	25
557110.6818	4483494.337	29
557110.6818	4483498.356	32
557110.6818	4483502.376	35
557110.6818	4483506.396	38
557110.6818	4483510.415	40
557110.6818	4483514.435	44
557110.6818	4483518.454	46
557110.6818	4483522.474	47
557110.6818	4483526.494	46
557110.6818	4483530.513	44
557110.6818	4483534.533	41
557110.6818	4483538.552	41
557110.6818	4483542.572	37
557110.6818	4483546.592	33
557110.6818	4483550.611	30
557110.6818	4483554.631	28
557110.6818	4483558.65	26
557110.6818	4483562.67	23
557110.6818	4483566.69	23
557110.6818	4483570.709	21
557110.6818	4483574.729	24
557110.6818	4483578.749	21
557110.6818	4483582.768	17
557110.6818	4483586.788	8
557110.6818	4483590.807	14
557110.6818	4483594.827	19
557110.6818	4483598.847	29

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557110.6818	4483602.866	20
557110.6818	4483606.886	16
557110.6818	4483610.905	16
557110.6818	4483614.925	16
557110.6818	4483618.945	17
557110.6818	4483622.964	17
557110.6818	4483626.984	18
557110.6818	4483631.003	20
557110.6818	4483635.023	25
557110.6818	4483639.043	30
557110.6818	4483643.062	30
557110.6818	4483647.082	30
557110.6818	4483651.101	34
557110.6818	4483655.121	39
557110.6818	4483659.141	44
557110.6818	4483663.16	45
557110.6818	4483667.18	42
557110.6818	4483671.199	41
557110.6818	4483675.219	40
557110.6818	4483679.239	37
557110.6818	4483683.258	54
557110.6818	4483687.278	53
557110.6818	4483691.297	60
557110.6818	4483695.317	61
557110.6818	4483699.337	50
557110.6818	4483703.356	48
557110.6818	4483707.376	47
557110.6818	4483719.435	191
557110.6818	4483723.454	229
557110.6818	4483727.474	186
557110.6818	4483731.493	116
557110.6818	4483735.513	103
557110.6818	4483739.533	89
557110.6818	4483743.552	84
557110.6818	4483747.572	93
557110.6818	4483751.591	86
557110.6818	4483755.611	79
557110.6818	4483759.631	76
557110.6818	4483763.65	70

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557110.6818	4483767.67	63
557110.6818	4483771.689	64
557110.6818	4483775.709	65
557110.6818	4483779.729	67
557110.6818	4483783.748	68
557110.6818	4483787.768	71
557110.6818	4483791.787	75
557110.6818	4483795.807	82
557110.6818	4483799.827	69
557110.6818	4483803.846	52
557110.6818	4483807.866	36
557110.6818	4483811.885	24
557110.6818	4483815.905	14
557110.6818	4483819.925	6
557114.6889	4483409.925	10
557114.6889	4483413.945	8
557114.6889	4483417.964	7
557114.6889	4483421.984	6
557114.6889	4483426.004	5
557114.6889	4483430.023	4
557114.6889	4483434.043	3
557114.6889	4483438.062	1
557114.6889	4483470.219	2
557114.6889	4483474.239	4
557114.6889	4483478.258	11
557114.6889	4483482.278	15
557114.6889	4483486.298	20
557114.6889	4483490.317	25
557114.6889	4483494.337	28
557114.6889	4483498.356	32
557114.6889	4483502.376	35
557114.6889	4483506.396	36
557114.6889	4483510.415	38
557114.6889	4483514.435	42
557114.6889	4483518.454	43
557114.6889	4483522.474	44
557114.6889	4483526.494	43
557114.6889	4483530.513	41
557114.6889	4483534.533	39

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557114.6889	4483538.552	40
557114.6889	4483542.572	38
557114.6889	4483546.592	34
557114.6889	4483550.611	31
557114.6889	4483554.631	30
557114.6889	4483558.65	28
557114.6889	4483562.67	25
557114.6889	4483566.69	23
557114.6889	4483570.709	26
557114.6889	4483574.729	26
557114.6889	4483578.749	26
557114.6889	4483582.768	18
557114.6889	4483586.788	18
557114.6889	4483590.807	22
557114.6889	4483594.827	20
557114.6889	4483598.847	23
557114.6889	4483602.866	20
557114.6889	4483606.886	17
557114.6889	4483610.905	13
557114.6889	4483614.925	12
557114.6889	4483618.945	10
557114.6889	4483622.964	11
557114.6889	4483626.984	11
557114.6889	4483631.003	14
557114.6889	4483635.023	20
557114.6889	4483639.043	29
557114.6889	4483643.062	29
557114.6889	4483647.082	29
557114.6889	4483651.101	32
557114.6889	4483655.121	35
557114.6889	4483659.141	38
557114.6889	4483663.16	40
557114.6889	4483667.18	39
557114.6889	4483671.199	36
557114.6889	4483675.219	35
557114.6889	4483679.239	40
557114.6889	4483683.258	41
557114.6889	4483687.278	40
557114.6889	4483691.297	51

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557114.6889	4483695.317	77
557114.6889	4483699.337	84
557114.6889	4483703.356	50
557114.6889	4483707.376	49
557114.6889	4483715.415	220
557114.6889	4483719.435	229
557114.6889	4483723.454	196
557114.6889	4483727.474	195
557114.6889	4483731.493	186
557114.6889	4483735.513	182
557114.6889	4483739.533	107
557114.6889	4483743.552	97
557114.6889	4483747.572	91
557114.6889	4483751.591	86
557114.6889	4483755.611	79
557114.6889	4483759.631	76
557114.6889	4483763.65	71
557114.6889	4483767.67	65
557114.6889	4483771.689	64
557114.6889	4483775.709	67
557114.6889	4483779.729	68
557114.6889	4483783.748	68
557114.6889	4483787.768	67
557114.6889	4483791.787	66
557114.6889	4483795.807	67
557114.6889	4483799.827	61
557114.6889	4483803.846	48
557114.6889	4483807.866	33
557114.6889	4483811.885	19
557114.6889	4483815.905	10
557114.6889	4483819.925	2
557118.6959	4483413.945	8
557118.6959	4483417.964	7
557118.6959	4483421.984	6
557118.6959	4483426.004	5
557118.6959	4483430.023	4
557118.6959	4483434.043	2
557118.6959	4483438.062	1
557118.6959	4483458.16	1

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557118.6959	4483462.18	1
557118.6959	4483466.2	2
557118.6959	4483470.219	4
557118.6959	4483474.239	6
557118.6959	4483478.258	13
557118.6959	4483482.278	16
557118.6959	4483486.298	21
557118.6959	4483490.317	24
557118.6959	4483494.337	28
557118.6959	4483498.356	32
557118.6959	4483502.376	35
557118.6959	4483506.396	35
557118.6959	4483510.415	35
557118.6959	4483514.435	39
557118.6959	4483518.454	40
557118.6959	4483522.474	40
557118.6959	4483526.494	40
557118.6959	4483530.513	39
557118.6959	4483534.533	37
557118.6959	4483538.552	39
557118.6959	4483542.572	37
557118.6959	4483546.592	35
557118.6959	4483550.611	32
557118.6959	4483554.631	31
557118.6959	4483558.65	29
557118.6959	4483562.67	35
557118.6959	4483566.69	22
557118.6959	4483570.709	28
557118.6959	4483574.729	28
557118.6959	4483578.749	23
557118.6959	4483582.768	21
557118.6959	4483586.788	28
557118.6959	4483590.807	25
557118.6959	4483594.827	25
557118.6959	4483598.847	28
557118.6959	4483602.866	28
557118.6959	4483606.886	23
557118.6959	4483610.905	18
557118.6959	4483614.925	10

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557118.6959	4483618.945	8
557118.6959	4483622.964	7
557118.6959	4483626.984	6
557118.6959	4483631.003	5
557118.6959	4483635.023	6
557118.6959	4483639.043	21
557118.6959	4483643.062	24
557118.6959	4483647.082	26
557118.6959	4483651.101	29
557118.6959	4483655.121	30
557118.6959	4483659.141	35
557118.6959	4483663.16	36
557118.6959	4483667.18	35
557118.6959	4483671.199	35
557118.6959	4483675.219	36
557118.6959	4483679.239	37
557118.6959	4483683.258	37
557118.6959	4483687.278	36
557118.6959	4483691.297	38
557118.6959	4483695.317	50
557118.6959	4483699.337	77
557118.6959	4483703.356	85
557118.6959	4483715.415	216
557118.6959	4483719.435	207
557118.6959	4483723.454	208
557118.6959	4483727.474	198
557118.6959	4483731.493	196
557118.6959	4483735.513	185
557118.6959	4483739.533	162
557118.6959	4483743.552	125
557118.6959	4483747.572	97
557118.6959	4483751.591	92
557118.6959	4483755.611	84
557118.6959	4483759.631	78
557118.6959	4483763.65	70
557118.6959	4483767.67	64
557118.6959	4483771.689	66
557118.6959	4483775.709	67
557118.6959	4483779.729	73

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557118.6959	4483783.748	72
557118.6959	4483787.768	64
557118.6959	4483791.787	59
557118.6959	4483795.807	57
557118.6959	4483799.827	53
557118.6959	4483803.846	42
557118.6959	4483807.866	28
557118.6959	4483811.885	14
557118.6959	4483815.905	4
557122.703	4483413.945	8
557122.703	4483417.964	8
557122.703	4483421.984	7
557122.703	4483426.004	4
557122.703	4483430.023	3
557122.703	4483434.043	2
557122.703	4483438.062	1
557122.703	4483458.16	3
557122.703	4483462.18	3
557122.703	4483466.2	4
557122.703	4483470.219	5
557122.703	4483474.239	7
557122.703	4483478.258	14
557122.703	4483482.278	16
557122.703	4483486.298	21
557122.703	4483490.317	25
557122.703	4483494.337	28
557122.703	4483498.356	31
557122.703	4483502.376	34
557122.703	4483506.396	33
557122.703	4483510.415	32
557122.703	4483514.435	36
557122.703	4483518.454	37
557122.703	4483522.474	37
557122.703	4483526.494	37
557122.703	4483530.513	36
557122.703	4483534.533	35
557122.703	4483538.552	38
557122.703	4483542.572	37
557122.703	4483546.592	35

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557122.703	4483550.611	33
557122.703	4483554.631	32
557122.703	4483558.65	36
557122.703	4483562.67	31
557122.703	4483566.69	24
557122.703	4483570.709	25
557122.703	4483574.729	30
557122.703	4483578.749	19
557122.703	4483582.768	33
557122.703	4483586.788	31
557122.703	4483590.807	24
557122.703	4483594.827	21
557122.703	4483598.847	18
557122.703	4483602.866	20
557122.703	4483606.886	16
557122.703	4483610.905	12
557122.703	4483614.925	8
557122.703	4483618.945	4
557122.703	4483622.964	2
557122.703	4483626.984	1
557122.703	4483635.023	1
557122.703	4483639.043	10
557122.703	4483643.062	17
557122.703	4483647.082	22
557122.703	4483651.101	26
557122.703	4483655.121	25
557122.703	4483659.141	30
557122.703	4483663.16	36
557122.703	4483667.18	38
557122.703	4483671.199	33
557122.703	4483675.219	34
557122.703	4483679.239	35
557122.703	4483683.258	35
557122.703	4483687.278	35
557122.703	4483691.297	47
557122.703	4483695.317	49
557122.703	4483699.337	49
557122.703	4483711.395	217
557122.703	4483715.415	196

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557122.703	4483719.435	198
557122.703	4483723.454	211
557122.703	4483727.474	211
557122.703	4483731.493	201
557122.703	4483735.513	141
557122.703	4483739.533	134
557122.703	4483743.552	130
557122.703	4483747.572	122
557122.703	4483751.591	116
557122.703	4483755.611	104
557122.703	4483759.631	95
557122.703	4483763.65	83
557122.703	4483767.67	77
557122.703	4483771.689	72
557122.703	4483775.709	70
557122.703	4483779.729	72
557122.703	4483783.748	77
557122.703	4483787.768	71
557122.703	4483791.787	60
557122.703	4483795.807	54
557122.703	4483799.827	47
557122.703	4483803.846	37
557122.703	4483807.866	23
557122.703	4483811.885	8
557126.7101	4483417.964	7
557126.7101	4483421.984	5
557126.7101	4483426.004	4
557126.7101	4483430.023	4
557126.7101	4483434.043	3
557126.7101	4483438.062	2
557126.7101	4483442.082	1
557126.7101	4483458.16	5
557126.7101	4483462.18	5
557126.7101	4483466.2	6
557126.7101	4483470.219	7
557126.7101	4483474.239	9
557126.7101	4483478.258	16
557126.7101	4483482.278	17
557126.7101	4483486.298	22

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557126.7101	4483490.317	25
557126.7101	4483494.337	28
557126.7101	4483498.356	32
557126.7101	4483502.376	34
557126.7101	4483506.396	32
557126.7101	4483510.415	28
557126.7101	4483514.435	34
557126.7101	4483518.454	34
557126.7101	4483522.474	35
557126.7101	4483526.494	34
557126.7101	4483530.513	34
557126.7101	4483534.533	32
557126.7101	4483538.552	36
557126.7101	4483542.572	33
557126.7101	4483546.592	35
557126.7101	4483550.611	33
557126.7101	4483554.631	33
557126.7101	4483558.65	32
557126.7101	4483562.67	32
557126.7101	4483566.69	32
557126.7101	4483570.709	27
557126.7101	4483574.729	17
557126.7101	4483578.749	29
557126.7101	4483582.768	34
557126.7101	4483586.788	30
557126.7101	4483590.807	28
557126.7101	4483594.827	24
557126.7101	4483598.847	21
557126.7101	4483602.866	17
557126.7101	4483606.886	14
557126.7101	4483610.905	11
557126.7101	4483614.925	7
557126.7101	4483618.945	2
557126.7101	4483635.023	2
557126.7101	4483639.043	7
557126.7101	4483643.062	13
557126.7101	4483647.082	18
557126.7101	4483651.101	25
557126.7101	4483655.121	23

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557126.7101	4483659.141	24
557126.7101	4483663.16	30
557126.7101	4483667.18	31
557126.7101	4483671.199	37
557126.7101	4483675.219	33
557126.7101	4483679.239	34
557126.7101	4483683.258	34
557126.7101	4483687.278	46
557126.7101	4483691.297	47
557126.7101	4483695.317	46
557126.7101	4483699.337	46
557126.7101	4483707.376	195
557126.7101	4483711.395	204
557126.7101	4483715.415	206
557126.7101	4483719.435	202
557126.7101	4483723.454	203
557126.7101	4483727.474	216
557126.7101	4483731.493	149
557126.7101	4483735.513	144
557126.7101	4483739.533	148
557126.7101	4483743.552	143
557126.7101	4483747.572	131
557126.7101	4483751.591	125
557126.7101	4483755.611	113
557126.7101	4483759.631	100
557126.7101	4483763.65	91
557126.7101	4483767.67	78
557126.7101	4483771.689	67
557126.7101	4483775.709	60
557126.7101	4483779.729	65
557126.7101	4483783.748	80
557126.7101	4483787.768	72
557126.7101	4483791.787	59
557126.7101	4483795.807	51
557126.7101	4483799.827	45
557126.7101	4483803.846	36
557126.7101	4483807.866	23
557126.7101	4483811.885	7
557130.7172	4483421.984	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557130.7172	4483426.004	5
557130.7172	4483430.023	4
557130.7172	4483434.043	3
557130.7172	4483438.062	2
557130.7172	4483442.082	1
557130.7172	4483446.102	1
557130.7172	4483450.121	1
557130.7172	4483454.141	7
557130.7172	4483458.16	8
557130.7172	4483462.18	8
557130.7172	4483466.2	8
557130.7172	4483470.219	9
557130.7172	4483474.239	11
557130.7172	4483478.258	18
557130.7172	4483482.278	18
557130.7172	4483486.298	23
557130.7172	4483490.317	26
557130.7172	4483494.337	29
557130.7172	4483498.356	32
557130.7172	4483502.376	34
557130.7172	4483506.396	30
557130.7172	4483510.415	32
557130.7172	4483514.435	31
557130.7172	4483518.454	32
557130.7172	4483522.474	32
557130.7172	4483526.494	32
557130.7172	4483530.513	31
557130.7172	4483534.533	30
557130.7172	4483538.552	36
557130.7172	4483542.572	32
557130.7172	4483546.592	36
557130.7172	4483550.611	35
557130.7172	4483554.631	43
557130.7172	4483558.65	40
557130.7172	4483562.67	40
557130.7172	4483566.69	40
557130.7172	4483570.709	34
557130.7172	4483574.729	26
557130.7172	4483578.749	25

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557130.7172	4483582.768	28
557130.7172	4483586.788	33
557130.7172	4483590.807	31
557130.7172	4483594.827	28
557130.7172	4483598.847	23
557130.7172	4483602.866	21
557130.7172	4483606.886	16
557130.7172	4483610.905	12
557130.7172	4483614.925	6
557130.7172	4483618.945	1
557130.7172	4483631.003	1
557130.7172	4483635.023	3
557130.7172	4483639.043	7
557130.7172	4483643.062	12
557130.7172	4483647.082	17
557130.7172	4483651.101	25
557130.7172	4483655.121	28
557130.7172	4483659.141	23
557130.7172	4483663.16	25
557130.7172	4483667.18	25
557130.7172	4483671.199	27
557130.7172	4483675.219	36
557130.7172	4483679.239	32
557130.7172	4483683.258	46
557130.7172	4483687.278	46
557130.7172	4483691.297	46
557130.7172	4483695.317	46
557130.7172	4483703.356	211
557130.7172	4483707.376	200
557130.7172	4483711.395	199
557130.7172	4483715.415	208
557130.7172	4483719.435	211
557130.7172	4483723.454	208
557130.7172	4483727.474	188
557130.7172	4483731.493	163
557130.7172	4483735.513	160
557130.7172	4483739.533	160
557130.7172	4483743.552	158
557130.7172	4483747.572	150

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557130.7172	4483751.591	139
557130.7172	4483755.611	133
557130.7172	4483759.631	118
557130.7172	4483763.65	99
557130.7172	4483767.67	81
557130.7172	4483771.689	61
557130.7172	4483775.709	45
557130.7172	4483779.729	43
557130.7172	4483783.748	57
557130.7172	4483787.768	57
557130.7172	4483791.787	49
557130.7172	4483795.807	43
557130.7172	4483799.827	40
557130.7172	4483803.846	36
557130.7172	4483807.866	29
557130.7172	4483811.885	16
557134.7243	4483421.984	8
557134.7243	4483426.004	6
557134.7243	4483430.023	5
557134.7243	4483434.043	4
557134.7243	4483438.062	3
557134.7243	4483442.082	3
557134.7243	4483446.102	2
557134.7243	4483450.121	1
557134.7243	4483454.141	9
557134.7243	4483458.16	10
557134.7243	4483462.18	10
557134.7243	4483466.2	10
557134.7243	4483470.219	11
557134.7243	4483474.239	13
557134.7243	4483478.258	19
557134.7243	4483482.278	19
557134.7243	4483486.298	24
557134.7243	4483490.317	27
557134.7243	4483494.337	29
557134.7243	4483498.356	32
557134.7243	4483502.376	34
557134.7243	4483506.396	36
557134.7243	4483510.415	38

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557134.7243	4483514.435	37
557134.7243	4483518.454	38
557134.7243	4483522.474	29
557134.7243	4483526.494	29
557134.7243	4483530.513	28
557134.7243	4483534.533	27
557134.7243	4483538.552	35
557134.7243	4483542.572	31
557134.7243	4483546.592	30
557134.7243	4483550.611	34
557134.7243	4483554.631	37
557134.7243	4483558.65	41
557134.7243	4483562.67	47
557134.7243	4483566.69	47
557134.7243	4483570.709	35
557134.7243	4483574.729	27
557134.7243	4483578.749	33
557134.7243	4483582.768	30
557134.7243	4483586.788	33
557134.7243	4483590.807	35
557134.7243	4483594.827	32
557134.7243	4483598.847	28
557134.7243	4483602.866	25
557134.7243	4483606.886	21
557134.7243	4483610.905	15
557134.7243	4483614.925	7
557134.7243	4483626.984	2
557134.7243	4483631.003	3
557134.7243	4483635.023	6
557134.7243	4483639.043	9
557134.7243	4483643.062	13
557134.7243	4483647.082	18
557134.7243	4483651.101	29
557134.7243	4483655.121	29
557134.7243	4483659.141	30
557134.7243	4483663.16	33
557134.7243	4483667.18	24
557134.7243	4483671.199	17
557134.7243	4483675.219	26

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557134.7243	4483679.239	51
557134.7243	4483683.258	53
557134.7243	4483687.278	46
557134.7243	4483691.297	46
557134.7243	4483699.337	176
557134.7243	4483703.356	193
557134.7243	4483707.376	200
557134.7243	4483711.395	203
557134.7243	4483715.415	204
557134.7243	4483719.435	213
557134.7243	4483723.454	178
557134.7243	4483727.474	165
557134.7243	4483731.493	175
557134.7243	4483735.513	175
557134.7243	4483739.533	178
557134.7243	4483743.552	177
557134.7243	4483747.572	173
557134.7243	4483751.591	166
557134.7243	4483755.611	153
557134.7243	4483759.631	134
557134.7243	4483763.65	112
557134.7243	4483767.67	87
557134.7243	4483771.689	59
557134.7243	4483775.709	32
557134.7243	4483779.729	29
557134.7243	4483783.748	37
557134.7243	4483787.768	40
557134.7243	4483791.787	39
557134.7243	4483795.807	36
557134.7243	4483799.827	36
557134.7243	4483803.846	34
557134.7243	4483807.866	30
557138.7313	4483430.023	6
557138.7313	4483434.043	5
557138.7313	4483438.062	4
557138.7313	4483442.082	4
557138.7313	4483446.102	2
557138.7313	4483450.121	2
557138.7313	4483454.141	12

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557138.7313	4483458.16	12
557138.7313	4483462.18	12
557138.7313	4483466.2	13
557138.7313	4483470.219	13
557138.7313	4483474.239	15
557138.7313	4483478.258	21
557138.7313	4483482.278	20
557138.7313	4483486.298	25
557138.7313	4483490.317	27
557138.7313	4483494.337	29
557138.7313	4483498.356	32
557138.7313	4483502.376	33
557138.7313	4483506.396	35
557138.7313	4483510.415	37
557138.7313	4483514.435	45
557138.7313	4483518.454	46
557138.7313	4483522.474	37
557138.7313	4483526.494	37
557138.7313	4483530.513	37
557138.7313	4483534.533	37
557138.7313	4483538.552	33
557138.7313	4483542.572	46
557138.7313	4483546.592	48
557138.7313	4483550.611	48
557138.7313	4483554.631	48
557138.7313	4483558.65	42
557138.7313	4483562.67	28
557138.7313	4483566.69	36
557138.7313	4483570.709	36
557138.7313	4483574.729	36
557138.7313	4483578.749	35
557138.7313	4483582.768	32
557138.7313	4483586.788	33
557138.7313	4483590.807	35
557138.7313	4483594.827	34
557138.7313	4483598.847	32
557138.7313	4483602.866	29
557138.7313	4483606.886	26
557138.7313	4483610.905	23

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557138.7313	4483614.925	15
557138.7313	4483618.945	3
557138.7313	4483622.964	4
557138.7313	4483626.984	5
557138.7313	4483631.003	6
557138.7313	4483635.023	8
557138.7313	4483639.043	10
557138.7313	4483643.062	12
557138.7313	4483647.082	17
557138.7313	4483651.101	27
557138.7313	4483655.121	29
557138.7313	4483659.141	29
557138.7313	4483663.16	23
557138.7313	4483667.18	24
557138.7313	4483671.199	17
557138.7313	4483675.219	17
557138.7313	4483679.239	31
557138.7313	4483683.258	31
557138.7313	4483687.278	54
557138.7313	4483691.297	46
557138.7313	4483695.317	109
557138.7313	4483699.337	137
557138.7313	4483703.356	160
557138.7313	4483707.376	194
557138.7313	4483711.395	202
557138.7313	4483715.415	207
557138.7313	4483719.435	209
557138.7313	4483723.454	159
557138.7313	4483727.474	176
557138.7313	4483731.493	187
557138.7313	4483735.513	195
557138.7313	4483739.533	197
557138.7313	4483743.552	198
557138.7313	4483747.572	195
557138.7313	4483751.591	190
557138.7313	4483755.611	174
557138.7313	4483759.631	151
557138.7313	4483763.65	126
557138.7313	4483767.67	101

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557138.7313	4483771.689	66
557138.7313	4483775.709	44
557138.7313	4483779.729	34
557138.7313	4483783.748	33
557138.7313	4483787.768	34
557138.7313	4483791.787	32
557138.7313	4483795.807	30
557138.7313	4483799.827	32
557138.7313	4483803.846	31
557142.7384	4483434.043	3
557142.7384	4483438.062	3
557142.7384	4483442.082	5
557142.7384	4483446.102	2
557142.7384	4483450.121	2
557142.7384	4483454.141	14
557142.7384	4483458.16	14
557142.7384	4483462.18	14
557142.7384	4483466.2	15
557142.7384	4483470.219	14
557142.7384	4483474.239	15
557142.7384	4483478.258	14
557142.7384	4483482.278	22
557142.7384	4483486.298	22
557142.7384	4483490.317	23
557142.7384	4483494.337	29
557142.7384	4483498.356	30
557142.7384	4483502.376	32
557142.7384	4483506.396	33
557142.7384	4483510.415	36
557142.7384	4483514.435	45
557142.7384	4483518.454	46
557142.7384	4483522.474	47
557142.7384	4483526.494	48
557142.7384	4483530.513	48
557142.7384	4483534.533	48
557142.7384	4483538.552	56
557142.7384	4483546.592	33
557142.7384	4483550.611	46
557142.7384	4483554.631	47

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557142.7384	4483558.65	48
557142.7384	4483562.67	30
557142.7384	4483566.69	32
557142.7384	4483570.709	39
557142.7384	4483574.729	37
557142.7384	4483578.749	38
557142.7384	4483582.768	37
557142.7384	4483586.788	38
557142.7384	4483590.807	38
557142.7384	4483594.827	38
557142.7384	4483598.847	37
557142.7384	4483602.866	34
557142.7384	4483606.886	31
557142.7384	4483610.905	30
557142.7384	4483614.925	29
557142.7384	4483618.945	17
557142.7384	4483622.964	12
557142.7384	4483626.984	11
557142.7384	4483631.003	11
557142.7384	4483635.023	13
557142.7384	4483639.043	13
557142.7384	4483643.062	14
557142.7384	4483647.082	16
557142.7384	4483651.101	26
557142.7384	4483655.121	29
557142.7384	4483659.141	23
557142.7384	4483663.16	22
557142.7384	4483667.18	24
557142.7384	4483671.199	16
557142.7384	4483675.219	16
557142.7384	4483679.239	16
557142.7384	4483683.258	31
557142.7384	4483687.278	43
557142.7384	4483691.297	89
557142.7384	4483695.317	106
557142.7384	4483699.337	136
557142.7384	4483703.356	137
557142.7384	4483707.376	161
557142.7384	4483711.395	194

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557142.7384	4483715.415	152
557142.7384	4483719.435	149
557142.7384	4483723.454	160
557142.7384	4483727.474	182
557142.7384	4483731.493	199
557142.7384	4483735.513	208
557142.7384	4483739.533	215
557142.7384	4483743.552	222
557142.7384	4483747.572	225
557142.7384	4483751.591	217
557142.7384	4483755.611	199
557142.7384	4483759.631	173
557142.7384	4483763.65	138
557142.7384	4483767.67	120
557142.7384	4483771.689	89
557142.7384	4483775.709	63
557142.7384	4483779.729	47
557142.7384	4483783.748	39
557142.7384	4483787.768	35
557142.7384	4483791.787	31
557142.7384	4483795.807	30
557142.7384	4483799.827	30
557142.7384	4483803.846	32
557146.7455	4483438.062	3
557146.7455	4483442.082	3
557146.7455	4483446.102	3
557146.7455	4483450.121	3
557146.7455	4483454.141	14
557146.7455	4483458.16	14
557146.7455	4483462.18	14
557146.7455	4483466.2	12
557146.7455	4483470.219	13
557146.7455	4483474.239	13
557146.7455	4483478.258	14
557146.7455	4483482.278	15
557146.7455	4483486.298	16
557146.7455	4483490.317	26
557146.7455	4483494.337	24
557146.7455	4483498.356	25

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557146.7455	4483502.376	31
557146.7455	4483506.396	32
557146.7455	4483510.415	34
557146.7455	4483514.435	45
557146.7455	4483518.454	46
557146.7455	4483522.474	47
557146.7455	4483526.494	47
557146.7455	4483530.513	56
557146.7455	4483542.572	46
557146.7455	4483546.592	38
557146.7455	4483550.611	34
557146.7455	4483554.631	46
557146.7455	4483558.65	38
557146.7455	4483562.67	31
557146.7455	4483566.69	33
557146.7455	4483570.709	34
557146.7455	4483574.729	38
557146.7455	4483578.749	41
557146.7455	4483582.768	41
557146.7455	4483586.788	41
557146.7455	4483590.807	42
557146.7455	4483594.827	42
557146.7455	4483598.847	42
557146.7455	4483602.866	38
557146.7455	4483606.886	34
557146.7455	4483610.905	31
557146.7455	4483614.925	30
557146.7455	4483618.945	24
557146.7455	4483622.964	19
557146.7455	4483626.984	17
557146.7455	4483631.003	16
557146.7455	4483635.023	18
557146.7455	4483639.043	18
557146.7455	4483643.062	18
557146.7455	4483647.082	18
557146.7455	4483651.101	21
557146.7455	4483655.121	29
557146.7455	4483659.141	24
557146.7455	4483663.16	22

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557146.7455	4483667.18	15
557146.7455	4483671.199	15
557146.7455	4483675.219	16
557146.7455	4483679.239	16
557146.7455	4483683.258	16
557146.7455	4483687.278	34
557146.7455	4483691.297	85
557146.7455	4483695.317	104
557146.7455	4483699.337	105
557146.7455	4483703.356	133
557146.7455	4483707.376	125
557146.7455	4483711.395	128
557146.7455	4483715.415	135
557146.7455	4483719.435	143
557146.7455	4483723.454	159
557146.7455	4483727.474	179
557146.7455	4483731.493	201
557146.7455	4483735.513	220
557146.7455	4483739.533	234
557146.7455	4483743.552	250
557146.7455	4483747.572	254
557146.7455	4483751.591	247
557146.7455	4483755.611	227
557146.7455	4483759.631	201
557146.7455	4483763.65	166
557146.7455	4483767.67	137
557146.7455	4483771.689	108
557146.7455	4483775.709	82
557146.7455	4483779.729	62
557146.7455	4483783.748	46
557146.7455	4483787.768	35
557146.7455	4483791.787	31
557146.7455	4483795.807	31
557146.7455	4483799.827	33
557150.7526	4483458.16	2
557150.7526	4483462.18	12
557150.7526	4483466.2	12
557150.7526	4483470.219	13
557150.7526	4483474.239	13

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557150.7526	4483478.258	14
557150.7526	4483482.278	15
557150.7526	4483486.298	16
557150.7526	4483490.317	16
557150.7526	4483494.337	17
557150.7526	4483498.356	17
557150.7526	4483502.376	19
557150.7526	4483506.396	41
557150.7526	4483510.415	42
557150.7526	4483514.435	31
557150.7526	4483538.552	37
557150.7526	4483542.572	46
557150.7526	4483546.592	46
557150.7526	4483550.611	38
557150.7526	4483554.631	35
557150.7526	4483558.65	37
557150.7526	4483562.67	31
557150.7526	4483566.69	33
557150.7526	4483570.709	38
557150.7526	4483574.729	39
557150.7526	4483578.749	42
557150.7526	4483582.768	43
557150.7526	4483586.788	44
557150.7526	4483590.807	45
557150.7526	4483594.827	47
557150.7526	4483598.847	48
557150.7526	4483602.866	45
557150.7526	4483606.886	40
557150.7526	4483610.905	36
557150.7526	4483614.925	33
557150.7526	4483618.945	29
557150.7526	4483622.964	24
557150.7526	4483626.984	21
557150.7526	4483631.003	19
557150.7526	4483635.023	20
557150.7526	4483639.043	27
557150.7526	4483643.062	28
557150.7526	4483647.082	23
557150.7526	4483651.101	27

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557150.7526	4483655.121	25
557150.7526	4483659.141	25
557150.7526	4483663.16	13
557150.7526	4483667.18	14
557150.7526	4483671.199	15
557150.7526	4483675.219	15
557150.7526	4483679.239	15
557150.7526	4483687.278	55
557150.7526	4483691.297	83
557150.7526	4483695.317	83
557150.7526	4483699.337	101
557150.7526	4483703.356	103
557150.7526	4483707.376	120
557150.7526	4483711.395	116
557150.7526	4483715.415	124
557150.7526	4483719.435	139
557150.7526	4483723.454	155
557150.7526	4483727.474	178
557150.7526	4483731.493	204
557150.7526	4483735.513	229
557150.7526	4483739.533	250
557150.7526	4483743.552	272
557150.7526	4483747.572	284
557150.7526	4483751.591	281
557150.7526	4483755.611	255
557150.7526	4483759.631	224
557150.7526	4483763.65	190
557150.7526	4483767.67	157
557150.7526	4483771.689	125
557150.7526	4483775.709	97
557150.7526	4483779.729	73
557150.7526	4483783.748	52
557150.7526	4483787.768	35
557150.7526	4483791.787	26
557150.7526	4483795.807	31
557154.7597	4483470.219	2
557154.7597	4483474.239	14
557154.7597	4483478.258	14
557154.7597	4483482.278	15

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557154.7597	4483486.298	15
557154.7597	4483490.317	17
557154.7597	4483494.337	29
557154.7597	4483538.552	44
557154.7597	4483542.572	44
557154.7597	4483546.592	46
557154.7597	4483550.611	41
557154.7597	4483554.631	39
557154.7597	4483558.65	39
557154.7597	4483562.67	37
557154.7597	4483566.69	34
557154.7597	4483570.709	39
557154.7597	4483574.729	41
557154.7597	4483578.749	44
557154.7597	4483582.768	45
557154.7597	4483586.788	46
557154.7597	4483590.807	47
557154.7597	4483594.827	50
557154.7597	4483598.847	54
557154.7597	4483602.866	55
557154.7597	4483606.886	48
557154.7597	4483610.905	42
557154.7597	4483614.925	37
557154.7597	4483618.945	33
557154.7597	4483622.964	29
557154.7597	4483626.984	25
557154.7597	4483631.003	23
557154.7597	4483635.023	21
557154.7597	4483639.043	25
557154.7597	4483643.062	29
557154.7597	4483647.082	25
557154.7597	4483651.101	14
557154.7597	4483655.121	27
557154.7597	4483659.141	10
557154.7597	4483663.16	13
557154.7597	4483667.18	14
557154.7597	4483671.199	14
557154.7597	4483675.219	15
557154.7597	4483679.239	12

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557154.7597	4483683.258	15
557154.7597	4483687.278	30
557154.7597	4483691.297	53
557154.7597	4483695.317	53
557154.7597	4483699.337	80
557154.7597	4483703.356	117
557154.7597	4483707.376	110
557154.7597	4483711.395	98
557154.7597	4483715.415	109
557154.7597	4483719.435	124
557154.7597	4483723.454	149
557154.7597	4483727.474	173
557154.7597	4483731.493	201
557154.7597	4483735.513	229
557154.7597	4483739.533	257
557154.7597	4483743.552	286
557154.7597	4483747.572	311
557154.7597	4483751.591	319
557154.7597	4483755.611	292
557154.7597	4483759.631	249
557154.7597	4483763.65	211
557154.7597	4483767.67	175
557154.7597	4483771.689	141
557154.7597	4483775.709	111
557154.7597	4483779.729	83
557154.7597	4483783.748	58
557154.7597	4483787.768	37
557154.7597	4483791.787	15
557154.7597	4483795.807	11
557158.7667	4483534.533	32
557158.7667	4483538.552	33
557158.7667	4483542.572	33
557158.7667	4483546.592	44
557158.7667	4483550.611	41
557158.7667	4483554.631	39
557158.7667	4483558.65	40
557158.7667	4483562.67	41
557158.7667	4483566.69	34
557158.7667	4483570.709	39

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557158.7667	4483574.729	41
557158.7667	4483578.749	44
557158.7667	4483582.768	45
557158.7667	4483586.788	46
557158.7667	4483590.807	47
557158.7667	4483594.827	49
557158.7667	4483598.847	57
557158.7667	4483602.866	62
557158.7667	4483606.886	53
557158.7667	4483610.905	46
557158.7667	4483614.925	40
557158.7667	4483618.945	36
557158.7667	4483622.964	32
557158.7667	4483626.984	29
557158.7667	4483631.003	26
557158.7667	4483635.023	23
557158.7667	4483639.043	22
557158.7667	4483643.062	26
557158.7667	4483647.082	27
557158.7667	4483651.101	18
557158.7667	4483655.121	21
557158.7667	4483659.141	10
557158.7667	4483663.16	10
557158.7667	4483667.18	14
557158.7667	4483671.199	14
557158.7667	4483675.219	12
557158.7667	4483683.258	14
557158.7667	4483687.278	14
557158.7667	4483691.297	29
557158.7667	4483695.317	136
557158.7667	4483699.337	123
557158.7667	4483703.356	112
557158.7667	4483707.376	89
557158.7667	4483711.395	91
557158.7667	4483715.415	103
557158.7667	4483719.435	119
557158.7667	4483723.454	138
557158.7667	4483727.474	161
557158.7667	4483731.493	190

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557158.7667	4483735.513	222
557158.7667	4483739.533	255
557158.7667	4483743.552	289
557158.7667	4483747.572	322
557158.7667	4483751.591	344
557158.7667	4483755.611	310
557158.7667	4483759.631	265
557158.7667	4483763.65	225
557158.7667	4483767.67	188
557158.7667	4483771.689	154
557158.7667	4483775.709	122
557158.7667	4483779.729	91
557158.7667	4483783.748	62
557158.7667	4483787.768	41
557158.7667	4483791.787	21
557162.7738	4483530.513	32
557162.7738	4483534.533	34
557162.7738	4483538.552	34
557162.7738	4483542.572	33
557162.7738	4483546.592	42
557162.7738	4483550.611	45
557162.7738	4483554.631	41
557162.7738	4483558.65	39
557162.7738	4483562.67	41
557162.7738	4483566.69	37
557162.7738	4483570.709	38
557162.7738	4483574.729	41
557162.7738	4483578.749	44
557162.7738	4483582.768	46
557162.7738	4483586.788	47
557162.7738	4483590.807	45
557162.7738	4483594.827	41
557162.7738	4483598.847	40
557162.7738	4483602.866	52
557162.7738	4483606.886	50
557162.7738	4483610.905	46
557162.7738	4483614.925	41
557162.7738	4483618.945	38
557162.7738	4483622.964	35

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557162.7738	4483626.984	32
557162.7738	4483631.003	29
557162.7738	4483635.023	26
557162.7738	4483639.043	24
557162.7738	4483643.062	28
557162.7738	4483647.082	25
557162.7738	4483651.101	16
557162.7738	4483655.121	13
557162.7738	4483659.141	1
557162.7738	4483663.16	11
557162.7738	4483667.18	11
557162.7738	4483687.278	14
557162.7738	4483691.297	13
557162.7738	4483695.317	122
557162.7738	4483699.337	115
557162.7738	4483703.356	77
557162.7738	4483707.376	76
557162.7738	4483711.395	83
557162.7738	4483715.415	89
557162.7738	4483719.435	103
557162.7738	4483723.454	121
557162.7738	4483727.474	145
557162.7738	4483731.493	175
557162.7738	4483735.513	206
557162.7738	4483739.533	240
557162.7738	4483743.552	277
557162.7738	4483747.572	306
557162.7738	4483751.591	315
557162.7738	4483755.611	294
557162.7738	4483759.631	261
557162.7738	4483763.65	226
557162.7738	4483767.67	192
557162.7738	4483771.689	160
557162.7738	4483775.709	129
557162.7738	4483779.729	100
557162.7738	4483783.748	73
557162.7738	4483787.768	48
557166.7809	4483526.494	31
557166.7809	4483530.513	34

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557166.7809	4483534.533	34
557166.7809	4483538.552	34
557166.7809	4483542.572	34
557166.7809	4483546.592	42
557166.7809	4483550.611	41
557166.7809	4483554.631	39
557166.7809	4483558.65	77
557166.7809	4483562.67	74
557166.7809	4483566.69	40
557166.7809	4483570.709	38
557166.7809	4483574.729	40
557166.7809	4483578.749	43
557166.7809	4483582.768	46
557166.7809	4483586.788	49
557166.7809	4483590.807	49
557166.7809	4483594.827	38
557166.7809	4483598.847	35
557166.7809	4483602.866	43
557166.7809	4483606.886	45
557166.7809	4483610.905	44
557166.7809	4483614.925	41
557166.7809	4483618.945	40
557166.7809	4483622.964	38
557166.7809	4483626.984	36
557166.7809	4483631.003	32
557166.7809	4483635.023	31
557166.7809	4483639.043	29
557166.7809	4483643.062	22
557166.7809	4483647.082	28
557166.7809	4483651.101	17
557166.7809	4483655.121	14
557166.7809	4483659.141	13
557166.7809	4483663.16	1
557166.7809	4483691.297	93
557166.7809	4483695.317	98
557166.7809	4483699.337	100
557166.7809	4483703.356	67
557166.7809	4483707.376	69
557166.7809	4483711.395	69

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557166.7809	4483715.415	74
557166.7809	4483719.435	86
557166.7809	4483723.454	102
557166.7809	4483727.474	123
557166.7809	4483731.493	151
557166.7809	4483735.513	181
557166.7809	4483739.533	213
557166.7809	4483743.552	245
557166.7809	4483747.572	273
557166.7809	4483751.591	278
557166.7809	4483755.611	268
557166.7809	4483759.631	245
557166.7809	4483763.65	218
557166.7809	4483767.67	190
557166.7809	4483771.689	161
557166.7809	4483775.709	132
557166.7809	4483779.729	105
557166.7809	4483783.748	79
557170.788	4483526.494	34
557170.788	4483530.513	38
557170.788	4483534.533	38
557170.788	4483538.552	38
557170.788	4483542.572	34
557170.788	4483546.592	42
557170.788	4483550.611	41
557170.788	4483554.631	36
557170.788	4483558.65	74
557170.788	4483562.67	72
557170.788	4483566.69	68
557170.788	4483570.709	64
557170.788	4483574.729	56
557170.788	4483578.749	54
557170.788	4483582.768	45
557170.788	4483586.788	51
557170.788	4483590.807	58
557170.788	4483594.827	52
557170.788	4483598.847	43
557170.788	4483602.866	42
557170.788	4483606.886	43

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557170.788	4483610.905	42
557170.788	4483614.925	40
557170.788	4483618.945	37
557170.788	4483622.964	38
557170.788	4483626.984	37
557170.788	4483631.003	35
557170.788	4483635.023	32
557170.788	4483639.043	29
557170.788	4483643.062	27
557170.788	4483647.082	31
557170.788	4483651.101	22
557170.788	4483655.121	15
557170.788	4483659.141	14
557170.788	4483687.278	70
557170.788	4483691.297	85
557170.788	4483695.317	88
557170.788	4483699.337	89
557170.788	4483703.356	65
557170.788	4483707.376	55
557170.788	4483711.395	54
557170.788	4483715.415	56
557170.788	4483719.435	65
557170.788	4483723.454	77
557170.788	4483727.474	94
557170.788	4483731.493	119
557170.788	4483735.513	150
557170.788	4483739.533	184
557170.788	4483743.552	209
557170.788	4483747.572	234
557170.788	4483751.591	242
557170.788	4483755.611	239
557170.788	4483759.631	223
557170.788	4483763.65	204
557170.788	4483767.67	181
557170.788	4483771.689	156
557170.788	4483775.709	134
557170.788	4483779.729	109
557170.788	4483783.748	86
557174.7951	4483522.474	34

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557174.7951	4483526.494	41
557174.7951	4483530.513	38
557174.7951	4483534.533	38
557174.7951	4483538.552	48
557174.7951	4483542.572	38
557174.7951	4483546.592	43
557174.7951	4483550.611	42
557174.7951	4483554.631	38
557174.7951	4483558.65	71
557174.7951	4483562.67	61
557174.7951	4483566.69	57
557174.7951	4483570.709	56
557174.7951	4483574.729	51
557174.7951	4483578.749	46
557174.7951	4483582.768	40
557174.7951	4483586.788	45
557174.7951	4483590.807	61
557174.7951	4483594.827	54
557174.7951	4483598.847	47
557174.7951	4483602.866	43
557174.7951	4483606.886	42
557174.7951	4483610.905	41
557174.7951	4483614.925	38
557174.7951	4483618.945	33
557174.7951	4483622.964	31
557174.7951	4483626.984	28
557174.7951	4483631.003	28
557174.7951	4483635.023	24
557174.7951	4483639.043	28
557174.7951	4483643.062	28
557174.7951	4483647.082	31
557174.7951	4483651.101	22
557174.7951	4483655.121	22
557174.7951	4483659.141	14
557174.7951	4483683.258	39
557174.7951	4483687.278	66
557174.7951	4483691.297	74
557174.7951	4483695.317	81
557174.7951	4483699.337	79

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557174.7951	4483703.356	55
557174.7951	4483707.376	44
557174.7951	4483711.395	43
557174.7951	4483715.415	44
557174.7951	4483719.435	46
557174.7951	4483723.454	51
557174.7951	4483727.474	60
557174.7951	4483731.493	79
557174.7951	4483735.513	114
557174.7951	4483739.533	147
557174.7951	4483743.552	175
557174.7951	4483747.572	197
557174.7951	4483751.591	206
557174.7951	4483755.611	207
557174.7951	4483759.631	199
557174.7951	4483763.65	186
557174.7951	4483767.67	169
557174.7951	4483771.689	149
557174.7951	4483775.709	130
557174.7951	4483779.729	111
557178.8022	4483522.474	39
557178.8022	4483526.494	139
557178.8022	4483530.513	40
557178.8022	4483534.533	50
557178.8022	4483538.552	48
557178.8022	4483542.572	37
557178.8022	4483546.592	37
557178.8022	4483550.611	43
557178.8022	4483554.631	75
557178.8022	4483558.65	67
557178.8022	4483562.67	59
557178.8022	4483566.69	52
557178.8022	4483570.709	50
557178.8022	4483574.729	44
557178.8022	4483578.749	39
557178.8022	4483582.768	34
557178.8022	4483586.788	32
557178.8022	4483590.807	39
557178.8022	4483594.827	46

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557178.8022	4483598.847	44
557178.8022	4483602.866	42
557178.8022	4483606.886	39
557178.8022	4483610.905	37
557178.8022	4483614.925	34
557178.8022	4483618.945	33
557178.8022	4483622.964	31
557178.8022	4483626.984	28
557178.8022	4483631.003	27
557178.8022	4483635.023	28
557178.8022	4483639.043	25
557178.8022	4483643.062	15
557178.8022	4483647.082	14
557178.8022	4483651.101	31
557178.8022	4483655.121	23
557178.8022	4483679.239	23
557178.8022	4483683.258	35
557178.8022	4483687.278	48
557178.8022	4483691.297	66
557178.8022	4483695.317	67
557178.8022	4483699.337	70
557178.8022	4483703.356	45
557178.8022	4483707.376	37
557178.8022	4483711.395	32
557178.8022	4483715.415	29
557178.8022	4483719.435	27
557178.8022	4483723.454	25
557178.8022	4483727.474	26
557178.8022	4483731.493	38
557178.8022	4483735.513	71
557178.8022	4483739.533	109
557178.8022	4483743.552	140
557178.8022	4483747.572	164
557178.8022	4483751.591	174
557178.8022	4483755.611	178
557178.8022	4483759.631	175
557178.8022	4483763.65	166
557178.8022	4483767.67	155
557178.8022	4483771.689	140

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557178.8022	4483775.709	127
557182.8092	4483518.454	148
557182.8092	4483522.474	154
557182.8092	4483526.494	153
557182.8092	4483530.513	123
557182.8092	4483534.533	40
557182.8092	4483538.552	48
557182.8092	4483542.572	38
557182.8092	4483546.592	37
557182.8092	4483550.611	43
557182.8092	4483554.631	76
557182.8092	4483558.65	74
557182.8092	4483562.67	64
557182.8092	4483566.69	55
557182.8092	4483570.709	50
557182.8092	4483574.729	41
557182.8092	4483578.749	35
557182.8092	4483582.768	32
557182.8092	4483586.788	32
557182.8092	4483590.807	35
557182.8092	4483594.827	40
557182.8092	4483598.847	39
557182.8092	4483602.866	38
557182.8092	4483606.886	37
557182.8092	4483610.905	36
557182.8092	4483614.925	34
557182.8092	4483618.945	31
557182.8092	4483622.964	28
557182.8092	4483626.984	26
557182.8092	4483631.003	28
557182.8092	4483635.023	26
557182.8092	4483639.043	29
557182.8092	4483643.062	21
557182.8092	4483647.082	21
557182.8092	4483651.101	13
557182.8092	4483679.239	20
557182.8092	4483683.258	30
557182.8092	4483687.278	40
557182.8092	4483691.297	45

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557182.8092	4483695.317	48
557182.8092	4483699.337	49
557182.8092	4483703.356	32
557182.8092	4483707.376	25
557182.8092	4483711.395	19
557182.8092	4483715.415	16
557182.8092	4483719.435	12
557182.8092	4483723.454	7
557182.8092	4483727.474	2
557182.8092	4483731.493	11
557182.8092	4483735.513	46
557182.8092	4483739.533	81
557182.8092	4483743.552	111
557182.8092	4483747.572	133
557182.8092	4483751.591	142
557182.8092	4483755.611	150
557182.8092	4483759.631	152
557182.8092	4483763.65	149
557182.8092	4483767.67	143
557182.8092	4483771.689	132
557186.8163	4483518.454	149
557186.8163	4483522.474	149
557186.8163	4483526.494	145
557186.8163	4483530.513	137
557186.8163	4483534.533	120
557186.8163	4483538.552	120
557186.8163	4483542.572	47
557186.8163	4483546.592	38
557186.8163	4483550.611	43
557186.8163	4483554.631	86
557186.8163	4483558.65	85
557186.8163	4483562.67	72
557186.8163	4483566.69	60
557186.8163	4483570.709	45
557186.8163	4483574.729	39
557186.8163	4483578.749	34
557186.8163	4483582.768	31
557186.8163	4483586.788	32
557186.8163	4483590.807	35

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557186.8163	4483594.827	36
557186.8163	4483598.847	36
557186.8163	4483602.866	35
557186.8163	4483606.886	34
557186.8163	4483610.905	33
557186.8163	4483614.925	32
557186.8163	4483618.945	31
557186.8163	4483622.964	33
557186.8163	4483626.984	30
557186.8163	4483631.003	29
557186.8163	4483635.023	28
557186.8163	4483639.043	31
557186.8163	4483643.062	27
557186.8163	4483647.082	20
557186.8163	4483679.239	20
557186.8163	4483683.258	29
557186.8163	4483687.278	37
557186.8163	4483691.297	37
557186.8163	4483695.317	43
557186.8163	4483699.337	32
557186.8163	4483703.356	20
557186.8163	4483707.376	15
557186.8163	4483711.395	7
557186.8163	4483715.415	3
557186.8163	4483719.435	1
557186.8163	4483731.493	11
557186.8163	4483735.513	35
557186.8163	4483739.533	62
557186.8163	4483743.552	88
557186.8163	4483747.572	108
557186.8163	4483751.591	116
557186.8163	4483755.611	132
557186.8163	4483759.631	130
557186.8163	4483763.65	129
557186.8163	4483767.67	128
557186.8163	4483771.689	122
557190.8234	4483514.435	270
557190.8234	4483518.454	154
557190.8234	4483522.474	153

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557190.8234	4483526.494	143
557190.8234	4483530.513	143
557190.8234	4483534.533	136
557190.8234	4483538.552	136
557190.8234	4483542.572	126
557190.8234	4483546.592	108
557190.8234	4483550.611	99
557190.8234	4483554.631	97
557190.8234	4483558.65	82
557190.8234	4483562.67	67
557190.8234	4483566.69	53
557190.8234	4483570.709	41
557190.8234	4483574.729	37
557190.8234	4483578.749	38
557190.8234	4483582.768	30
557190.8234	4483586.788	30
557190.8234	4483590.807	28
557190.8234	4483594.827	31
557190.8234	4483598.847	34
557190.8234	4483602.866	36
557190.8234	4483606.886	29
557190.8234	4483610.905	27
557190.8234	4483614.925	27
557190.8234	4483618.945	26
557190.8234	4483622.964	29
557190.8234	4483626.984	28
557190.8234	4483631.003	26
557190.8234	4483635.023	24
557190.8234	4483639.043	25
557190.8234	4483643.062	29
557190.8234	4483647.082	29
557190.8234	4483679.239	9
557190.8234	4483683.258	28
557190.8234	4483687.278	35
557190.8234	4483691.297	35
557190.8234	4483695.317	25
557190.8234	4483699.337	17
557190.8234	4483703.356	12
557190.8234	4483707.376	4

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557190.8234	4483727.474	4
557190.8234	4483731.493	13
557190.8234	4483735.513	30
557190.8234	4483739.533	50
557190.8234	4483743.552	80
557190.8234	4483747.572	100
557190.8234	4483751.591	106
557190.8234	4483755.611	113
557190.8234	4483759.631	121
557190.8234	4483763.65	109
557190.8234	4483767.67	114
557194.8305	4483510.415	270
557194.8305	4483514.435	175
557194.8305	4483518.454	176
557194.8305	4483522.474	157
557194.8305	4483526.494	154
557194.8305	4483530.513	150
557194.8305	4483534.533	144
557194.8305	4483538.552	141
557194.8305	4483542.572	132
557194.8305	4483546.592	124
557194.8305	4483550.611	113
557194.8305	4483554.631	104
557194.8305	4483558.65	86
557194.8305	4483562.67	67
557194.8305	4483566.69	50
557194.8305	4483570.709	37
557194.8305	4483574.729	30
557194.8305	4483578.749	30
557194.8305	4483582.768	29
557194.8305	4483586.788	26
557194.8305	4483590.807	26
557194.8305	4483594.827	27
557194.8305	4483598.847	33
557194.8305	4483602.866	39
557194.8305	4483606.886	39
557194.8305	4483610.905	27
557194.8305	4483614.925	26
557194.8305	4483618.945	27

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557194.8305	4483622.964	26
557194.8305	4483626.984	24
557194.8305	4483631.003	24
557194.8305	4483635.023	24
557194.8305	4483639.043	22
557194.8305	4483643.062	31
557194.8305	4483647.082	11
557194.8305	4483651.101	6
557194.8305	4483655.121	6
557194.8305	4483679.239	9
557194.8305	4483683.258	16
557194.8305	4483687.278	21
557194.8305	4483691.297	16
557194.8305	4483695.317	13
557194.8305	4483699.337	6
557194.8305	4483723.454	5
557194.8305	4483727.474	11
557194.8305	4483731.493	21
557194.8305	4483735.513	37
557194.8305	4483739.533	56
557194.8305	4483743.552	73
557194.8305	4483747.572	90
557194.8305	4483751.591	103
557194.8305	4483755.611	102
557194.8305	4483759.631	107
557194.8305	4483763.65	115
557198.8376	4483510.415	284
557198.8376	4483514.435	214
557198.8376	4483518.454	172
557198.8376	4483522.474	173
557198.8376	4483526.494	169
557198.8376	4483530.513	159
557198.8376	4483534.533	155
557198.8376	4483538.552	149
557198.8376	4483542.572	147
557198.8376	4483546.592	139
557198.8376	4483550.611	126
557198.8376	4483554.631	113
557198.8376	4483558.65	91

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557198.8376	4483562.67	69
557198.8376	4483566.69	49
557198.8376	4483570.709	35
557198.8376	4483574.729	28
557198.8376	4483578.749	28
557198.8376	4483582.768	26
557198.8376	4483586.788	25
557198.8376	4483590.807	24
557198.8376	4483594.827	25
557198.8376	4483598.847	30
557198.8376	4483602.866	34
557198.8376	4483606.886	36
557198.8376	4483610.905	25
557198.8376	4483614.925	23
557198.8376	4483618.945	22
557198.8376	4483622.964	23
557198.8376	4483626.984	20
557198.8376	4483631.003	20
557198.8376	4483635.023	21
557198.8376	4483639.043	22
557198.8376	4483643.062	9
557198.8376	4483647.082	10
557198.8376	4483651.101	4
557198.8376	4483655.121	5
557198.8376	4483659.141	5
557198.8376	4483683.258	16
557198.8376	4483687.278	12
557198.8376	4483691.297	13
557198.8376	4483695.317	4
557198.8376	4483719.435	5
557198.8376	4483723.454	11
557198.8376	4483727.474	19
557198.8376	4483731.493	31
557198.8376	4483735.513	45
557198.8376	4483739.533	61
557198.8376	4483743.552	76
557198.8376	4483747.572	90
557198.8376	4483751.591	99
557198.8376	4483755.611	105

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557198.8376	4483759.631	97
557198.8376	4483763.65	100
557202.8446	4483506.396	269
557202.8446	4483510.415	325
557202.8446	4483514.435	215
557202.8446	4483518.454	205
557202.8446	4483522.474	201
557202.8446	4483526.494	176
557202.8446	4483530.513	175
557202.8446	4483534.533	171
557202.8446	4483538.552	170
557202.8446	4483542.572	162
557202.8446	4483546.592	155
557202.8446	4483550.611	142
557202.8446	4483554.631	125
557202.8446	4483558.65	102
557202.8446	4483562.67	76
557202.8446	4483566.69	51
557202.8446	4483570.709	35
557202.8446	4483574.729	30
557202.8446	4483578.749	29
557202.8446	4483582.768	28
557202.8446	4483586.788	27
557202.8446	4483590.807	27
557202.8446	4483594.827	27
557202.8446	4483598.847	25
557202.8446	4483602.866	29
557202.8446	4483606.886	35
557202.8446	4483610.905	25
557202.8446	4483614.925	23
557202.8446	4483618.945	19
557202.8446	4483622.964	18
557202.8446	4483626.984	13
557202.8446	4483631.003	17
557202.8446	4483635.023	18
557202.8446	4483639.043	17
557202.8446	4483643.062	7
557202.8446	4483647.082	8
557202.8446	4483651.101	3

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557202.8446	4483655.121	4
557202.8446	4483659.141	4
557202.8446	4483663.16	5
557202.8446	4483683.258	8
557202.8446	4483687.278	13
557202.8446	4483691.297	5
557202.8446	4483715.415	5
557202.8446	4483719.435	12
557202.8446	4483723.454	20
557202.8446	4483727.474	28
557202.8446	4483731.493	41
557202.8446	4483735.513	52
557202.8446	4483739.533	66
557202.8446	4483743.552	80
557202.8446	4483747.572	92
557202.8446	4483751.591	99
557202.8446	4483755.611	105
557202.8446	4483759.631	105
557206.8517	4483510.415	324
557206.8517	4483514.435	216
557206.8517	4483518.454	214
557206.8517	4483522.474	208
557206.8517	4483526.494	209
557206.8517	4483530.513	204
557206.8517	4483534.533	200
557206.8517	4483538.552	193
557206.8517	4483542.572	188
557206.8517	4483546.592	179
557206.8517	4483550.611	165
557206.8517	4483554.631	145
557206.8517	4483558.65	120
557206.8517	4483562.67	89
557206.8517	4483566.69	58
557206.8517	4483570.709	39
557206.8517	4483574.729	38
557206.8517	4483578.749	36
557206.8517	4483582.768	36
557206.8517	4483586.788	36
557206.8517	4483590.807	36

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557206.8517	4483594.827	36
557206.8517	4483598.847	30
557206.8517	4483602.866	27
557206.8517	4483606.886	32
557206.8517	4483610.905	33
557206.8517	4483614.925	20
557206.8517	4483618.945	19
557206.8517	4483622.964	15
557206.8517	4483626.984	11
557206.8517	4483631.003	10
557206.8517	4483635.023	10
557206.8517	4483639.043	6
557206.8517	4483643.062	7
557206.8517	4483647.082	2
557206.8517	4483651.101	3
557206.8517	4483655.121	3
557206.8517	4483659.141	4
557206.8517	4483663.16	4
557206.8517	4483667.18	5
557206.8517	4483683.258	14
557206.8517	4483687.278	8
557206.8517	4483691.297	2
557206.8517	4483711.395	4
557206.8517	4483715.415	13
557206.8517	4483719.435	21
557206.8517	4483723.454	30
557206.8517	4483727.474	41
557206.8517	4483731.493	53
557206.8517	4483735.513	66
557206.8517	4483739.533	79
557206.8517	4483743.552	91
557206.8517	4483747.572	101
557206.8517	4483751.591	103
557206.8517	4483755.611	106
557210.8588	4483514.435	219
557210.8588	4483518.454	219
557210.8588	4483522.474	219
557210.8588	4483526.494	218
557210.8588	4483530.513	215

Anomaly Density Estimate for DSA 1
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X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557210.8588	4483534.533	216
557210.8588	4483538.552	215
557210.8588	4483542.572	210
557210.8588	4483546.592	203
557210.8588	4483550.611	191
557210.8588	4483554.631	172
557210.8588	4483558.65	147
557210.8588	4483562.67	114
557210.8588	4483566.69	76
557210.8588	4483570.709	53
557210.8588	4483574.729	51
557210.8588	4483578.749	49
557210.8588	4483582.768	47
557210.8588	4483586.788	43
557210.8588	4483590.807	42
557210.8588	4483594.827	39
557210.8588	4483598.847	41
557210.8588	4483602.866	34
557210.8588	4483606.886	28
557210.8588	4483610.905	27
557210.8588	4483614.925	17
557210.8588	4483618.945	11
557210.8588	4483622.964	10
557210.8588	4483626.984	4
557210.8588	4483631.003	8
557210.8588	4483635.023	5
557210.8588	4483639.043	6
557210.8588	4483643.062	6
557210.8588	4483647.082	2
557210.8588	4483651.101	3
557210.8588	4483655.121	3
557210.8588	4483659.141	3
557210.8588	4483663.16	4
557210.8588	4483667.18	4
557210.8588	4483679.239	11
557210.8588	4483683.258	15
557210.8588	4483687.278	6
557210.8588	4483691.297	1
557210.8588	4483707.376	2

Anomaly Density Estimate for DSA 1
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X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557210.8588	4483711.395	12
557210.8588	4483715.415	23
557210.8588	4483719.435	33
557210.8588	4483723.454	43
557210.8588	4483727.474	56
557210.8588	4483731.493	68
557210.8588	4483735.513	85
557210.8588	4483739.533	93
557210.8588	4483743.552	103
557210.8588	4483747.572	110
557210.8588	4483751.591	114
557214.8659	4483518.454	225
557214.8659	4483522.474	227
557214.8659	4483526.494	228
557214.8659	4483530.513	226
557214.8659	4483534.533	230
557214.8659	4483538.552	231
557214.8659	4483542.572	230
557214.8659	4483546.592	227
557214.8659	4483550.611	220
557214.8659	4483554.631	206
557214.8659	4483558.65	183
557214.8659	4483562.67	151
557214.8659	4483566.69	116
557214.8659	4483570.709	93
557214.8659	4483574.729	78
557214.8659	4483578.749	68
557214.8659	4483582.768	60
557214.8659	4483586.788	55
557214.8659	4483590.807	49
557214.8659	4483594.827	44
557214.8659	4483598.847	43
557214.8659	4483602.866	35
557214.8659	4483606.886	29
557214.8659	4483610.905	29
557214.8659	4483614.925	13
557214.8659	4483618.945	6
557214.8659	4483622.964	5
557214.8659	4483626.984	5

Anomaly Density Estimate for DSA 1
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X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557214.8659	4483631.003	3
557214.8659	4483635.023	4
557214.8659	4483639.043	5
557214.8659	4483643.062	6
557214.8659	4483647.082	3
557214.8659	4483651.101	3
557214.8659	4483655.121	3
557214.8659	4483659.141	3
557214.8659	4483663.16	4
557214.8659	4483667.18	4
557214.8659	4483671.199	4
557214.8659	4483679.239	13
557214.8659	4483683.258	11
557214.8659	4483687.278	7
557214.8659	4483691.297	3
557214.8659	4483695.317	1
557214.8659	4483703.356	1
557214.8659	4483707.376	11
557214.8659	4483711.395	23
557214.8659	4483715.415	35
557214.8659	4483719.435	46
557214.8659	4483723.454	58
557214.8659	4483727.474	71
557214.8659	4483731.493	86
557214.8659	4483735.513	99
557214.8659	4483739.533	107
557214.8659	4483743.552	115
557214.8659	4483747.572	115
557214.8659	4483751.591	84
557218.873	4483526.494	242
557218.873	4483530.513	243
557218.873	4483534.533	244
557218.873	4483538.552	248
557218.873	4483542.572	250
557218.873	4483546.592	251
557218.873	4483550.611	250
557218.873	4483554.631	246
557218.873	4483558.65	226
557218.873	4483562.67	193

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557218.873	4483566.69	160
557218.873	4483570.709	129
557218.873	4483574.729	109
557218.873	4483578.749	90
557218.873	4483582.768	77
557218.873	4483586.788	66
557218.873	4483590.807	57
557218.873	4483594.827	49
557218.873	4483598.847	48
557218.873	4483602.866	45
557218.873	4483606.886	28
557218.873	4483610.905	27
557218.873	4483614.925	11
557218.873	4483618.945	6
557218.873	4483622.964	4
557218.873	4483631.003	2
557218.873	4483635.023	3
557218.873	4483639.043	4
557218.873	4483643.062	6
557218.873	4483647.082	3
557218.873	4483651.101	4
557218.873	4483655.121	4
557218.873	4483659.141	4
557218.873	4483663.16	4
557218.873	4483667.18	4
557218.873	4483671.199	4
557218.873	4483675.219	14
557218.873	4483679.239	6
557218.873	4483683.258	9
557218.873	4483687.278	6
557218.873	4483691.297	5
557218.873	4483695.317	4
557218.873	4483699.337	6
557218.873	4483703.356	11
557218.873	4483707.376	21
557218.873	4483711.395	35
557218.873	4483715.415	48
557218.873	4483719.435	62
557218.873	4483723.454	76

Anomaly Density Estimate for DSA 1
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X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557218.873	4483727.474	87
557218.873	4483731.493	102
557218.873	4483735.513	112
557218.873	4483739.533	119
557218.873	4483743.552	124
557218.873	4483747.572	94
557222.88	4483530.513	255
557222.88	4483534.533	262
557222.88	4483538.552	267
557222.88	4483542.572	270
557222.88	4483546.592	271
557222.88	4483550.611	274
557222.88	4483554.631	284
557222.88	4483558.65	269
557222.88	4483562.67	230
557222.88	4483566.69	196
557222.88	4483570.709	163
557222.88	4483574.729	137
557222.88	4483578.749	115
557222.88	4483582.768	98
557222.88	4483586.788	83
557222.88	4483590.807	70
557222.88	4483594.827	56
557222.88	4483598.847	51
557222.88	4483602.866	45
557222.88	4483606.886	31
557222.88	4483610.905	25
557222.88	4483614.925	11
557222.88	4483618.945	5
557222.88	4483622.964	3
557222.88	4483631.003	1
557222.88	4483635.023	3
557222.88	4483639.043	4
557222.88	4483643.062	6
557222.88	4483647.082	4
557222.88	4483651.101	4
557222.88	4483655.121	5
557222.88	4483659.141	5
557222.88	4483663.16	5

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557222.88	4483667.18	5
557222.88	4483671.199	4
557222.88	4483675.219	9
557222.88	4483679.239	8
557222.88	4483683.258	12
557222.88	4483687.278	10
557222.88	4483691.297	9
557222.88	4483695.317	11
557222.88	4483699.337	15
557222.88	4483703.356	22
557222.88	4483707.376	32
557222.88	4483711.395	46
557222.88	4483715.415	62
557222.88	4483719.435	78
557222.88	4483723.454	92
557222.88	4483727.474	105
557222.88	4483731.493	117
557222.88	4483735.513	125
557222.88	4483739.533	128
557222.88	4483743.552	111
557226.8871	4483534.533	275
557226.8871	4483538.552	282
557226.8871	4483542.572	285
557226.8871	4483546.592	284
557226.8871	4483550.611	281
557226.8871	4483554.631	283
557226.8871	4483558.65	278
557226.8871	4483562.67	252
557226.8871	4483566.69	224
557226.8871	4483570.709	189
557226.8871	4483574.729	161
557226.8871	4483578.749	138
557226.8871	4483582.768	116
557226.8871	4483586.788	97
557226.8871	4483590.807	80
557226.8871	4483594.827	68
557226.8871	4483598.847	58
557226.8871	4483602.866	49
557226.8871	4483606.886	34

Anomaly Density Estimate for DSA 1
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Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557226.8871	4483610.905	16
557226.8871	4483614.925	11
557226.8871	4483618.945	5
557226.8871	4483631.003	1
557226.8871	4483635.023	3
557226.8871	4483639.043	5
557226.8871	4483643.062	7
557226.8871	4483647.082	8
557226.8871	4483651.101	5
557226.8871	4483655.121	6
557226.8871	4483659.141	6
557226.8871	4483663.16	5
557226.8871	4483667.18	6
557226.8871	4483671.199	9
557226.8871	4483675.219	9
557226.8871	4483679.239	6
557226.8871	4483683.258	6
557226.8871	4483687.278	13
557226.8871	4483691.297	14
557226.8871	4483695.317	17
557226.8871	4483699.337	22
557226.8871	4483703.356	31
557226.8871	4483707.376	41
557226.8871	4483711.395	55
557226.8871	4483715.415	73
557226.8871	4483719.435	91
557226.8871	4483723.454	108
557226.8871	4483727.474	122
557226.8871	4483731.493	132
557226.8871	4483735.513	139
557226.8871	4483739.533	129
557230.8942	4483538.552	298
557230.8942	4483542.572	302
557230.8942	4483546.592	298
557230.8942	4483550.611	283
557230.8942	4483554.631	269
557230.8942	4483558.65	276
557230.8942	4483562.67	265
557230.8942	4483566.69	244

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557230.8942	4483570.709	208
557230.8942	4483574.729	177
557230.8942	4483578.749	151
557230.8942	4483582.768	127
557230.8942	4483586.788	105
557230.8942	4483590.807	89
557230.8942	4483594.827	72
557230.8942	4483598.847	58
557230.8942	4483602.866	47
557230.8942	4483606.886	40
557230.8942	4483610.905	16
557230.8942	4483614.925	12
557230.8942	4483618.945	7
557230.8942	4483631.003	2
557230.8942	4483635.023	4
557230.8942	4483639.043	5
557230.8942	4483643.062	5
557230.8942	4483647.082	5
557230.8942	4483651.101	3
557230.8942	4483655.121	2
557230.8942	4483659.141	1
557230.8942	4483663.16	7
557230.8942	4483667.18	6
557230.8942	4483671.199	13
557230.8942	4483675.219	13
557230.8942	4483679.239	8
557230.8942	4483683.258	8
557230.8942	4483687.278	14
557230.8942	4483691.297	18
557230.8942	4483695.317	21
557230.8942	4483699.337	32
557230.8942	4483703.356	38
557230.8942	4483707.376	47
557230.8942	4483711.395	61
557230.8942	4483715.415	79
557230.8942	4483719.435	100
557230.8942	4483723.454	120
557230.8942	4483727.474	139
557230.8942	4483731.493	149

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557230.8942	4483735.513	147
557230.8942	4483739.533	139
557234.9013	4483542.572	321
557234.9013	4483546.592	323
557234.9013	4483550.611	310
557234.9013	4483554.631	296
557234.9013	4483558.65	293
557234.9013	4483562.67	280
557234.9013	4483566.69	262
557234.9013	4483570.709	220
557234.9013	4483574.729	191
557234.9013	4483578.749	164
557234.9013	4483582.768	139
557234.9013	4483586.788	118
557234.9013	4483590.807	96
557234.9013	4483594.827	78
557234.9013	4483598.847	62
557234.9013	4483602.866	50
557234.9013	4483606.886	41
557234.9013	4483610.905	25
557234.9013	4483614.925	17
557234.9013	4483618.945	13
557234.9013	4483622.964	4
557234.9013	4483626.984	5
557234.9013	4483631.003	8
557234.9013	4483635.023	9
557234.9013	4483639.043	8
557234.9013	4483643.062	8
557234.9013	4483647.082	7
557234.9013	4483651.101	5
557234.9013	4483655.121	4
557234.9013	4483659.141	3
557234.9013	4483663.16	2
557234.9013	4483667.18	18
557234.9013	4483671.199	15
557234.9013	4483675.219	14
557234.9013	4483679.239	11
557234.9013	4483683.258	9
557234.9013	4483687.278	14

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557234.9013	4483691.297	18
557234.9013	4483695.317	23
557234.9013	4483699.337	37
557234.9013	4483703.356	43
557234.9013	4483707.376	51
557234.9013	4483711.395	64
557234.9013	4483715.415	81
557234.9013	4483719.435	102
557234.9013	4483723.454	126
557234.9013	4483727.474	151
557234.9013	4483731.493	165
557234.9013	4483735.513	155
557238.9084	4483550.611	369
557238.9084	4483554.631	345
557238.9084	4483558.65	318
557238.9084	4483562.67	297
557238.9084	4483566.69	264
557238.9084	4483570.709	230
557238.9084	4483574.729	201
557238.9084	4483578.749	173
557238.9084	4483582.768	149
557238.9084	4483586.788	124
557238.9084	4483590.807	102
557238.9084	4483594.827	82
557238.9084	4483598.847	65
557238.9084	4483602.866	52
557238.9084	4483606.886	43
557238.9084	4483610.905	28
557238.9084	4483614.925	23
557238.9084	4483618.945	24
557238.9084	4483622.964	29
557238.9084	4483626.984	20
557238.9084	4483631.003	16
557238.9084	4483635.023	14
557238.9084	4483639.043	12
557238.9084	4483643.062	11
557238.9084	4483647.082	10
557238.9084	4483651.101	9
557238.9084	4483655.121	6

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557238.9084	4483659.141	5
557238.9084	4483663.16	14
557238.9084	4483667.18	19
557238.9084	4483671.199	18
557238.9084	4483675.219	29
557238.9084	4483679.239	21
557238.9084	4483683.258	26
557238.9084	4483687.278	20
557238.9084	4483691.297	21
557238.9084	4483695.317	31
557238.9084	4483699.337	36
557238.9084	4483703.356	43
557238.9084	4483707.376	50
557238.9084	4483711.395	63
557238.9084	4483715.415	80
557238.9084	4483719.435	98
557238.9084	4483723.454	119
557238.9084	4483727.474	140
557238.9084	4483731.493	154
557242.9155	4483554.631	360
557242.9155	4483558.65	334
557242.9155	4483562.67	310
557242.9155	4483566.69	266
557242.9155	4483570.709	234
557242.9155	4483574.729	205
557242.9155	4483578.749	178
557242.9155	4483582.768	153
557242.9155	4483586.788	128
557242.9155	4483590.807	105
557242.9155	4483594.827	85
557242.9155	4483598.847	67
557242.9155	4483602.866	54
557242.9155	4483606.886	38
557242.9155	4483610.905	25
557242.9155	4483614.925	27
557242.9155	4483618.945	29
557242.9155	4483622.964	31
557242.9155	4483626.984	27
557242.9155	4483631.003	22

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557242.9155	4483635.023	19
557242.9155	4483639.043	16
557242.9155	4483643.062	14
557242.9155	4483647.082	12
557242.9155	4483651.101	10
557242.9155	4483655.121	8
557242.9155	4483659.141	19
557242.9155	4483663.16	18
557242.9155	4483667.18	16
557242.9155	4483671.199	32
557242.9155	4483675.219	32
557242.9155	4483679.239	26
557242.9155	4483683.258	30
557242.9155	4483687.278	26
557242.9155	4483691.297	28
557242.9155	4483695.317	29
557242.9155	4483699.337	34
557242.9155	4483703.356	40
557242.9155	4483707.376	47
557242.9155	4483711.395	59
557242.9155	4483715.415	75
557242.9155	4483719.435	91
557242.9155	4483723.454	105
557242.9155	4483727.474	120
557246.9225	4483558.65	335
557246.9225	4483562.67	312
557246.9225	4483566.69	264
557246.9225	4483570.709	233
557246.9225	4483574.729	205
557246.9225	4483578.749	180
557246.9225	4483582.768	154
557246.9225	4483586.788	129
557246.9225	4483590.807	106
557246.9225	4483594.827	85
557246.9225	4483598.847	68
557246.9225	4483602.866	54
557246.9225	4483606.886	45
557246.9225	4483610.905	26
557246.9225	4483614.925	27

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557246.9225	4483618.945	30
557246.9225	4483622.964	31
557246.9225	4483626.984	29
557246.9225	4483631.003	25
557246.9225	4483635.023	22
557246.9225	4483639.043	19
557246.9225	4483643.062	16
557246.9225	4483647.082	14
557246.9225	4483651.101	12
557246.9225	4483655.121	28
557246.9225	4483659.141	24
557246.9225	4483663.16	21
557246.9225	4483667.18	20
557246.9225	4483671.199	34
557246.9225	4483675.219	37
557246.9225	4483679.239	31
557246.9225	4483683.258	36
557246.9225	4483687.278	27
557246.9225	4483691.297	25
557246.9225	4483695.317	29
557246.9225	4483699.337	31
557246.9225	4483703.356	35
557246.9225	4483707.376	42
557246.9225	4483711.395	52
557246.9225	4483715.415	67
557246.9225	4483719.435	84
557246.9225	4483723.454	94
557246.9225	4483727.474	106
557250.9296	4483566.69	258
557250.9296	4483570.709	227
557250.9296	4483574.729	203
557250.9296	4483578.749	176
557250.9296	4483582.768	151
557250.9296	4483586.788	127
557250.9296	4483590.807	105
557250.9296	4483594.827	84
557250.9296	4483598.847	67
557250.9296	4483602.866	53
557250.9296	4483606.886	24

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557250.9296	4483610.905	24
557250.9296	4483614.925	28
557250.9296	4483618.945	30
557250.9296	4483622.964	31
557250.9296	4483626.984	29
557250.9296	4483631.003	26
557250.9296	4483635.023	23
557250.9296	4483639.043	20
557250.9296	4483643.062	17
557250.9296	4483647.082	15
557250.9296	4483651.101	13
557250.9296	4483655.121	34
557250.9296	4483659.141	29
557250.9296	4483663.16	27
557250.9296	4483667.18	37
557250.9296	4483671.199	34
557250.9296	4483675.219	38
557250.9296	4483679.239	37
557250.9296	4483683.258	43
557250.9296	4483687.278	31
557250.9296	4483691.297	29
557250.9296	4483695.317	27
557250.9296	4483699.337	26
557250.9296	4483703.356	30
557250.9296	4483707.376	34
557250.9296	4483711.395	41
557250.9296	4483715.415	56
557250.9296	4483719.435	75
557250.9296	4483723.454	89
557254.9367	4483570.709	222
557254.9367	4483574.729	195
557254.9367	4483578.749	169
557254.9367	4483582.768	146
557254.9367	4483586.788	123
557254.9367	4483590.807	101
557254.9367	4483594.827	82
557254.9367	4483598.847	64
557254.9367	4483602.866	51
557254.9367	4483606.886	18

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557254.9367	4483610.905	22
557254.9367	4483614.925	27
557254.9367	4483618.945	30
557254.9367	4483622.964	30
557254.9367	4483626.984	28
557254.9367	4483631.003	26
557254.9367	4483635.023	23
557254.9367	4483639.043	20
557254.9367	4483643.062	17
557254.9367	4483647.082	15
557254.9367	4483651.101	40
557254.9367	4483655.121	37
557254.9367	4483659.141	38
557254.9367	4483663.16	32
557254.9367	4483667.18	41
557254.9367	4483671.199	41
557254.9367	4483675.219	43
557254.9367	4483679.239	56
557254.9367	4483683.258	37
557254.9367	4483687.278	35
557254.9367	4483691.297	31
557254.9367	4483695.317	27
557254.9367	4483699.337	25
557254.9367	4483703.356	24
557254.9367	4483707.376	23
557254.9367	4483711.395	26
557254.9367	4483715.415	36
557254.9367	4483719.435	56
557258.9438	4483578.749	162
557258.9438	4483582.768	138
557258.9438	4483586.788	117
557258.9438	4483590.807	97
557258.9438	4483594.827	78
557258.9438	4483598.847	76
557258.9438	4483602.866	55
557258.9438	4483606.886	14
557258.9438	4483610.905	18
557258.9438	4483614.925	24
557258.9438	4483618.945	31

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557258.9438	4483622.964	29
557258.9438	4483626.984	26
557258.9438	4483631.003	24
557258.9438	4483635.023	21
557258.9438	4483639.043	19
557258.9438	4483643.062	17
557258.9438	4483647.082	15
557258.9438	4483651.101	39
557258.9438	4483655.121	39
557258.9438	4483659.141	42
557258.9438	4483663.16	49
557258.9438	4483667.18	47
557258.9438	4483671.199	47
557258.9438	4483675.219	51
557258.9438	4483679.239	43
557258.9438	4483683.258	41
557258.9438	4483687.278	36
557258.9438	4483691.297	34
557258.9438	4483695.317	42
557258.9438	4483699.337	36
557258.9438	4483703.356	18
557258.9438	4483707.376	13
557258.9438	4483711.395	10
557258.9438	4483715.415	9
557258.9438	4483719.435	28
557262.9509	4483582.768	129
557262.9509	4483586.788	110
557262.9509	4483590.807	112
557262.9509	4483594.827	92
557262.9509	4483598.847	71
557262.9509	4483602.866	8
557262.9509	4483606.886	9
557262.9509	4483610.905	10
557262.9509	4483614.925	12
557262.9509	4483618.945	24
557262.9509	4483622.964	23
557262.9509	4483626.984	21
557262.9509	4483631.003	20
557262.9509	4483635.023	19

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557262.9509	4483639.043	17
557262.9509	4483643.062	15
557262.9509	4483647.082	33
557262.9509	4483651.101	41
557262.9509	4483655.121	44
557262.9509	4483659.141	40
557262.9509	4483663.16	51
557262.9509	4483667.18	56
557262.9509	4483671.199	62
557262.9509	4483675.219	60
557262.9509	4483679.239	52
557262.9509	4483683.258	63
557262.9509	4483687.278	55
557262.9509	4483691.297	50
557262.9509	4483695.317	43
557262.9509	4483699.337	34
557262.9509	4483703.356	17
557262.9509	4483707.376	7
557262.9509	4483711.395	1
557262.9509	4483715.415	2
557266.9579	4483586.788	130
557266.9579	4483590.807	112
557266.9579	4483594.827	89
557266.9579	4483598.847	76
557266.9579	4483602.866	4
557266.9579	4483606.886	3
557266.9579	4483610.905	2
557266.9579	4483618.945	5
557266.9579	4483622.964	12
557266.9579	4483626.984	15
557266.9579	4483631.003	15
557266.9579	4483635.023	15
557266.9579	4483639.043	14
557266.9579	4483643.062	33
557266.9579	4483647.082	35
557266.9579	4483651.101	37
557266.9579	4483655.121	41
557266.9579	4483659.141	42
557266.9579	4483663.16	49

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557266.9579	4483667.18	61
557266.9579	4483671.199	71
557266.9579	4483675.219	79
557266.9579	4483679.239	71
557266.9579	4483683.258	67
557266.9579	4483687.278	63
557266.9579	4483691.297	58
557266.9579	4483695.317	49
557266.9579	4483699.337	38
557266.9579	4483703.356	20
557266.9579	4483707.376	6
557270.965	4483594.827	88
557270.965	4483598.847	1
557270.965	4483618.945	1
557270.965	4483622.964	6
557270.965	4483626.984	9
557270.965	4483631.003	11
557270.965	4483635.023	12
557270.965	4483639.043	12
557270.965	4483643.062	29
557270.965	4483647.082	34
557270.965	4483651.101	38
557270.965	4483655.121	31
557270.965	4483659.141	37
557270.965	4483663.16	50
557270.965	4483667.18	67
557270.965	4483671.199	75
557270.965	4483675.219	93
557270.965	4483679.239	75
557270.965	4483683.258	74
557270.965	4483687.278	72
557270.965	4483691.297	68
557270.965	4483695.317	60
557270.965	4483699.337	48
557270.965	4483703.356	29
557270.965	4483707.376	15
557274.9721	4483622.964	3
557274.9721	4483626.984	6
557274.9721	4483631.003	7

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557274.9721	4483635.023	8
557274.9721	4483639.043	21
557274.9721	4483643.062	25
557274.9721	4483647.082	30
557274.9721	4483651.101	26
557274.9721	4483655.121	28
557274.9721	4483659.141	36
557274.9721	4483663.16	46
557274.9721	4483667.18	58
557274.9721	4483671.199	72
557274.9721	4483675.219	89
557274.9721	4483679.239	77
557274.9721	4483683.258	79
557274.9721	4483687.278	80
557274.9721	4483691.297	80
557274.9721	4483695.317	76
557274.9721	4483699.337	67
557274.9721	4483703.356	46
557274.9721	4483707.376	34
557278.9792	4483622.964	1
557278.9792	4483626.984	3
557278.9792	4483631.003	4
557278.9792	4483635.023	6
557278.9792	4483639.043	19
557278.9792	4483643.062	21
557278.9792	4483647.082	24
557278.9792	4483651.101	21
557278.9792	4483655.121	25
557278.9792	4483659.141	38
557278.9792	4483663.16	44
557278.9792	4483667.18	60
557278.9792	4483671.199	65
557278.9792	4483675.219	86
557278.9792	4483679.239	81
557278.9792	4483683.258	86
557278.9792	4483687.278	90
557278.9792	4483691.297	94
557278.9792	4483695.317	93
557278.9792	4483699.337	92

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557278.9792	4483703.356	78
557282.9863	4483626.984	1
557282.9863	4483631.003	1
557282.9863	4483635.023	14
557282.9863	4483639.043	17
557282.9863	4483643.062	19
557282.9863	4483647.082	22
557282.9863	4483651.101	21
557282.9863	4483655.121	29
557282.9863	4483659.141	33
557282.9863	4483663.16	43
557282.9863	4483667.18	50
557282.9863	4483671.199	64
557282.9863	4483675.219	72
557282.9863	4483679.239	78
557282.9863	4483683.258	88
557282.9863	4483687.278	99
557282.9863	4483691.297	107
557282.9863	4483695.317	108
557282.9863	4483699.337	99
557286.9933	4483631.003	1
557286.9933	4483635.023	15
557286.9933	4483639.043	16
557286.9933	4483643.062	21
557286.9933	4483647.082	28
557286.9933	4483651.101	24
557286.9933	4483655.121	26
557286.9933	4483659.141	30
557286.9933	4483663.16	37
557286.9933	4483667.18	45
557286.9933	4483671.199	57
557286.9933	4483675.219	67
557286.9933	4483679.239	77
557286.9933	4483683.258	90
557286.9933	4483687.278	105
557286.9933	4483691.297	118
557286.9933	4483695.317	125
557291.0004	4483626.984	3
557291.0004	4483631.003	9

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557291.0004	4483635.023	21
557291.0004	4483639.043	21
557291.0004	4483643.062	26
557291.0004	4483647.082	27
557291.0004	4483651.101	22
557291.0004	4483655.121	24
557291.0004	4483659.141	27
557291.0004	4483663.16	34
557291.0004	4483667.18	42
557291.0004	4483671.199	49
557291.0004	4483675.219	59
557291.0004	4483679.239	71
557291.0004	4483683.258	86
557291.0004	4483687.278	103
557291.0004	4483691.297	121
557291.0004	4483695.317	126
557295.0075	4483635.023	21
557295.0075	4483639.043	27
557295.0075	4483643.062	25
557295.0075	4483647.082	25
557295.0075	4483651.101	24
557295.0075	4483655.121	22
557295.0075	4483659.141	26
557295.0075	4483663.16	31
557295.0075	4483667.18	39
557295.0075	4483671.199	44
557295.0075	4483675.219	51
557295.0075	4483679.239	60
557295.0075	4483683.258	73
557295.0075	4483687.278	90
557295.0075	4483691.297	106
557299.0146	4483643.062	27
557299.0146	4483647.082	23
557299.0146	4483651.101	24
557299.0146	4483655.121	25
557299.0146	4483659.141	27
557299.0146	4483663.16	34
557299.0146	4483667.18	34
557299.0146	4483671.199	36

Anomaly Density Estimate for DSA 1
based on the Geostatistical Density Mapping Tool in Visual Sample Plan
Former Raritan Arsenal, Edison, New Jersey

X	Y	Anomaly Density
NAD 83, UTM zone 18N meters		(anomalies per acre)
557299.0146	4483675.219	40
557299.0146	4483679.239	45
557299.0146	4483683.258	54
557299.0146	4483687.278	69
557303.0217	4483647.082	23
557303.0217	4483651.101	21
557303.0217	4483655.121	21
557303.0217	4483659.141	28
557303.0217	4483663.16	26
557303.0217	4483667.18	25
557303.0217	4483671.199	25
557303.0217	4483675.219	26
557303.0217	4483679.239	29
557303.0217	4483683.258	34
557303.0217	4483687.278	41
557307.0288	4483655.121	27
557307.0288	4483659.141	24
557307.0288	4483663.16	21
557307.0288	4483667.18	18
557307.0288	4483671.199	15
557307.0288	4483675.219	13
557307.0288	4483679.239	13
557307.0288	4483683.258	22
557311.0358	4483663.16	18
557311.0358	4483667.18	13
557311.0358	4483671.199	8
557311.0358	4483675.219	4
557311.0358	4483679.239	1
557315.0429	4483671.199	4

ID	Anomaly ID	Amplitude	Units	X1	Y1	Anomaly Type	Reacquisition Date	Dig Team	Group	Class	Category	Descriptions	Comment	Quantity	Depth	Weight	Pit?	Frag?	Action	Demo Required?	Dig QC Date	Dig QC Name	Dig QC Comments	Dig QC Complete?	Dig Geo QC Complete?	Dig Geo QC Name	Dig Geo QC Date	Shared With	Filler	Fuze
784	T3DSa1-10-00001	13.265 mV		557126.997	4483596.779	1	05-Feb-14	UXO2	MDAS	Frag	Frag (Thin Walled)	from rifle grenade	fragments from rifle grenade. Certified and documented MDAS	1	6	0.25	No	Yes	Consolidation Point	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC. Certified and documented MDAS	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
785	T3DSa1-10-00002	78.308 mV		557125.083	4483600.258	1	05-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	aluminum can			1	2	1	No	No	Scrap Bin	No	06-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
786	T3DSa1-10-00003	6.623 mV		557111.212	4483622.741	1	05-Feb-14	UXO2	MDAS	Frag	Frag (Thin Walled)	from rifle grenade	rifle grenade fragments. Certified and documented MDAS	1	3	0.25	No	Yes	Consolidation Point	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC. Certified and Documented MDAS	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
787	T3DSa1-10-00004	2572.27 mV		557108.359	4483628.831	3	05-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	PSP matting	Perforated Steel Planking		1	4	0	No	No	Left in Place	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
788	T3DSa1-10-00005	3658.065 mV		557107.416	4483630.208	3	05-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	PSP matting	Perforated Steel Planking		1	4	0	No	No	Left in Place	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
789	T3DSa1-10-00006	4476.665 mV		557106.963	4483631.463	3	05-Feb-14	UXO2	Other		Shared with T3DSa1-10-00005		Perforated Steel Planking shared with T3DSa1-10-00005	1	0	0	No	No	Left in Place	No	06-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00005	Not Applicable	Not Applicable
790	T3DSa1-1-00001	874.544 mV		557088.018	4483595.598	3	03-Feb-14	UXO1	Other	Other	PSP matting	Perforated Steel Planking		1	28	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
791	T3DSa1-1-00001	874.544 mV		557088.018	4483595.598	3	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	6	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
792	T3DSa1-11-00001	8.623 mV		557132.398	4483594.926	1	31-Jan-14	UXO1	Underwater	Not Applicable	Not Applicable	Not Investigated		0	0	0	No	No	Left in Place	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
793	T3DSa1-11-00002	9.519 mV		557112.827	4483622.805	3	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
794	T3DSa1-11-00003	4.745 mV		557113.962	4483625.597	3	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	1	0.1	No	No	Scrap Bin	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
795	T3DSa1-11-00004	4.29 mV		557112.19	4483631.726	3	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	3	0.1	No	No	Scrap Bin	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
796	T3DSa1-11-00005	11.18 mV		557111.77	4483632.731	3	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	8	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
797	T3DSa1-11-00006	377.757 mV		557110.596	4483636.212	3	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			6	8	0.5	No	No	Left in Place	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
798	T3DSa1-12-00001	5.797 mV		557134.422	4483598.555	1	04-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	aluminum can			1	10	1	No	No	Scrap Bin	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
799	T3DSa1-12-00002	20.288 mV		557134.077	4483600.222	1	04-Feb-14	UXO2	QC Seed	QC Seed	QC Seed	TDSA1-2		1	6	1	No	No	Returned To QC	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
800	T3DSa1-12-00003	11.446 mV		557131.075	4483605.27	1	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	aluminum can			1	6	0.25	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
801	T3DSa1-12-00003	11.446 mV		557131.075	4483605.27	1	07-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
802	T3DSa1-12-00004	61.723 mV		557128.103	4483618.797	3	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	1	0.25	No	No	Scrap Bin	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
803	T3DSa1-12-00005	32.43 mV		557127.492	4483622.982	3	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	6	1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
804	T3DSa1-12-00006	11.153 mV		557126.388	4483625.183	3	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Slag			1	4	1	No	No	Left in Place	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
805	T3DSa1-12-00007	54.207 mV		557125.142	4483627.511	3	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	6	2	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
806	T3DSa1-12-00008	920.662 mV		557123.654	4483629.291	3	04-Feb-14	UXO2	Other	Other	Drain Pipe	for Fed Ex building		1	24	0	No	No	Left in Place	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
807	T3DSa1-12-00009	22.6 mV		557119.135	4483631.069	3	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	concrete/asphalt			1	24	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
808	T3DSa1-12-00010	26.654 mV		557118.075	4483631.276	3	07-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Shared with T3DSa1-12-00009		Concrete and asphalt debris shared with T3DSa1-12-00009.	1	0	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00009	Not Applicable	Not Applicable
809	T3DSa1-12-00011	96.124 mV		557117.089	4483632.283	3	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	concrete/asphalt			1	36	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
810	T3DSa1-12-00012	490.293 mV		557113.419	4483635.868	3	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	PSP matting	Perforated Steel Planking		1	15	0	No	No	Scrap Bin	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
811	T3DSa1-12-00013	166.842 mV		557111.417	4483638.706	3	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Wire			1	8	0.5	No	No	Left in Place	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
812	T3DSa1-13-00001	45.366 mV		557128.535	4483620.35	3	07-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	4	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
813	T3DSa1-13-00002	6.747 mV		557121.594	4483632.118	1	07-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
814	T3DSa1-13-00003	7.156 mV		557119.924	4483634.533	1	07-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	24	0.25	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
815	T3DSa1-13-00004	13.719 mV		557116.535	4483639.91	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Slag			1	3	0.25	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
816	T3DSa1-14-00001	24.71 mV		557135.616	4483614.993	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	4	0.5	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
817	T3DSa1-14-00002	19.51 mV		557135.113	4483616.499	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
818	T3DSa1-14-00003	91.57 mV		557133.462	4483618.579	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	3	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
819	T3DSa1-14-00004	71 mV		557132.839	4483619.755	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	4	0.5	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
820	T3DSa1-14-00005	156.66 mV		557131.739	4483621.741	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	concrete/asphalt			6	30	140	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
821	T3DSa1-14-00005	156.66 mV		557131.739	4483621.741	1	07-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	6	0.5	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
822	T3DSa1-14-00006	576.09 mV		557130.633	4483623.854	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	concrete/asphalt			1	11	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
823	T3DSa1-14-00007	35.74 mV		557128.661	4483627.469	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal	hit goes beyond clearance depth		1	8	10	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
824	T3DSa1-14-00007	35.74 mV		557128.661	4483627.469	1	07-Feb-14	UXO1	Other	Other	Shared	Shared with T4-0074		1	0	0	No	No	Left in Place	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00074	Not Applicable	Not Applicable
825	T3DSa1-14-00008	15.12 mV		557121.482	4483638.27	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	6	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
826	T3DSa1-14-00009	4.33 mV		557119.776	4483642.184	1	07-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
827	T3DSa1-15-00001	7.608 mV		557140.612	4483611.706	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	6	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
828	T3DSa1-15-00002	5.745 mV		557139.577	4483613.936	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	2	0.1	No	No												

ID	Anomaly ID	Amplitude	Units	X1	Y1	Anomaly Type	Reacquisition Date	Dig Team	Group	Class	Category	Descriptions	Comment	Quantity	Depth	Weight	Pit?	Frag?	Action	Demo Required?	Dig QC Date	Dig QC Name	Dig QC Comments	Dig QC Complete?	Dig Geo QC Complete?	Dig Geo QC Name	Dig Geo QC Date	Shared With	Filler	Fuze
862	TDSA1-1-00001	4.849 mV		556897.8	4483458	1	29-Jan-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	2	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
863	TDSA1-1-00002	7.781 mV		556995.45	4483392.6	1	29-Jan-14	UXO2	No Contact	Not Applicable	Not Applicable	coil bump due to vegetation stumps		0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
864	TDSA1-1-00002	7.781 mV		556995.45	4483392.6	1	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	PSP matting	Perforated Steel Planking		1	6	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
865	TDSA1-1-00003	5.185 mV		557032.5	4483369.95	1	29-Jan-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	2	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
866	TDSA1-1-00004	19.426 mV		557045.55	4483362.75	1	29-Jan-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal	Railroad spike		1	2	1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
867	TDSA1-2-00001	11.715 mV		556601.85	4483797.3	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	1	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
868	TDSA1-2-00002	4.584 mV		556636.95	4483770.75	7	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	12	1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
869	TDSA1-2-00003	5.785 mV		556638.6	4483769.25	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	PSP shared with 1-2-00004	Perforated Steel Planking	PSP shared with 1-2-00004	0	0	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko	TRUE	TRUE	Tamir Klaff	20-Feb-14	00004	Not Applicable	Not Applicable
870	TDSA1-2-00004	5.121 mV		556731.6	4483705.2	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	PSP matting shared with 1-2-00003	Perforated Steel Planking	PSP shared with TDSA1-2-00003	1	12	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
871	TDSA1-2-00005	4.785 mV		556853.85	4483620.3	1	29-Jan-14	UXO2	No Contact	Not Applicable	Not Applicable	QC		0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
872	TDSA1-2-00007	8.926 mV		556959	4483544.55	1	29-Jan-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Nail	Scrap		1	4	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
873	TDSA1-2-00010	11 mV		556961.1	4483545.45	1	29-Jan-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Scrap steel		2	6	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
874	TDSA1-2-00011	23.524 mV		556985.438	4483527.279	1	29-Jan-14	UXO2	MDAS	Frag	Unknown type			1	3	0.25	No	Yes	Consolidation Point	No	06-Feb-14	Jonathan Waldron	QC Approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
875	TDSA1-2-00012	32.604 mV		556987.65	4483524.6	1	29-Jan-14	UXO2	MDAS	Frag	Unknown type	Rifle grenade body and scrap	rifle grenade fragments. QC and SUXOS certified as MDAS	1	6	0.5	No	Yes	Consolidation Point	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC. Certified and Documented MDAS	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
876	TDSA1-2-00013	149.772 mV		556989.509	4483523.565	1	29-Jan-14	UXO2	MDAS	Not Applicable	Frag	7 rifle grenade flares, Signal Ground Illumination, expended, no filler, and without nomenclature so could not identify the specific M number	MDAS certified and verified by UXOQC and SUXOS. Taken to collection point.	7	4	3	No	Yes	Consolidation Point	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC. Documented and verified MDAS.	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
877	TDSA1-2-00019	10.56 mV		557014.8	4483507.65	1	29-Jan-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Spike and scrap		3	4	1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
878	TDSA1-2-00020	7.477 mV		557016.75	4483503.9	1	29-Jan-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Broken cans		6	24	0.25	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
879	TDSA1-2-00025	7.528 mV		557074.05	4483464.75	1	29-Jan-14	UXO1	No Contact	Not Applicable	No Contact			0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
880	TDSA1-3-00001	96.715 mV		556573.05	4483908	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Scrap steel		1	1	5	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
881	TDSA1-3-00001	96.715 mV		556573.05	4483908	1	30-Jan-14	UXO1	No Contact	Not Applicable	Not Applicable			0	0	0	No	No	Not Applicable	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
882	TDSA1-3-00001	96.715 mV		556573.05	4483908	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	14	0.5	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
883	TDSA1-3-00002	4.634 mV		556589.7	4483897.5	7	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	PSP matting		Perforated Steel Planking	1	6	0	No	No	Left in Place	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
884	TDSA1-3-00003	5.392 mV		556639.517	4483863.391	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Not Applicable	Steel scrap		0	24	0.5	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
885	TDSA1-3-00003	5.392 mV		556639.517	4483863.391	1	30-Jan-14	UXO1	Other	Other	Other (see comments)	contact reduced smaller than 2x2-inch		1	2	0.25	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
886	TDSA1-3-00004	4.283 mV		556654.95	4483850.7	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Nail			1	6	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
887	TDSA1-3-00005	6.586 mV		556694.1	4483824	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Nail			1	4	0.1	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
888	TDSA1-3-00005	6.586 mV		556694.1	4483824	1	30-Jan-14	UXO1	Other	Other	Other (see comments)	contact reduced smaller than 2x2-inch		1	3	0.25	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
889	TDSA1-3-00006	16.102 mV		556696.65	4483823.25	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal	Pipe and cans		1	8	0.5	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00008	Not Applicable	Not Applicable
890	TDSA1-3-00006	16.102 mV		556696.65	4483823.25	1	30-Jan-14	UXO1	Other	Other	Other (see comments)	contact reduced smaller than 2x2-inch		1	1	0.25	No	No	Scrap Bin	No	05-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
891	TDSA1-3-00007	21.832 mV		556698	4483821.15	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Pipe		1	10	0.5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
892	TDSA1-3-00008	23.727 mV		556709.55	4483814.55	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Bolt		1	4	1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
893	TDSA1-3-00010	12.521 mV		556739.55	4483792.2	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See description, shared with TDSA1-3-00011	Steel bar		1	4	3	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00011	Not Applicable	Not Applicable
894	TDSA1-3-00011	26.802 mV		556740.3	4483791.6	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See description, shared with TDSA1-3-00010	Steel bar		1	0	0	No	No	Shared with 1-3-10	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00010	Not Applicable	Not Applicable
895	TDSA1-3-00014	5.148 mV		556872.3	4483699.2	7	30-Jan-14	UXO1	No Contact	Not Applicable	Not Applicable			0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
896	TDSA1-3-00015	17.041 mV		556879.05	4483694.7	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Bolt		1	8	1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
897	TDSA1-3-00018	6.626 mV		556915.5	4483671.6	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Nail			1	8	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
898	TDSA1-3-00019	45.755 mV		556921.709	4483669.668	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See description, Shared with TDSA1-3-00020	Steel scrap		1	6	0.5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00020	Not Applicable	Not Applicable
899	TDSA1-3-00020	23.332 mV		556921.8	4483668.45	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See description, Shared with TDSA1-3-00019	Steel scrap		1	0	0	No	No	Shared with 1-3-19	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00019	Not Applicable	Not Applicable
900	TDSA1-3-00028	11.334 mV		556971.3	4483632.45	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Steel scrap		1	5	0.25	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
901	TDSA1-3-00032	15.527 mV		557008.65	4483604.85	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See Description, Shared with TDSA1-3-00033	Bolt		1	12	0.5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
902	TDSA1-3-00033	17.483 mV		557009.25	4483604.4	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Shared with TDSA1-3-00032	Bolt		1	0	0	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00032	Not Applicable	Not Applicable
903	TDSA1-3-00034	5.302 mV		557010.75	4483603.35	1	29-Jan-14	UXO1	No Contact	Not Applicable	Not Applicable			0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
904	TDSA1-3-00035	6.143 mV		557023.33	4483593.796	1	29-Jan-14	UXO1	No Contact	Not Applicable	Not Applicable	Ferrous geology ("hot rock")		0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
905	TDSA1-3-00037	5.22 mV		557026.079	4483591.571	1	29-Jan-14	UXO1	No Contact	Not Applicable	Not Applicable	Ferrous geology ("hot rock")		0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
906	TDSA1-3-00038	6.078 mV		557033.1	4483587.6	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Railroad Spike			1	6	1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable

ID	Anomaly ID	Amplitude	Units	X1	Y1	Anomaly Type	Reacquisition Date	Dig Team	Group	Class	Category		Descriptions	Comment	Quantity	Depth	Weight	Pit?	Frag?	Action	Demo Required?	Dig QC Date	Dig QC Name	Dig QC Comments	Dig QC Complete?	Dig Geo QC Complete?	Dig Geo QC Name	Dig Geo QC Date	Shared With	Filler	Fuze
935	TDSA1-4-00036	5.234 mV		556871.1	4483819.65	1	30-Jan-14	UXO1	No Contact	Not Applicable	Not Applicable				0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
936	TDSA1-4-00038	6.742 mV		556872.9	4483818.45	1	30-Jan-14	UXO1	No Contact	Not Applicable	Not Applicable				0	0	0	No	No	Not Applicable	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
937	TDSA1-4-00040	10.061 mV		556931.7	4483772.55	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	2	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
938	TDSA1-4-00041	10.774 mV		556962.007	4483751.399	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal				1	3	0.25	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
939	TDSA1-4-00047	14.976 mV		557076.6	4483667.55	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	6	0.5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
940	TDSA1-4-00052	9.553 mV		557092.695	4483657.128	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	chain				1	1	1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
941	TDSA1-4-00053	5.569 mV		557102.25	4483649.7	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	3	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
942	TDSA1-4-00057	33.407 mV		557109.717	4483644.199	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal				1	6	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
943	TDSA1-4-00062	320.046 mV		557114.55	4483639.95	1	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Slag				4	6	5	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
944	TDSA1-4-00063	49.72 mV		557115.529	4483641.654	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal				1	2	0.25	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
945	TDSA1-4-00065	82.264 mV		557119.8	4483638.15	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal				4	3	0.25	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
946	TDSA1-4-00068	28.188 mV		557123.071	4483633.345	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	4	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
947	TDSA1-4-00069	5.37 mV		557123.456	4483635.239	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
948	TDSA1-4-00071	51.702 mV		557126.25	4483632.75	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal				1	24	5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
949	TDSA1-4-00074	551.112 mV		557129.25	4483628.55	1	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	concrete reinforced				1	30	30	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
950	TDSA1-4-00078	87.302 mV		557134.2	4483623.45	1	04-Feb-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	concrete reinforced				1	24	16	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
951	TDSA1-4-00080	400.861 mV		557136	4483621.35	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	concrete/asphalt				3	12	70	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
952	TDSA1-4-00081	251.277 mV		557136.15	4483620.3	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	concrete/asphalt				5	42	50	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
953	TDSA1-4-00084	412.994 mV		557138.55	4483618	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	concrete/asphalt				1	48	30	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
954	TDSA1-4-00086	164.98 mV		557141.744	4483616.75	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	pipe				1	24	50	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
955	TDSA1-4-00087	244.656 mV		557141.85	4483613.85	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Shared with TDSA1-4-00088	concrete/asphalt			1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00088	Not Applicable	Not Applicable
956	TDSA1-4-00088	221.61 mV		557141.914	4483615.147	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Shared with TDSA1-4-00087	concrete/asphalt			1	24	30	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00087	Not Applicable	Not Applicable
957	TDSA1-4-00091	15.756 mV		557144.429	4483611.567	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
958	TDSA1-4-00094	28.24 mV		557146.95	4483609.95	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
959	TDSA1-4-00095	2692.86 mV		557147.25	4483612.05	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal				1	8	25	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
960	TDSA1-4-00097	143.607 mV		557150.1	4483609.8	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal				1	12	3	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
961	TDSA1-4-00098	7.271 mV		557151.9	4483606.2	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal				1	4	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
962	TDSA1-4-00100	9.39 mV		557156.85	4483605.45	1	06-Feb-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	2	0.1	No	No	Scrap Bin	No	11-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
963	TDSA1-4-00101	4.684 mV		557165.7	4483599.9	1	29-Jan-14	UXO2	Underwater	Not Applicable	Not Applicable	Not Investigated			0	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
964	TDSA1-4-00103	7.533 mV		557168.097	4483596.933	1	29-Jan-14	UXO2	Underwater	Not Applicable	Not Applicable	Not Investigated			0	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
965	TDSA1-4-00104	5.061 mV		557177.404	4483591.128	1	29-Jan-14	UXO2	Underwater	Not Applicable	Not Applicable	Not Investigated			0	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
966	TDSA1-4-00108	4.602 mV		557185.95	4483582.65	1	29-Jan-14	UXO2	Underwater	Not Applicable	Not Applicable	Not Investigated			0	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
967	TDSA1-4-00110	41.19 mV		557200.5	4483570.95	1	29-Jan-14	UXO2	Underwater	Not Applicable	Not Applicable	Not Investigated			0	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
968	TDSA1-4-00113	6.295 mV		557206.8	4483568.4	1	29-Jan-14	UXO2	Underwater	Not Applicable	Not Applicable	Not Investigated			0	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
969	TDSA1-4-00115	137.751 mV		557212.406	4483569.727	1	29-Jan-14	UXO2	Non-Munitions Scrap	Non-Munitions Scrap	Railroad Spike	And scrap			1	3	2	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
970	TDSA1-4-00116	470.552 mV		557221.657	4483559.647	1	30-Jan-14	UXO1	Other	Other	Road	Not Investigated			1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
971	TDSA1-4-00117	280.768 mV		557222.743	4483560.363	1	30-Jan-14	UXO1	Other	Other	Road	Not Investigated			1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
972	TDSA1-4-00119	62.812 mV		557224.749	4483558.391	1	30-Jan-14	UXO1	Other	Other	Road	Not Investigated			1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
973	TDSA1-4-00122	13.785 mV		557228.146	4483556.817	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Nail				1	4	0.5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
974	TDSA1-4-00125	8.101 mV		557230.95	4483554	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	3	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
975	TDSA1-4-00131	43.013 mV		557237.121	4483553.71	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				1	4	2	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
976	TDSA1-4-00132	54.746 mV		557239.8	4483553.55	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				2	2	0.5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
977	TDSA1-4-00133	72.527 mV		557240.228	4483551.846	1	30-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap				2	12	5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
978	TDSA1-4-00134	48.326 mV		557242.35	4483553.7	1	30-Jan-14	UXO1	Other	Other	Other (see comments)	Larger anomaly/Utility out of transect			1	2	0.1	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
979	TDSA1-5-00025	83.112 mV		556662.591	4484063.086	1	29-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	See Description	Scrap steel			1	12	2	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable

ID	Anomaly ID	Amplitude	Units	X1	Y1	Anomaly Type	Reacquisition Date	Dig Team	Group	Class	Category	Descriptions	Comment	Quantity	Depth	Weight	Pit?	Frag?	Action	Demo Required?	Dig QC Date	Dig QC Name	Dig QC Comments	Dig QC Complete?	Dig Geo QC Complete?	Dig Geo QC Name	Dig Geo QC Date	Shared With	Filler	Fuze
1017	TDSA1-6-00057	10.827 mV		557185.65	4483726.05	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1018	TDSA1-6-00058	33.574 mV		557186.55	4483726.8	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1019	TDSA1-6-00059	8.464 mV		557187	4483724.85	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1020	TDSA1-6-00060	4.572 mV		557187.964	4483724.046	1	31-Jan-14	UXO1	Other	Other	Other (see comments)	contact reduced smaller than 2x2-inch		1	2	0.1	No	No	Reduced smaller than 2x2	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1021	TDSA1-6-00061	24.524 mV		557188.8	4483726.05	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1022	TDSA1-6-00063	8.389 mV		557190.45	4483724.55	1	31-Jan-14	UXO1	Other	Other	Other (see comments)	contact reduced smaller than 2x2-inch		1	0	0.1	No	No	Reduced smaller than 2x2	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1023	TDSA1-6-00064	4.244 mV		557192.4	4483721.55	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1024	TDSA1-6-00068	6.333 mV		557196.048	4483719.872	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1025	TDSA1-6-00069	13.791 mV		557197.161	4483718.65	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1026	TDSA1-6-00075	33.075 mV		557206.2	4483710.75	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1027	TDSA1-6-00076	26.745 mV		557207.041	4483709.758	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1028	TDSA1-6-00078	29.522 mV		557210.1	4483706.7	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1029	TDSA1-6-00079	29.735 mV		557211.297	4483707.478	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1030	TDSA1-6-00082	7.974 mV		557214.9	4483705.8	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1031	TDSA1-6-00083	18.8 mV		557216.009	4483701.93	1	31-Jan-14	UXO1	Other	Other	parking lot	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1032	TDSA1-6-00084	107.408 mV		557235.617	4483730.582	1	31-Jan-14	UXO1	Other	Other	Road	Not Investigated		1	0	0	No	No	Left in Place	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1033	TDSA1-6-00085	16.92 mV		557238.15	4483730.1	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	6	2	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1034	TDSA1-6-00086	5.482 mV		557239.346	4483729.118	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal	Scrap Steel. Shared with TDSA1-6-0087		1	8	1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00087	Not Applicable	Not Applicable
1035	TDSA1-6-00087	4.898 mV		557239.873	4483728.378	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Shared with TDSA1-6-00086	Scrap Steel	Scrap steel shared with 86	1	0	0	No	No	Scrap Bin	No	06-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	00086	Not Applicable	Not Applicable
1036	TDSA1-6-00089	12.146 mV		557241.75	4483725.75	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	aluminum can			1	12	0.25	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1037	TDSA1-6-00092	320.474 mV		557244.6	4483726.2	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal	fence post just over 1 meter away		1	12	0.5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1038	TDSA1-6-00095	10.546 mV		557251.2	4483721.85	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	6	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1039	TDSA1-6-00098	5.388 mV		557255.4	4483720.65	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap			1	4	0.1	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1040	TDSA1-6-00100	34.902 mV		557286.6	4483698	1	31-Jan-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			8	8	5	No	No	Scrap Bin	No	05-Feb-14	Jonathan Waldron	QC approved per Mike Malko UXOQC	TRUE	TRUE	Tamir Klaff	20-Feb-14	N/A	Not Applicable	Not Applicable
1041	TDSA1R-2-00001	5.325 mV		556545.552	4483837.529	7	22-May-14	UXO1	QC Seed	QC Seed	QC Seed			1	6	1	No	No	Returned To QC	No	24-May-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1042	TDSA1R-2-00002	5.8 mV		556601.893	4483797.9	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	1	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1043	TDSA1R-2-00004	5.528 mV		556960.644	4483544.881	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	1	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1044	TDSA1R-3-00014	8.473 mV		557089.317	4483523.307	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Other (See Description)	Slag		1	3	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1045	TDSA1R-4-00003	11.813 mV		556800.202	4483870.49	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	1	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1046	TDSA1R-4-00004	6.879 mV		556800.796	4483869.337	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	1	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1047	TDSA1R-4-00015	160.428 mV		557116.142	4483639.411	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	3	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1048	TDSA1R-4-00018	38.396 mV		557120.672	4483634.554	13	10-Jun-14	UXO1	Other	Other	Fence			1	0	0	No	No	Left in Place	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1049	TDSA1R-4-00019	30.999 mV		557121.858	4483632.282	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	1	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1050	TDSA1R-4-00020	29.673 mV		557120.72	4483631.779	13	10-Jun-14	UXO1	Other	Other	Other (See Description)Fence			1	0	0	No	No	Left in Place	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1051	TDSA1R-4-00023	66.936 mV		557124.943	4483627.725	13	10-Jun-14	UXO1	Other	Other	Other (see comments)	Previous backhoe dig construction debris / hole backfilled		1	0	0	No	No	Left in Place	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1052	TDSA1R-4-00028	155.551 mV		557131.74	4483621.355	13	10-Jun-14	UXO1	Other	Other	Other (see comments)	Previous backhoe dig construction debris / hole backfilled		1	0	0	No	No	Left in Place	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1053	TDSA1R-4-00030	252.195 mV		557136.455	4483619.671	13	10-Jun-14	UXO1	Other	Other	Other (see comments)	Previous backhoe dig construction debris / hole backfilled		1	0	0	No	No	Left in Place	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1054	TDSA1R-4-00042	340.385 mV		557147.12	4483611.976	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	3	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1055	TDSA1R-4-00043	19.626 mV		557144.513	4483611.221	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	1	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1056	TDSA1R-4-00045	10.193 mV		557147.484	4483609.274	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	0	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1057	TDSA1R-4-00048	5.797 mV		557152.481	4483605.754	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Scrap Metal			1	3	0.1	No	No	Scrap Bin	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1058	TDSA1R-4A-00014	49.789 mV		557237.116	4483553.003	13	10-Jun-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Other (See Description)	Construction debris		1	0	0	No	No	Left in Place	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14		Not Applicable	Not Applicable
1059	TDSA1R-5-00013	48.215 mV		556662.943	4484063.037	13	10-Jun-14	UXO1	Underwater	Not Applicable	Not Applicable	Not Investigated		1	0	0	No	No	Left in Place	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14		Not Applicable	Not Applicable
1060	TDSA1R-5-00014	22.249 mV		556664.463	4484063.026	13	10-Jun-14	UXO1	Underwater	Not Applicable	Not Applicable	Not Investigated		1	0	0	No	No	Left in Place	No	12-Jun-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1061	TDSA1R-5-00020	36.946 mV		556913.78	4483873.642	1	22-May-14	UXO1	QC Seed	QC Seed	QC Seed			1	2	1	No	No	Returned To QC	No	24-May-14	Jake Crostic	QC approved per UXOQC	TRUE	TRUE	Tamir Klaff	12-Jun-14	N/A	Not Applicable	Not Applicable
1062	TDSA1R-5-00031	1017.5 mV		557065.248	4483764.045	13	24-May-14	UXO1	Non-Munitions Scrap	Non-Munitions Scrap	Train Parts	Train Parts		1	0	0</														

Appendix H

Human Health Risk Assessment Methodology

APPENDIX H

Areas 6, 6A, 6B, and DSA 1 Human Health Risk Assessment Former Raritan Arsenal, Edison, New Jersey

Prepared for

U.S. Army Engineering and Support Center,
Huntsville



**US Army Corps
of Engineers®**

FUDS Project Number: C02NJ008403

U.S. Army Corps of Engineers, New York District

Contract: W912DY-09-D-0060

Task Order: 003

March 2019

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Acronyms and Abbreviations

$\mu\text{g}/\text{m}^3$	microgram per cubic meter
ADAF	age-dependent adjustment factor
ATSDR	Agency for Toxic Substances and Disease Registry
BEQ	benzo(a)pyrene equivalent
bgs	below ground surface
BTV	background threshold value
COPC	constituent of potential concern
cPAH	carcinogenic polycyclic aromatic hydrocarbon
CSF	cancer slope factor
CTE	central tendency exposure
DSA	dredge spoil area
EC	exposure concentration
ELCR	excess lifetime cancer risk
EPA	U.S. Environmental Protection Agency
EPC	exposure point concentration
HHEM	Human Health Evaluation Manual
HHRA	human health risk assessment
HI	hazard index
HQ	hazard quotient
IEUBK	Integrated Exposure Uptake Biokinetic
IRIS	Integrated Risk Information System
IUR	inhalation unit risk
mg/kg	milligram per kilogram
$\text{mg}/\text{kg}\cdot\text{day}$	milligram per kilogram per day
mg/m^3	milligram per cubic meter
MMOA	mutagenic mode of action
N.J.A.C.	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection
PCB	polychlorinated biphenyl
PEF	particulate emission factor
PPRTV	Provisional Peer-Reviewed Toxicity Value
RAGS	Risk Assessment Guidance for Superfund
RfC	reference concentration

ACRONYMS AND ABBREVIATIONS

RfD	reference dose
RME	reasonable maximum exposure
RPF	relative potency factor
RSL	regional screening level
SL	screening level
SRS	soil remediation standard
SVOC	semivolatile organic compound
TEF	toxic equivalency factor
USACE	U.S. Army Corps of Engineers
UCL	upper confidence limit
UTL	upper tolerance limit
VF	volatilization factor
VOC	volatile organic compound

SECTION 1

Introduction

1.1 Overview

This appendix presents the methodology used to assess the potential human health risks associated with exposure to site media at Areas 6, 6A, 6B and Dredge Spoil Area (DSA) 1 at the former Raritan Arsenal in Middlesex County, New Jersey. This human health risk assessment (HHRA) incorporates the general methodology and procedures for performing HHRAs, consistent with guidance documents from the U.S. Environmental Protection Agency (EPA), New Jersey Department of Environmental Protection (NJDEP), and U.S. Army Corps of Engineers (USACE). The following guidance documents were primarily used in the HHRA:

- *Risk Assessment Guidance for Superfund (RAGS), Volume 1: Human Health Evaluation Manual (HHEM), Parts A, D, E, and F* (EPA, 1989, 2001, 2004, 2009)
- *Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites* (EPA, 2002a)
- *Exposure Factors Handbook: 2011 Edition* (EPA, 2011)
- *HHEM, Supplemental Guidance: Update of Standard Default Exposure Factors* (EPA, 2014)
- *Risk Assessment Handbook, Volume I: Human Health Evaluation* (USACE, 1999)
- NJDEP Soil Remediation Standards (SRSs) from Title 7 of the New Jersey Administrative Code (N.J.A.C. 7:26D)

The HHRA, along with the ecological risk assessment, will serve as the basis for the risk management decisions at Area 6, 6A, 6B and DSA 1 (USACE, 1999).

1.2 Organization of the Risk Assessment

The HHRA followed a four-step evaluation process (EPA, 1989) and included the following components:

- **Data Evaluation and Identification of Constituents of Potential Concern (COPCs)**—Reviewed and evaluated available site data and identified the COPCs present at the site that are the focus of the HHRA.
- **Exposure Assessment**—Identified potential current and future human exposure to site media; evaluated potential exposure pathways to site media; and estimated the magnitude, frequency, and duration of exposures.
- **Toxicity Assessment**—Identified the toxicity factors used to characterize potential adverse health effects associated with exposure to COPCs.
- **Risk Characterization**—Incorporated the results of the exposure assessment and toxicity assessment to estimate the potential carcinogenic and noncarcinogenic risks to various receptors under current and future land use scenarios.

These components are described in the following sections. The supporting tables for the HHRA are provided in Attachments H-1 through H-7 of this appendix.

SECTION 2

Data Evaluation and Identification of Chemicals of Potential Concern

The identification of COPCs includes data evaluation and screening steps. The data evaluation step involves gathering and reviewing available site data and identifying a dataset of acceptable quality for the risk assessment. The analytical data for Areas 6, 6A, 6B and DSA 1 were divided into surface soil, subsurface soil, surface water, and sediment data groups. The data were then screened against risk-based criteria that are protective of human health to reduce the dataset to those constituents and media of potential concern.

2.1 Data Used in the Risk Assessment

Samples collected from Area 6, 6A, 6B and DSA 1 were analyzed for various analytical groups, including volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides/polychlorinated biphenyls (PCBs), inorganic chemicals, dioxins/furans, and explosives. Soil, surface water, and sediment samples were included in the HHRA for Area 6, 6A, 6B and DSA 1 and are discussed in Section 6.1 of the RI Report. A list of samples used in the HHRA is provided in Attachment H-2, and the analytical data associated with these samples are provided in Appendix B.

The analytical data used in the HHRA were validated and the following rules were used to identify data to be included in the HHRA:

- Data qualified with J (estimated result), D (detection associated with sample dilution), N (presumptive evidence of the presence of the material), V (detected result), or B (chemical also detected in blank) were treated as detected concentrations and used in the HHRA.
- Data qualified with U or UJ were treated as non-detected concentrations.
- Data qualified with R (rejected) were excluded from the HHRA.

For samples with field duplicate analyses, the higher of the two concentrations was used in the HHRA when both values were detects or when both values were non-detects. In cases where one result was a detected value and the other was a non-detected value, the detected value was used in the HHRA.

The assessment for chlorinated dioxin and furans was performed using the toxic equivalency factor (TEF) methodology (EPA, 2010a). The total concentration of the dioxin and furan congeners is expressed as a toxic equivalent (TEQ) of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Similarly, potentially carcinogenic polycyclic aromatic hydrocarbon (cPAHs), including benzo[a]pyrene, benzo[a]anthracene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenz[a,h]anthracene, and indeno[1,2,3-cd]pyrene) were converted to benzo(a)pyrene equivalent (BEQ) concentrations. Relative potency factors (RPFs) were applied to the concentrations of the component cPAHs and the concentrations were summed to derive the BEQ concentration (EPA, 1993). The TEFs applied to dioxin/furan congeners to calculate 2,3,7,8-TCDD TEQ and the RPFs applied to the cPAHs to calculate BEQ are presented in Table H-1.

2.2 Selection of Chemicals of Potential Concern

The maximum detected concentration of each constituent in surface soil (0 to 2 feet below ground surface [bgs]), subsurface soil (2 to 7.7 feet bgs), surface water, and sediment was compared to its respective health-protective screening level (SL). Additionally, detected inorganic chemicals in site soil were also compared to background threshold values (BTVs). The BTVs are the 95 percent upper

SECTION 2 – DATA EVALUATION AND IDENTIFICATION OF CHEMICALS OF POTENTIAL CONCERN

tolerance limit of the 95th percentile (95/95 UTL) for the background soil samples collected from DSAs 1, 2, 3, and 5. The background sampling approach and derivation of the BTVs for the DSAs is provided in Appendix A. The USACE risk assessment guidance (USACE, 2011) recommends eliminating inorganic chemicals as site-related COPCs if they are detected within background levels. However, EPA risk assessment guidance recommends carrying forward all inorganic chemicals above risk-based threshold levels as COPCs, regardless of their occurrence in background soils (EPA, 2002b). Therefore, chemicals were selected as COPCs in the HHRA if the maximum detected concentration exceeded the SL. Chemicals that were carried forward in the risk assessment but detected at concentrations within background levels are discussed in Section 6.5 of the RI Report.

Chemicals that were not detected in any of the samples within an environmental medium were not included in the COPC selection process. Additionally, commonly occurring essential nutrients, including calcium, magnesium, potassium, and sodium were not selected as COPCs (EPA, 1989). A separate comparison to SLs was included in the HHRA for the non-detected chemicals and the results of this screening are discussed in Section 6.5 of the RI Report.

The SLs used in the HHRA are the EPA *Regional Screening Levels for Chemical Contaminants at Superfund Sites* (EPA, 2018). The RSLs based on noncarcinogenic health endpoints are based on a hazard quotient [HQ] equal to [=] 0.1) to account for potential cumulative effects from multiple chemicals affecting the same target organ, with the exception of lead. EPA considers lead to be a special case because toxicity from lead is not based on the “threshold” approach needed to develop a reference dose (RfD). The residential RSL for lead is based on the Integrated Exposure Uptake Biokinetic (IEUBK) Model (EPA, 2010b). RSLs based on carcinogenic health endpoints are based on a target excess lifetime cancer risk [ELCR] of 1×10^{-6} . The RSLs for residential soil were used to screen surface soil, subsurface soil, and sediment concentrations, and the RSLs for tap water were used to screen surface water concentrations. The COPCs identified for Areas 6, 6A, 6B and DSA 1 are discussed in Section 6.1 of the RI Report and the COPC screening is provided in RAGS Part D Tables 2.1 through 2.4 of Attachment H-1.

SECTION 3

Exposure Assessment

The exposure assessment identifies pathways and routes by which an individual may be exposed to the COPCs, and estimates the magnitude, frequency, and duration of potential exposure. Constituent intakes and associated health risks are only quantified for complete exposure pathways. An exposure pathway is considered complete when the following components are present at a site:

- A source (such as chemical residues in an environmental medium)
- A mechanism for chemical release and migration (such as surface runoff)
- An environmental transport medium (such as soil)
- A point of potential human contact (exposure point, such as surface soil)
- A route of intake (such as ingestion, dermal contact, or inhalation)

In the absence of any one of these components, an exposure pathway is considered incomplete and therefore, there is no risk or hazard due to an absence of exposure. In some cases, a receptor may contact a source directly, eliminating the release and transport pathways.

The components of exposure assessment consist of the following:

- Characterization of exposure setting
- Identification of potential exposure pathways
- Quantification of exposure

Each of these steps is discussed in the following sections.

3.1 Characterization of Exposure Setting

The first step of the exposure assessment is to evaluate Areas 6, 6A, 6B and DSA 1 with respect to the physical characteristics at the site and the potential receptor populations at the site or within the surrounding areas. The exposure setting for Areas 6, 6A, 6B and DSA 1 is discussed in Section 6.2 of the RI Report and the potential receptors at the site are listed in Table 1 of Attachment H-1.

3.2 Identification of Potential Exposure Pathways

Area 6, 6A, 6B and DSA 1 are currently under industrial land use and are likely to remain industrial in the future. The potentially complete exposure pathways identified for Areas 6, 6A, 6B and DSA 1, under current and foreseeable future conditions, are discussed in Section 6.2 of the RI Report. Potential exposures to surface soil, total soil, sediment, and surface water were quantitatively evaluated in the HHRA. Groundwater at the former Arsenal currently is not used as a source of drinking water or for industrial purposes, and there are no plans to do so in the future. Potential exposures to groundwater were not evaluated in the HHRA because groundwater at the former Arsenal is being evaluated as a separate operable unit and is being addressed under a separate USACE task order contract. Receptors could potentially be exposed to volatile contaminants in soil and groundwater that migrate to indoor air through vapor intrusion; however, the vapor intrusion pathway is also being evaluated separately and under a separate USACE task order contract, and was therefore not quantitatively evaluated in the HHRA for Areas 6, 6A, 6B and DSA 1. A summary of the previous investigations conducted at the former Arsenal is presented in Section 3 of the RI Report.

3.3 Quantification of Exposure

Exposures were quantified in the HHRA by estimating the exposure point concentrations (EPCs) and chemical intakes for COPCs identified at Areas 6, 6A, 6B and DSA 1. Although USACE guidance recommends conducting risk assessments using two exposure scenarios, only a reasonable maximum exposure (RME)-based evaluation was conducted in the HHRA in the interest of reducing the number of tables presented in the report while providing the necessary information for site management decisions. Therefore, a central tendency exposure (CTE)-based evaluation was not included in the HHRA.

3.3.1 Calculation of Exposure Point Concentrations

EPCs were determined based on measured COPC concentrations in surface soil, total soil, surface water, and sediment. EPCs were estimated for ambient air, assuming soil COPCs could be emitted to air through the dust and volatilization pathways.

The upper confidence limit (UCL) of the mean was calculated for each COPC where at least eight samples were available and at least four detected concentrations were observed. UCLs were estimated using the most recent version of the UCL calculation tool from EPA, ProUCL Version 5.1.002 (EPA, 2016). If more than one UCL was recommended for a COPC by ProUCL, the maximum UCL was selected as the EPC. The maximum detected concentration was used as the EPC if a UCL could not be calculated or if the calculated UCL was greater than the maximum detected value. Steady-state conditions were assumed for COPC concentrations (i.e., EPCs for current conditions were assumed to be representative of concentrations in the future). The EPCs for Areas 6, 6A, 6B and DSA 1 are provided in RAGS Part D Tables 3.1 through 3.4 of Attachment H-1 and the ProUCL output is provided in Attachment H-3.

3.3.2 Estimation of Chemical Intake

The primary references for exposure factors are the standard default exposure factors presented in EPA guidance (EPA, 1989, 2002a, 2004, 2014). In accordance with EPA guidance, COPCs with a mutagenic mode of action (MMOA) require separate exposure evaluations for age ranges 0 to <2, 2 to <16, and 16 and older (EPA, 2005a, 2005b) due to toxicity adjustments required for these age ranges. The exposure factors and equations used to estimate chemical intakes for Area 6, 6A, 6B and DSA 1 are provided in RAGS Part D Tables 4.1 through 4.8 of Attachment H-1.

A site-specific particulate emission factor (PEF) was calculated for maintenance workers, industrial/commercial workers, recreational users/trespassers, and hypothetical future residents. The PEF was calculated using Equation 4-5 and Exhibit D-2 from the *Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites* (EPA, 2002a). Another site-specific PEF was calculated for construction/utility workers. The PEF was calculated using Equations 5-5 and 5-6 of the EPA document (EPA, 2002a). It was assumed that daily unpaved road traffic consists of three vehicles (i.e., one 2-ton car and two 20-ton trucks) generating particulates in the vicinity of a hypothetical construction worker.

In accordance with the methodology used to establish the RSLs for soil (EPA, 2018), the dermal exposure route for soil was only quantified for constituents with dermal absorption fraction from soil values, as presented in Exhibit 3-4 of EPA's *Risk Assessment Guidance for Superfund Volume I: HHEM (Part E, Supplemental Guidance for Dermal Risk Assessment)* (EPA, 2004).

SECTION 4

Toxicity Assessment

The oral toxicity values (cancer slope factors [CSFs] and RfDs) and inhalation toxicity values (inhalation unit risks [IURs] and reference concentrations [RfCs]) used in the HHRA were obtained from the EPA recommended hierarchy of sources (EPA, 2003), as follows:

- Tier 1: EPA's Integrated Risk Information System (IRIS) database (EPA, 2019)
- Tier 2: Provisional Peer Reviewed Toxicity Value (PPRTV) database maintained by the EPA's National Center for Environmental Assessment and the Superfund Health Risk Technical Support Center
- Tier 3: Other EPA and non-EPA sources including the Agency for Toxic Substances and Disease Registry (ATSDR) Minimal Risk Levels (ATSDR, 2017), Health Effects Summary Tables (EPA, 1997), and California Environmental Protection Agency Toxicity Criteria Database (2019).

The noncarcinogenic toxicity values are provided in RAGS Part D Tables 5.1 and 5.2 of Attachment H-1, and the carcinogenic toxicity values are provided in RAGS Part D Tables 6.1 and 6.2 of Attachment H-1.

4.1 Non-carcinogenic Toxicity Values

Non-carcinogenic health effects were quantified by comparing intakes or exposures to either RfDs or RfCs. In general, the RfD and RfC are estimates (with uncertainty spanning perhaps an order of magnitude) of daily exposures to the human population (including sensitive subgroups) that are likely to be without an appreciable risk of deleterious effects during a lifetime of exposure (EPA, 1989). The oral RfD is used to estimate adverse effects from the oral route of exposure. The RfC is used to estimate adverse effects from inhalation exposure.

Chronic and subchronic RfDs and RfCs were used in the HHRA. EPA considers exposure durations between 2 weeks and 7 years to be subchronic exposures, in comparison to chronic exposures of more than 7 years. Therefore, subchronic toxicity values were used for a construction/utility worker scenario; however, if subchronic toxicity values were not available, chronic toxicity values were used as a conservative approach.

4.2 Carcinogenic Toxicity Values

Carcinogenic toxicity values (CSFs and IURs) were used in evaluating potential carcinogenic effects associated with exposure to known, probable, or possible carcinogens having a EPA weight-of-evidence classification of A, B, or C, respectively. In accordance with risk assessment guidance (EPA, 1989), CSFs and IURs were used to estimate upper-bound lifetime statistical probabilities of a hypothetical individual developing cancer as a result of exposure to a potential carcinogen.

4.3 Derivation of Dermal Toxicity Values

Oral RfDs and CSFs were converted to dermal RfDs and CSFs using gastrointestinal absorption factors. The values used for this conversion were obtained from RAGS, Part E, Section 4.2 and Exhibit 4-1 (EPA, 2004). Following EPA's recommendation, such a conversion is needed only when a chemical has a gastrointestinal absorption factor of less than 50 percent. If a chemical-specific gastrointestinal absorption factor was not available, gastrointestinal absorption of the chemical was assumed to be 100 percent, and the oral RfD (or oral CSF) was used as the dermal RfD (or dermal CSF) without adjustment.

SECTION 4 – TOXICITY ASSESSMENT

If the gastrointestinal absorption factor was less than 50 percent, the dermal RfD was derived by multiplying the oral RfD by the gastrointestinal absorption factor:

$$RfD_d = RfD_o \times ABS_{GI}$$

Where:

- RfD_d = Dermal reference dose (milligram per kilogram per day [mg/kg-day])
- RfD_o = Oral reference dose (mg/kg-day)
- ABS_{GI} = Fraction of constituent absorbed in the gastrointestinal tract (unitless)

The dermal CSF was derived by dividing the oral CSF by the gastrointestinal absorption factor:

$$CSF_d = \frac{CSF_o}{ABS_{GI}}$$

Where:

- CSF_d = Dermal cancer slope factor (mg/kg-day)⁻¹
- CSF_o = Oral cancer slope factor (mg/kg-day)⁻¹
- ABS_{GI} = Fraction of constituent absorbed in the gastrointestinal tract (unitless)

The dermal RfDs and CSFs are provided in RAGS Part D Tables 5.1 and 6.1 of Attachment H-1, respectively.

4.4 Toxicity Values for Mutagenic Chemicals

Consistent with the EPA cancer guidelines and supplemental guidance (EPA, 2005a and 2005b, respectively), COPCs that act through a MMOA for carcinogenicity were evaluated using age-dependent adjustment factors (ADAFs) for receptor groups that include children ages 16 and under (i.e., adolescent and child recreational users/trespassers and child residents). An ADAF of 10 was applied to the CSF and IUR for receptors from 0 to 2 years of age, and an ADAF of 3 was applied to the CSF and IUR for receptors from 2 to 6 years of age and 6 to 16 years of age. The equations used to quantify potential risks for mutagenic chemicals are provided in Section 5.3.

SECTION 5

Risk Characterization

Potential human health risks are discussed separately for carcinogenic and noncarcinogenic COPCs because of the different toxicological endpoints, relevant exposure durations, and methods used to estimate risk. EPA Superfund guidance generally considers an acceptable site ELCR range to be within 1 to 100 in a million (1×10^{-6} to 1×10^{-4}). Generally, remedial actions are not warranted for site media with an ELCR of 1×10^{-4} or below, or a hazard index (HI) of 1 or less. The potential risks for Areas 6, 6A, 6B and DSA 1 are summarized in Section 6.4 of the RI Report.

5.1 Approach for Potential Noncarcinogenic Effects

The HHRA evaluated the potential for noncarcinogenic effects by comparing exposure intakes of each COPC over a specified time period (chronic or subchronic) with RfDs derived for similar exposure periods. For the inhalation exposure route, noncarcinogenic effects were evaluated by comparing the exposure concentration (EC) of each COPC with its RfC. This ratio of exposure to toxicity is referred to as an HQ. The HQ assumes that there is a level of exposure below which it is unlikely for even sensitive populations to experience adverse health effects. If the exposure level exceeds this threshold, there is the potential for noncancer health effects to occur. The HQ is calculated as follows:

$$HQ = \frac{Intake}{RfD} \quad \text{or} \quad HQ = \frac{EC}{RfC}$$

Intake and RfD are expressed in the same units (mg/kg-day) and represent the same exposure period (chronic or subchronic). Similarly, inhalation ECs and RfCs are expressed in the same units (milligram per cubic meter [mg/m³]). An HQ that exceeds 1 (that is, intake exceeds the RfD or EC exceeds the RfC) indicates that there is a potential for adverse health effects associated with exposure to that COPC.

To assess the potential for noncarcinogenic health effects posed by exposure to multiple COPCs and exposure routes, an HI was estimated by summing the individual HQs (EPA, 1989). The HI is a sum of noncarcinogenic hazards associated with exposure to more than one COPC and assumes that the exposure from multiple routes are additive. Synergistic or antagonistic interactions between COPCs are not quantified. The HI is equal to the sum of the HQs and is calculated as follows:

$$HI = \frac{I_1}{RfD_1} + \frac{I_2}{RfD_2} + \dots + \frac{I_i}{RfD_i} + \frac{EC_1}{RfC_1} + \frac{EC_2}{RfC_2} + \dots + \frac{EC_j}{RfC_j}$$

where:

- I = Intake level (mg/kg-day)
- RfD = Reference dose (mg/kg-day)
- I_i = Intake level for the "i"th constituent (mg/kg-day)
- RfD_i = Reference dose for the "i"th constituent (mg/kg-day)
- EC = Exposure concentration (mg/m³)
- RfC = Reference concentration (mg/m³)
- EC_j = Exposure concentration for the "j"th constituent (mg/m³)
- RfC_j = Reference concentration for the "j"th constituent (mg/m³)

HI's were calculated in a phased approach. Screening HI's were calculated by summing all HQs for a receptor, and final HI's were calculated for each potential receptor by target organ (or target effect or target system). If a final HI exceeds 1, there is a potential for a noncarcinogenic effect on that target organ/effect/system.

5.2 Approach for Potential Carcinogenic Effects

The potential for carcinogenic effects was evaluated by estimating the ELCR. The ELCR is the incremental increase in the probability of developing cancer during one's lifetime (as a result of exposure to site media) above the probability of developing cancer from non-site exposures.

Potential ELCRs associated with exposure to individual carcinogens were calculated using CSFs and chemical intakes for oral and dermal contact exposures and IURs and ECs for inhalation exposures. The linear low-dose equation was used to estimate the incremental probability of an individual developing cancer over a lifetime as a result of exposure to potential carcinogens. Estimated ELCRs are calculated by multiplying the intake by the CSF or inhalation EC by the IUR.

$$ELCR = Intake \times CSF \quad \text{or} \quad ELCR = Exposure\ Concentration \times IUR$$

The theoretical probability of developing cancer as a consequence of exposure to two or more COPCs and by two or more exposure pathways was calculated by summing the risk estimates for each COPC in the appropriate scenarios using the following equations:

$$Total\ ELCR = (I_1 \times CSF_1) + (I_2 \times CSF_2) + \dots (I_i \times CSF_i) + \\ (EC_1 \times IUR_1) + (EC_2 \times IUR_2) + \dots (EC_j \times IUR_j)$$

where:

- I = Intake level (mg/kg-day)
- CSF = Cancer slope factor (mg/kg-day)⁻¹
- I_i = Intake level for the 'i'th constituent (mg/kg-day)
- CSF_i = Cancer slope factor for the 'i'th constituent (mg/kg-day)⁻¹
- EC = Exposure concentration [microgram per cubic meter (µg/m³)]
- IUR = Inhalation unit risk (µg/m³)⁻¹
- EC_j = Exposure concentration for the 'j'th constituent (µg/m³)
- IUR_j = Inhalation unit risk for the 'j'th constituent (µg/m³)⁻¹

5.3 Approach for Potential Mutagenic Effects

For COPCs acting with a MMOA, the ELCR was calculated using age-dependent adjustment factors (EPA, 2005a, 2005b), based on the equations provided below:

For oral and dermal exposures:

$$ELCR = (10 \times CDI_{0-2\ yrs} + 3 \times CDI_{2-6\ yrs} + 3 \times CDI_{6-16\ yrs} + CDI_{16-26\ yrs}) \times CSF$$

For inhalation exposures:

$$ELCR = (10 \times EC_{0-2\ yrs} + 3 \times EC_{2-6\ yrs} + 3 \times EC_{6-16\ yrs} + EC_{16-26\ yrs}) \times IUR$$

Where:

- CDI(i-jyrs) = Chronic daily intake (mg/kg-day) from i to j years;
- EC(i-jyrs) = Inhalation exposure concentration (mg/m³) from i to j years;
- CSF = Cancer slope factor (mg/kg-day)⁻¹;
- IUR = Inhalation unit risk (mg/m³)⁻¹.

SECTION 6

Uncertainty Analysis

The assumptions used in the HHRA have inherent uncertainty. While it is theoretically possible that this leads to underestimates of potential risk, the use of upper-bound assumptions most likely results in conservative estimates of potential risks. A receptor group's potential exposure and subsequent potential risk are influenced by the exposure scenario and dose/response and vary on a case-by-case basis. The general uncertainties associated with the HHRA are discussed below. Site-specific uncertainties associated with Areas 6, 6A, 6B and DSA 1 are provided in Section 6.5 of the RI Report.

6.1 Data Evaluation and Identification of Chemicals of Potential Concern

The purpose of COPC selection is to determine which constituents, if any, are present at Area 6, 6A, 6B and DSA 1 at concentrations requiring evaluation in the HHRA. Uncertainty with respect to COPC selection can arise from many sources, such as the age and analytical quality of the data used to characterize each area and the process used to select the data and COPCs in the HHRA.

Chemicals that were not detected in an exposure medium were not included in the COPC screening process. However, a separate screening was included in the HHRA for these chemicals and the maximum non-detected values were compared to the respective EPA RSLs. The results of the comparison are provided in Attachment H-5 and are discussed in Section 6.5 of the RI Report.

COPCs were selected by screening the maximum detected concentrations against the EPA's RSLs. A separate screening evaluation was also included that compared maximum detected concentrations against the NJDEP SRS values (see Attachment H-6). The differences and potential uncertainties associated with using the RSLs over the NJDEP SRS values are discussed in Section 6.5 of the RI Report.

The age of the analytical data contributes some uncertainty to the HHRA. Historical data collected in 1994 and 2005 were used to estimate potential exposures and risks. These data may no longer be representative of site conditions since volatilization, leaching, and degradation most likely has occurred over time. The degree of potential overestimation of site concentrations, and risks, is unknown.

6.2 Exposure Assessment

The most significant source of uncertainty associated with the exposure assessment is the underlying assumption that contact with affected media would occur under current land use conditions, and that the land use and human activity patterns assumed for the hypothetical future scenarios would occur.

Most of the exposure pathways analyzed are assumed, and exposure factors used for quantitation of exposure are conservative and reflect worst-case or upper-bound assumptions. For example, the site is not expected to be used for residential use, so the inclusion of this receptor in the assessment is conservative, but is necessary to evaluate unrestricted use. In general, exposures are assumed to occur under conservative and protective assumptions; therefore, estimated risks tend to be biased high for the various receptors.

The future exposure scenarios for a hypothetical resident and construction/utility worker add additional conservatism by assuming that the subsurface soil will be mixed with surface soil during any future construction activities.

EPCs were based on UCLs or maximum detected concentrations which could lead to an overestimation of average exposure because receptors are assumed to be exposed to the UCL or maximum detected

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concentration for the entire exposure duration. It is also noted that using the sample maximum is not necessarily a conservative estimate of the EPC because concentrations in the environmental medium could be greater than the maximum concentration from the sample population.

6.3 Toxicity Assessment

Carcinogenic slope factors developed by the EPA represent upper bound estimates. Any carcinogenic risks generated by this assessment should be regarded as an upper bound estimate on the potential carcinogenic risks rather than an accurate representation of carcinogenic risk. The true carcinogenic risk is likely to be less than the predicted value.

6.4 Risk Characterization

The uncertainties identified in each component of the HHRA ultimately contribute to uncertainty in risk characterization. The addition of risks and HIs across pathways and chemicals contributes to uncertainty based on the interaction of chemicals, such as additivity, synergism, potentiation, and susceptibility of exposed receptors. The simple assumption of additivity used for this site may or may not be accurate and may over- or under-estimate risk.

SECTION 7

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Table

Table H-1. Relative Potency Factors and Toxic Equivalence Factors*Areas 6, 6A, 6B, and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey*

Carcinogenic PAHs^a	RPF
Benzo(a)anthracene	0.1
Benzo(a)pyrene	1
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.01
Chrysene	0.001
Dibenz(a,h)anthracene	1
Indeno(1,2,3-c,d)Pyrene	0.1
Dioxins/Furans^b	TEF
2,3,7,8-Tetrachlorodibenzofuran	0.1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1
Octachlorodibenzofuran	0.0003
Octachlorodibenzo-p-dioxin	0.0003

Notes:

^a Source: U.S. Environmental Protection Agency (EPA). 1993. *Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons*. EPA/600/R-93/089. July.

^b 2,3,7,8-TCDD TEFs were developed by the World Health Organization and published in *The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds* (Van den Berg et al., 2006).

RPF = relative potency factor

BAP = benzo(a)pyrene

PAH = polycyclic aromatic hydrocarbon

TCDD = 2,3,7,8-tetrachlorodibenzo-p-dioxin

TEF = toxic equivalence factor

TEQ = toxic equivalent

Attachment H-1 RAGS Part D Tables

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 1
SELECTION OF EXPOSURE PATHWAYS
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age	Exposure Route	On-Site/ Off-Site	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
Current/Future	Surface Soil	Surface Soil	Surface Soil (0-2 feet bgs)	Maintenance Worker	Adult	Dermal	On-site	Quant	Maintenance workers may contact surface soil while working at the site.
						Ingestion	On-site	Quant	Maintenance workers could incidentally ingest surface soil while working at the site.
		Ambient Air	Emissions from Surface Soil (0-2 feet bgs)	Maintenance Worker	Adult	Inhalation	On-site	Quant	Maintenance workers could inhale vapors and dust from surface soil while working at the site.
Future	Surface Soil	Surface Soil	Surface Soil (0-2 feet bgs)	Industrial/ Commercial Worker	Adult	Dermal	On-site	Quant	Industrial or commercial workers could contact surface soil while working at the site.
						Ingestion	On-site	Quant	Industrial or commercial workers could incidentally ingest surface soil while working at the site.
				Recreational User/ Trespasser	Adult, Adolescent, Child	Dermal	On-site	Quant	Recreational users or trespassers could contact surface soil while at the site.
						Ingestion	On-site	Quant	Recreational users or trespassers could incidentally ingest surface soil while at the site.
				Resident	Adult, Child	Dermal	On-site	Quant	Hypothetical future residents could contact surface soil if the site is developed for residential use.
						Ingestion	On-site	Quant	Hypothetical future residents could incidentally ingest surface soil if the site is developed for residential use.
		Ambient Air	Emissions from Surface Soil (0-2 feet bgs)	Industrial/ Commercial Worker	Adult	Inhalation	On-site	Quant	Industrial or commercial workers could inhale vapors and dust from surface soil while working at the site.
						Inhalation	On-site	Quant	Recreational users or trespassers could inhale vapors and dust from surface soil.
				Resident	Adult, Child	Inhalation	On-site	Quant	Hypothetical future residents could inhale vapors and dust from surface soil if the site is developed for residential use.
						Inhalation	On-site	Quant	Hypothetical future residents could inhale vapors and dust from surface and subsurface soil (i.e., total soil) if the site is developed for residential use and the soil becomes comingled during construction activities.
		Total Soil	Total Soil (0-7.7 feet bgs)	Resident	Adult, Child	Dermal	On-site	Quant	Hypothetical future residents could contact surface and subsurface soil (i.e., total soil) if the site is developed for residential use and the soil becomes comingled during construction activities.
						Ingestion	On-site	Quant	Hypothetical future residents could incidentally ingest surface and subsurface soil (i.e., total soil) if the site is developed for residential use and the soil becomes comingled during construction activities.
				Construction/ Utility Worker	Adult	Dermal	On-site	Quant	Construction or utility workers may contact surface and subsurface soil (i.e., total soil) while working at the site.
						Ingestion	On-site	Quant	Construction or utility workers could incidentally ingest surface and subsurface soil (i.e., total soil) while working at the site.
		Ambient Air	Emissions from Total Soil (0-7.7 feet bgs)	Resident	Adult, Child	Inhalation	On-site	Quant	Hypothetical future residents could inhale vapors and dust from surface and subsurface soil (i.e., total soil) if the site is developed for residential use and the soil becomes comingled during construction activities.
						Inhalation	On-site	Quant	Construction or utility workers could inhale vapors and dust from surface and subsurface soil (i.e., total soil) while working at the site.
	Surface Water	Surface Water	Surface Water	Recreational User/ Trespasser	Adult, Adolescent, Child	Dermal	On-site	Quant	Recreational users or trespassers could contact surface water at the site.
						Ingestion	On-site	Quant	Recreational users or trespassers could incidentally ingest surface water at the site.
	Sediment	Sediment	Sediment	Recreational User/ Trespasser	Adult, Adolescent, Child	Dermal	On-site	Quant	Recreational users or trespassers could contact sediment at the site.
						Ingestion	On-site	Quant	Recreational users or trespassers could incidentally ingest sediment at the site.

Notes:
bgs: below ground surface
Quant: Quantitative

TABLE 2.1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future, Future
Medium: Surface Soil
Exposure Medium: Surface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier		Maximum Concentration Qualifier		Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value (6)	Potential ARAR/TBC Source (6)	COPC Flag	Rationale for Selection or Deletion (4)
Surface Soil and Emissions from Surface Soil (0-2 feet bgs)	91-57-6	2-METHYLNAPHTHALENE	1.5E-01	J	1.5E-01	J	mg/kg	0621	1 / 39	3.50E-01 - 1.40E+00	1.5E-01	NA	2.4E+01 n	NA	NA	No	BSL
	83-32-9	ACENAPHTHENE	1.7E-01	J	1.7E-01	J	mg/kg	0621	1 / 39	3.50E-01 - 1.40E+00	1.7E-01	NA	3.6E+02 n	NA	NA	No	BSL
	120-12-7	ANTHRACENE	5.1E-02	J	8.5E-02	J	mg/kg	0616	3 / 39	3.50E-01 - 1.40E+00	8.5E-02	NA	1.8E+03 n	NA	NA	No	BSL
	BAPTEQ	BEQ	2.8E-01		1.4E+00		mg/kg	0608	31 / 39	-	1.4E+00	NA	1.1E-01 c	NA	NA	Yes	ASL
	56-55-3	BENZO(A)ANTHRACENE	4.4E-02	J	2.8E-01	J	mg/kg	0601	27 / 39	3.50E-01 - 1.40E+00	2.8E-01	NA	1.1E+00 c	NA	NA	No	BSL (5)
	50-32-8	BENZO(A)PYRENE	4.7E-02	J	3.6E-01	J	mg/kg	0601	20 / 39	3.50E-01 - 1.40E+00	3.6E-01	NA	1.1E-01 c	NA	NA	Yes	ASL (5)
	205-99-2	BENZO(B)FLUORANTHENE	6.8E-02	J	7.6E-01	J	mg/kg	0601	30 / 39	3.50E-01 - 1.40E+00	7.6E-01	NA	1.1E+00 c	NA	NA	No	BSL (5)
	191-24-2	BENZO(G,H,I)PERYLENE	1.2E-01	J	2.6E-01	J	mg/kg	0611	6 / 39	3.50E-01 - 1.40E+00	2.6E-01	NA	1.8E+02 n	NA	NA	No	BSL
	207-08-9	BENZO(K)FLUORANTHENE	4.8E-02	J	2.3E-01	J	mg/kg	0601	21 / 39	3.50E-01 - 1.40E+00	2.3E-01	NA	1.1E+01 c	NA	NA	No	BSL (5)
	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	6.7E-02	J	2.5E+00	J	mg/kg	0606	18 / 39	3.50E-01 - 1.40E+00	2.5E+00	NA	3.9E+01 c	NA	NA	No	BSL
	85-68-7	BUTYLBENZYLPHTHALATE	1.9E-01	J	1.9E-01	J	mg/kg	0617	1 / 39	3.50E-01 - 1.40E+00	1.9E-01	NA	2.9E+02 c	NA	NA	No	BSL
	218-01-9	CHRYSENE	4.3E-02	J	4.2E-01	J	mg/kg	0610	27 / 39	3.50E-01 - 1.40E+00	4.2E-01	NA	1.1E+02 c	NA	NA	No	BSL (5)
	132-64-9	DIBENZOFURAN	7.2E-02	J	7.2E-02	J	mg/kg	0621	1 / 39	3.50E-01 - 1.40E+00	7.2E-02	NA	7.3E+00 n	NA	NA	No	BSL
	206-44-0	FLUORANTHENE	6.8E-02	J	6.9E-01	J	mg/kg	0601	33 / 39	3.50E-01 - 1.40E+00	6.9E-01	NA	2.4E+02 n	NA	NA	No	BSL
	86-73-7	FLUORENE	1.2E-01	J	1.2E-01	J	mg/kg	0621	1 / 39	3.50E-01 - 1.40E+00	1.2E-01	NA	2.4E+02 n	NA	NA	No	BSL
	193-39-5	INDENO(1,2,3-C,D)PYRENE	7.1E-02	J	2.7E-01	J	mg/kg	0611	12 / 39	3.50E-01 - 1.40E+00	2.7E-01	NA	1.1E+00 c	NA	NA	No	BSL (5)
	91-20-3	NAPHTHALENE	7.1E-02	J	6.6E-01	V	mg/kg	0621	2 / 39	3.50E-01 - 1.40E+00	6.6E-01	NA	3.8E+00 c	NA	NA	No	BSL
	85-01-8	PHENANTHRENE	5.7E-02	J	3.4E-01	J	mg/kg	0601	19 / 39	3.50E-01 - 1.40E+00	3.4E-01	NA	1.8E+03 n	NA	NA	No	BSL
	129-00-0	PYRENE	3.6E-02	J	8.3E-01	J	mg/kg	0601	34 / 39	3.50E-01 - 1.40E+00	8.3E-01	NA	1.8E+02 n	NA	NA	No	BSL
	TCDDTEQ	2,3,7,8-TCDD TEQ	5.5E-06		1.1E-05		mg/kg	06A01	4 / 4	-	1.1E-05	NA	4.8E-06 c	NA	NA	Yes	ASL
	7429-90-5	ALUMINUM	1.8E+03	J	2.9E+04	V	mg/kg	0605	15 / 15	2.30E+00 - 6.50E+00	2.9E+04	2.5E+04	7.7E+03 n	NA	NA	Yes	ASL
	7440-36-0	ANTIMONY	1.2E+00	J,-	5.9E+00	J	mg/kg	0610	15 / 53	6.90E-01 - 3.10E+00	5.9E+00	5.4E+00	3.1E+00 n	NA	NA	Yes	ASL
	7440-38-2	ARSENIC	4.2E+00	V	2.4E+02	J	mg/kg	0603	55 / 55	7.40E-01 - 1.07E+01	2.4E+02	1.8E+02	6.8E-01 c	NA	NA	Yes	ASL
	7440-39-3	BARIUM	9.3E+00	J	1.5E+03	J	mg/kg	0615	53 / 53	1.20E-01 - 5.50E-01	1.5E+03	2.2E+02	1.5E+03 n	NA	NA	No	BSL
	7440-41-7	BERYLLIUM	2.7E-01	V	1.3E+00	J	mg/kg	0612	34 / 53	1.20E-01 - 5.50E-01	1.3E+00	1.6E+00	1.6E+01 n	NA	NA	No	BSL
	7440-43-9	CADMIUM	4.9E-02	J,-	1.6E+01	V	mg/kg	06A05	25 / 50	4.10E-02 - 4.30E-01	1.6E+01	3.4E+00	7.1E+00 n	NA	NA	Yes	ASL
	7440-70-2	CALCIUM	1.7E+02	V	1.0E+05	V	mg/kg	0617	15 / 15	1.10E+00 - 5.60E+00	1.0E+05	5.9E+03	NUT	NA	NA	No	NUT
	7440-47-3	CHROMIUM	9.1E+00	J	2.2E+02	J	mg/kg	06A02	53 / 53	3.30E-01 - 1.50E+00	2.2E+02	2.0E+02	1.2E+04 n	NA	NA	No	BSL
	7440-48-4	COBALT	4.0E+00	J	1.1E+01	V	mg/kg	0605	14 / 15	2.60E-01 - 8.90E-01	1.1E+01	1.9E+01	2.3E+00 n	NA	NA	Yes	ASL
	7440-50-8	COPPER	5.5E+00	J	2.9E+02	J	mg/kg	0601	53 / 53	1.60E-01 - 7.40E-01	2.9E+02	6.3E+02	3.1E+02 n	NA	NA	No	BSL
	57-12-5	CYANIDE	9.2E-01	V	9.2E-01	V	mg/kg	0609	1 / 12	4.70E-01 - 1.20E+00	9.2E-01	NA	2.3E+00 n	NA	NA	No	BSL
	7439-89-6	IRON	8.3E+03	V	5.4E+04	J	mg/kg	0602	15 / 15	4.40E-01 - 1.30E+00	5.4E+04	6.7E+04	5.5E+03 n	NA	NA	Yes	ASL
	7439-92-1	LEAD	1.0E+01	V	3.0E+02	V	mg/kg	0606	48 / 55	3.40E-01 - 8.40E+00	3.0E+02	2.9E+02	4.0E+02 L	NA	NA	No	BSL
	7439-95-4	MAGNESIUM	2.6E+02	J	6.9E+03	V	mg/kg	0605	15 / 15	3.50E+00 - 1.04E+01	6.9E+03	1.1E+04	NUT	NA	NA	No	NUT

TABLE 2.1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future, Future
Medium: Surface Soil
Exposure Medium: Surface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier		Maximum Concentration Qualifier		Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value (6)	Potential ARAR/TBC Source (6)	COPC Flag	Rationale for Selection or Deletion (4)	
Surface Soil and Emissions from Surface Soil (0-2 feet bgs)	7439-96-5	MANGANESE	1.4E+01	J	3.0E+02	V	mg/kg	0605	15 / 15	7.40E-02 - 2.40E-01	3.0E+02	6.0E+02	1.8E+02	n	NA	NA	Yes	ASL
	7439-97-6	MERCURY	1.0E-01	V	2.4E+00	J	mg/kg	0612	34 / 53	7.90E-02 - 3.80E-01	2.4E+00	3.6E+00	2.3E+00	n	NA	NA	Yes	ASL
	7440-02-0	NICKEL	2.7E+00	J	3.7E+01	J	mg/kg	0610	53 / 53	1.00E+00 - 4.60E+00	3.7E+01	5.2E+01	1.5E+02	n	NA	NA	No	BSL
	7440-09-7	POTASSIUM	5.1E+02	J	5.6E+03	J	mg/kg	0602	15 / 15	4.44E+01 - 1.24E+02	5.6E+03	5.7E+03	NUT		NA	NA	No	NUT
	7782-49-2	SELENIUM	1.9E-01	V	2.0E+01	J	mg/kg	0612	41 / 53	1.40E-01 - 3.50E+00	2.0E+01	9.5E+00	3.9E+01	n	NA	NA	No	BSL
	7440-22-4	SILVER	2.0E-01	V	5.4E+00	J	mg/kg	0608	32 / 53	2.00E-01 - 9.00E-01	5.4E+00	6.6E+00	3.9E+01	n	NA	NA	No	BSL
	7440-23-5	SODIUM	8.4E+01	V	1.6E+03	J	mg/kg	0602	13 / 15	1.20E+00 - 3.50E+00	1.6E+03	2.6E+04	NUT		NA	NA	No	NUT
	7440-28-0	THALLIUM	9.9E-01	V	3.4E+00	J	mg/kg	0602	9 / 53	1.60E-01 - 4.10E+00	3.4E+00	1.0E+00	7.8E-02	n	NA	NA	Yes	ASL
	7440-62-2	VANADIUM	1.1E+01	J	8.6E+01	J	mg/kg	0602	15 / 15	2.00E-01 - 5.70E-01	8.6E+01	1.2E+02	3.9E+01	n	NA	NA	Yes	ASL
	7440-66-6	ZINC	1.7E+01	J	3.2E+02	J	mg/kg	06A06	53 / 53	2.10E-01 - 9.40E-01	3.2E+02	7.1E+02	2.3E+03	n	NA	NA	No	BSL
	72-54-8	4,4-DDD	2.0E-03	V	7.6E-02	J	mg/kg	0611	5 / 39	8.30E-03 - 3.10E-01	7.6E-02	NA	1.9E-01	n	NA	NA	No	BSL
	72-55-9	4,4-DDE	1.4E-02	J	1.4E-01	J	mg/kg	0611	2 / 39	8.30E-03 - 3.10E-01	1.4E-01	NA	2.0E+00	c	NA	NA	No	BSL
	50-29-3	4,4-DDT	1.6E-03	J	1.2E+00	J	mg/kg	0611	17 / 39	8.30E-03 - 3.10E-01	1.2E+00	NA	1.9E+00	c	NA	NA	No	BSL
	309-00-2	ALDRIN	1.6E-03	V	1.6E-03	V	mg/kg	0621	1 / 39	4.10E-03 - 1.50E-01	1.6E-03	NA	3.9E-02	c	NA	NA	No	BSL
	1024-57-3	HEPTACHLOR EPOXIDE	1.2E-03	V	3.0E-02	J	mg/kg	0603	2 / 39	4.10E-03 - 1.50E-01	3.0E-02	NA	7.0E-02	c	NA	NA	No	BSL
	78-93-3	2-BUTANONE	2.7E-02	V	6.3E-02	J	mg/kg	0601	2 / 39	1.10E-02 - 4.20E-02	6.3E-02	NA	2.7E+03	n	NA	NA	No	BSL
	67-64-1	ACETONE	1.3E-01	V	1.3E-01	V	mg/kg	0617, 0621	2 / 39	1.10E-02 - 4.20E-02	1.3E-01	NA	6.1E+03	n	NA	NA	No	BSL
	71-43-2	BENZENE	7.0E-03	J	7.0E-03	J	mg/kg	0615	1 / 39	5.00E-03 - 2.10E-02	7.0E-03	NA	1.2E+00	c	NA	NA	No	BSL
	75-15-0	CARBON DISULFIDE	8.0E-03	V	2.7E-02	V	mg/kg	0611	3 / 39	5.00E-03 - 2.10E-02	2.7E-02	NA	7.7E+01	n	NA	NA	No	BSL
	75-09-2	METHYLENE CHLORIDE	1.7E-02	V	1.0E-01	J	mg/kg	0616	5 / 39	5.00E-03 - 2.10E-02	1.0E-01	NA	3.5E+01	n	NA	NA	No	BSL
	108-88-3	TOLUENE	3.0E-03	J	3.0E-03	J	mg/kg	0602	1 / 39	5.00E-03 - 2.10E-02	3.0E-03	NA	4.9E+02	n	NA	NA	No	BSL
	1330-20-7	XYLENES (TOTAL)	9.0E-03	V	9.0E-03	V	mg/kg	0621	1 / 39	5.00E-03 - 2.10E-02	9.0E-03	NA	5.8E+01	n	NA	NA	No	BSL

[1] Maximum concentration is used for screening.

[2] Background soil values are the 95% upper tolerance limit with 95% coverage (95/95 UTL) for the dredge spoil areas (DSAs).

[3] Regional Screening Levels for Residential Soil (November 2018). Concentrations for non-carcinogenic health effects are based on a HQ=0.1.
RSL value for pyrene used for benzo(g,h,i)perylene.
RSL value for anthracene used for phenanthrene.
RSL value for trivalent chromium used for total chromium.
RSL value for mercuric chloride (and other mercury salts) used for mercury.
RSL value for thallium soluble salts used for thallium.

[4] Rationale Codes

COPC = Chemical of Potential Concern

ARAR/TBC = Applicable or Relevant and Appropriate Requirement/
To Be Considered

BEQ = Benzo(a)pyrene equivalent

c = Carcinogenic

HQ = Hazard quotient

HHRA = Human Health Risk Assessment

J = result is estimated

J - = result is estimated, biased low

mg/kg = milligram per kilogram

NA = Not available

n = Noncarcinogenic

PAH = Polycyclic aromatic hydrocarbon

TABLE 2.1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future, Future
Medium: Surface Soil
Exposure Medium: Surface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value (6)	Potential ARAR/TBC Source (6)	COPC Flag	Rationale for Selection or Deletion (4)
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Selection Reason: Above Screening Levels (ASL)
Deletion Reason: No Toxicity Information (NTX)
Essential Nutrient (NUT)
Below Screening Level (BSL)

RSL = Regional Screening Level
V = Detected Value
2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

- [5]

Carcinogenic PAHs [benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene] will be addressed in the HHRA as 'BEQ'.
- [6]

No ARAR/TBC values are needed for Areas 6, 6A, and 6B.

TABLE 2.2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier		Maximum Concentration Qualifier		Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value (6)	Potential ARAR/TBC Source (6)	COPC Flag	Rationale for Selection or Deletion (4)	
Subsurface Soil and Emissions from Subsurface Soil (2-7.7 feet bgs)	120-12-7	ANTHRACENE	3.8E-02	J	5.6E-02	J	mg/kg	06B05	2 / 11	3.70E-01 - 7.90E-01	5.6E-02	NA	1.8E+03	n	NA	NA	No	BSL
	BAPTEQ	BEQ	2.8E-01		5.6E-01		mg/kg	06B05	8 / 11	-	5.6E-01	NA	1.1E-01	c	NA	NA	Yes	ASL
	56-55-3	BENZO(A)ANTHRACENE	7.0E-02	J	2.3E-01	J	mg/kg	06B05	8 / 11	3.70E-01 - 7.90E-01	2.3E-01	NA	1.1E+00	c	NA	NA	No	BSL (5)
	50-32-8	BENZO(A)PYRENE	4.9E-02	J	2.3E-01	J	mg/kg	06B05	8 / 11	3.70E-01 - 7.90E-01	2.3E-01	NA	1.1E-01	c	NA	NA	Yes	ASL (5)
	205-99-2	BENZO(B)FLUORANTHENE	6.4E-02	J	3.5E-01	J	mg/kg	06B02, 06B05	8 / 11	3.70E-01 - 7.90E-01	3.5E-01	NA	1.1E+00	c	NA	NA	No	BSL (5)
	191-24-2	BENZO(G,H,I)PERYLENE	6.1E-02	J	1.8E-01	J	mg/kg	06B05	6 / 11	3.70E-01 - 7.90E-01	1.8E-01	NA	1.8E+02	n	NA	NA	No	BSL
	207-08-9	BENZO(K)FLUORANTHENE	5.9E-02	J	1.2E-01	J	mg/kg	06B05	6 / 11	3.70E-01 - 7.90E-01	1.2E-01	NA	1.1E+01	c	NA	NA	No	BSL (5)
	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	3.2E-01	J	1.0E+00	V	mg/kg	06B02	2 / 11	3.70E-01 - 7.90E-01	1.0E+00	NA	3.9E+01	c	NA	NA	No	BSL
	218-01-9	CHRYSENE	8.3E-02	J	3.6E-01	J	mg/kg	06B05	8 / 11	3.70E-01 - 7.90E-01	3.6E-01	NA	1.1E+02	c	NA	NA	No	BSL (5)
	206-44-0	FLUORANTHENE	5.4E-02	J	8.1E+00	V	mg/kg	06B06	10 / 11	3.70E-01 - 7.90E-01	8.1E+00	NA	2.4E+02	n	NA	NA	No	BSL
	193-39-5	INDENO(1,2,3-C,D)PYRENE	8.2E-02	J	1.4E-01	J	mg/kg	06B05	6 / 11	3.70E-01 - 7.90E-01	1.4E-01	NA	1.1E+00	c	NA	NA	No	BSL (5)
	85-01-8	PHENANTHRENE	1.3E-01	J	3.1E-01	J	mg/kg	06B05	8 / 11	3.70E-01 - 7.90E-01	3.1E-01	NA	1.8E+03	n	NA	NA	No	BSL
	129-00-0	PYRENE	5.0E-02	J	7.7E+00	V	mg/kg	06B06	10 / 11	3.70E-01 - 7.90E-01	7.7E+00	NA	1.8E+02	n	NA	NA	No	BSL
	TCDDTEQ	2,3,7,8-TCDD TEQ	5.7E-06		2.7E-05		mg/kg	06B06	3 / 3	-	2.7E-05	NA	4.8E-06	c	NA	NA	Yes	ASL
	7429-90-5	ALUMINUM	4.7E+03	V	7.1E+03	V	mg/kg	0621	2 / 2	2.40E+00 - 2.80E+00	7.1E+03	2.5E+04	7.7E+03	n	NA	NA	No	BSL
	7440-36-0	ANTIMONY	2.2E+01	V	3.4E+01	V	mg/kg	06B02	2 / 11	7.50E-01 - 2.30E+00	3.4E+01	5.4E+00	3.1E+00	n	NA	NA	Yes	ASL
	7440-38-2	ARSENIC	1.9E+00	V	4.9E+01	V	mg/kg	06B05	11 / 11	3.40E-01 - 4.60E+00	4.9E+01	1.8E+02	6.8E-01	c	NA	NA	Yes	ASL
	7440-39-3	BARIUM	1.2E+01	J	9.8E+01	J	mg/kg	06B05	11 / 11	1.30E-01 - 2.20E-01	9.8E+01	2.2E+02	1.5E+03	n	NA	NA	No	BSL
	7440-41-7	BERYLLIUM	2.8E-01	V	9.3E-01	V	mg/kg	06B06	10 / 11	1.30E-01 - 1.80E-01	9.3E-01	1.6E+00	1.6E+01	n	NA	NA	No	BSL
	7440-43-9	CADMIUM	6.0E-02	V	5.5E-01	V	mg/kg	06B06	10 / 11	4.80E-02 - 1.80E-01	5.5E-01	3.4E+00	7.1E+00	n	NA	NA	No	BSL
	7440-70-2	CALCIUM	2.8E+02	J	2.8E+02	J	mg/kg	0621	1 / 2	1.20E+00 - 1.20E+00	2.8E+02	5.9E+03	NUT		NA	NA	No	NUT
	7440-47-3	CHROMIUM	1.0E+01	J	6.4E+01	J	mg/kg	06B05	11 / 11	3.50E-01 - 6.60E-01	6.4E+01	2.0E+02	1.2E+04	n	NA	NA	No	BSL
	7440-48-4	COBALT	2.5E+00	V	3.3E+00	V	mg/kg	0621	2 / 2	2.90E-01 - 3.30E-01	3.3E+00	1.9E+01	2.3E+00	n	NA	NA	Yes	ASL
	7440-50-8	COPPER	8.1E+00	V	7.4E+01	J	mg/kg	06B05	11 / 11	1.80E-01 - 2.50E-01	7.4E+01	6.3E+02	3.1E+02	n	NA	NA	No	BSL
	7439-89-6	IRON	9.4E+03	V	1.5E+04	V	mg/kg	06B01	2 / 2	4.90E-01 - 4.90E-01	1.5E+04	6.7E+04	5.5E+03	n	NA	NA	Yes	ASL
	7439-92-1	LEAD	1.0E+01	V	1.0E+02	J	mg/kg	06B05	10 / 11	6.40E-01 - 2.70E+00	1.0E+02	2.9E+02	4.0E+02	L	NA	NA	No	BSL
	7439-95-4	MAGNESIUM	3.2E+02	J,+	4.8E+02	J,+	mg/kg	0621	2 / 2	3.90E+00 - 3.90E+00	4.8E+02	1.1E+04	NUT		NA	NA	No	NUT
	7439-96-5	MANGANESE	3.5E+01	J,+	9.6E+01	J	mg/kg	0621	2 / 2	7.70E-02 - 2.10E-01	9.6E+01	6.0E+02	1.8E+02	n	NA	NA	No	BSL
	7439-97-6	MERCURY	1.5E-01	V	5.9E-01	V	mg/kg	06B05	4 / 11	8.00E-02 - 1.50E-01	5.9E-01	3.6E+00	2.3E+00	n	NA	NA	No	BSL
	7440-02-0	NICKEL	3.6E+00	V	1.5E+01	V	mg/kg	06B06	11 / 11	1.10E+00 - 1.50E+00	1.5E+01	5.2E+01	1.5E+02	n	NA	NA	No	BSL
	7440-09-7	POTASSIUM	4.7E+02	J,+	5.6E+02	V	mg/kg	06B01	2 / 2	4.60E+01 - 8.48E+01	5.6E+02	5.7E+03	NUT		NA	NA	No	NUT
	7782-49-2	SELENIUM	8.5E-01	V	3.9E+00	V	mg/kg	06B05	5 / 11	1.70E-01 - 1.10E+00	3.9E+00	9.5E+00	3.9E+01	n	NA	NA	No	BSL
	7440-22-4	SILVER	3.7E-01	V	1.3E+00	V	mg/kg	06B05	5 / 11	2.10E-01 - 3.20E-01	1.3E+00	6.6E+00	3.9E+01	n	NA	NA	No	BSL

TABLE 2.2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value (6)	Potential ARAR/TBC Source (6)	COPC Flag	Rationale for Selection or Deletion (4)			
Subsurface Soil and Emissions from Subsurface Soil (2-7.7 feet bgs)	7440-23-5	SODIUM	3.7E+02	V	3.7E+02	V	mg/kg	0621	1 / 2	1.30E+00 - 1.60E+00	3.7E+02	2.6E+04	NUT	NA	NA	No	NUT	
	7440-62-2	VANADIUM	1.6E+01	V	4.0E+01	V	mg/kg	06B01	2 / 2	2.10E-01 - 3.00E-01	4.0E+01	1.2E+02	3.9E+01	n	NA	NA	Yes	ASL
	7440-66-6	ZINC	1.6E+01	V	9.9E+01	V	mg/kg	06B06	11 / 11	2.20E-01 - 3.00E-01	9.9E+01	7.1E+02	2.3E+03	n	NA	NA	No	BSL
	72-54-8	4,4-DDD	1.2E-02	V	9.2E-02	V	mg/kg	06B05	7 / 11	8.80E-03 - 4.70E-01	9.2E-02	NA	1.9E-01	n	NA	NA	No	BSL
	72-55-9	4,4-DDE	2.6E-03	V	7.5E-02	V	mg/kg	06B05	5 / 11	8.80E-03 - 4.70E-01	7.5E-02	NA	2.0E+00	c	NA	NA	No	BSL
	50-29-3	4,4-DDT	2.2E-03	V	8.3E-02	V	mg/kg	06B05	5 / 11	8.80E-03 - 4.70E-01	8.3E-02	NA	1.9E+00	c	NA	NA	No	BSL
	309-00-2	ALDRIN	1.1E-03	V	1.8E-02	J	mg/kg	06B02	3 / 11	4.40E-03 - 2.40E-01	1.8E-02	NA	3.9E-02	c	NA	NA	No	BSL
	1024-57-3	HEPTACHLOR EPOXIDE	1.1E-03	V	1.1E-01	V	mg/kg	06B06	5 / 11	4.40E-03 - 2.40E-01	1.1E-01	NA	7.0E-02	c	NA	NA	Yes	ASL
	78-93-3	2-BUTANONE	1.1E-02	J	2.7E-02	V	mg/kg	06B03	4 / 11	1.10E-02 - 1.60E-02	2.7E-02	NA	2.7E+03	n	NA	NA	No	BSL
	67-64-1	ACETONE	1.2E-01	V	2.7E-01	V	mg/kg	06B03	2 / 11	1.10E-02 - 1.60E-02	2.7E-01	NA	6.1E+03	n	NA	NA	No	BSL
75-15-0	CARBON DISULFIDE	6.0E-03	J	6.0E-03	J	mg/kg	06B03	1 / 11	6.00E-03 - 8.00E-03	6.0E-03	NA	7.7E+01	n	NA	NA	No	BSL	

[1] Maximum concentration is used for screening.

[2] Background soil values are the 95% upper tolerance limit with 95% coverage (95/95 UTL) for the dredge spoil areas (DSAs).

[3] Regional Screening Levels for Residential Soil (November 2018). Concentrations for non-carcinogenic health effects are based on a HQ=0.1.
RSL value for pyrene used for benzo(g,h,i)perylene.
RSL value for anthracene used for phenanthrene.
RSL value for trivalent chromium used for total chromium.
RSL value for mercuric chloride (and other mercury salts) used for mercury.

[4] Rationale Codes

Selection Reason: Above Screening Levels (ASL)
Deletion Reason: No Toxicity Information (NTX)
Essential Nutrient (NUT)
Below Screening Level (BSL)

[5] Carcinogenic PAHs [benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene] will be addressed in the HHRA as 'BEQ'.

[6] No ARAR/TBC values are needed for Areas 6, 6A, and 6B.

COPC = Chemical of Potential Concern

ARAR/TBC = Applicable or Relevant and Appropriate Requirement/
To Be Considered

BEQ = Benzo(a)pyrene equivalent

c = Carcinogenic

HQ = Hazard quotient

HHRA = Human Health Risk Assessment

J = result is estimated

J - = result is estimated, biased low

J + = result is estimated, biased high

mg/kg = milligram per kilogram

NA = Not available

n = Noncarcinogenic

NJDEP = New Jersey Department of Environmental Protection

PAH = Polycyclic aromatic hydrocarbon

RSL = Regional Screening Level

V = Detected Value

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

TABLE 2.3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Water
Exposure Medium: Surface Water

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier		Maximum Concentration Qualifier		Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value	Screening Toxicity Value (2)		Potential ARAR/TBC Value (4)	Potential ARAR/TBC Source (4)	COPC Flag	Rationale for Selection or Deletion (3)
Surface Water	106-44-5	4-METHYLPHENOL	2.0E+01	V	2.0E+01	V	µg/L	SW0602	1 / 25	1.00E+01 - 1.10E+01	2.0E+01	NA	1.9E+02	n	NA	NA	No	BSL
	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	4.0E+00	J	6.1E+01	V	µg/L	SW0614	2 / 25	1.00E+01 - 1.10E+01	6.1E+01	NA	5.6E+00	c	NA	NA	Yes	ASL
	84-66-2	DIETHYL PHTHALATE	1.0E+00	J	2.0E+00	J	µg/L	SW0616	3 / 25	1.00E+01 - 1.10E+01	2.0E+00	NA	1.5E+03	n	NA	NA	No	BSL
	108-95-2	PHENOL	1.0E+00	J	3.0E+00	J	µg/L	SW0606	4 / 25	1.00E+01 - 1.10E+01	3.0E+00	NA	5.8E+02	n	NA	NA	No	BSL
	7429-90-5	ALUMINUM, DISSOLVED	3.3E+01	B	1.8E+02	B	µg/L	SW0630	4 / 4	2.00E+02 - 2.00E+02	1.8E+02	NA	2.0E+03	n	NA	NA	No	BSL
	7440-36-0	ANTIMONY, DISSOLVED	3.8E+00	B	3.8E+00	B	µg/L	SW0632	1 / 4	1.00E+01 - 1.00E+01	3.8E+00	NA	7.8E-01	n	NA	NA	Yes	ASL
	7440-38-2	ARSENIC, DISSOLVED	2.5E+00	B	5.1E+00	B	µg/L	SW0632	3 / 4	1.00E+01 - 1.00E+01	5.1E+00	NA	5.2E-02	c	NA	NA	Yes	ASL
	7440-39-3	BARIUM, DISSOLVED	3.9E+01	B,E	8.3E+01	B,E	µg/L	SW0631	3 / 3	2.00E+02 - 2.00E+02	8.3E+01	NA	3.8E+02	n	NA	NA	No	BSL
	7440-41-7	BERYLLIUM, DISSOLVED	1.1E-01	B	9.9E-01	B	µg/L	SW0630	4 / 4	5.00E+00 - 5.00E+00	9.9E-01	NA	2.5E+00	n	NA	NA	No	BSL
	7440-43-9	CADMIUM, DISSOLVED	2.8E-01	B	3.8E-01	B	µg/L	SW0631	2 / 4	5.00E+00 - 5.00E+00	3.8E-01	NA	9.2E-01	n	NA	NA	No	BSL
	7440-70-2	CALCIUM, DISSOLVED	1.0E+05	V	2.2E+05	V	µg/L	SW0632	4 / 4	5.00E+03 - 5.00E+03	2.2E+05	NA	NUT		NA	NA	No	NUT
	7440-48-4	COBALT, DISSOLVED	6.5E-01	B	5.6E+01	V	µg/L	SW0630	4 / 4	5.00E+00 - 5.00E+00	5.6E+01	NA	6.0E-01	n	NA	NA	Yes	ASL
	7440-50-8	COPPER, DISSOLVED	1.0E+00	B	4.3E+00	B	µg/L	SW0630	4 / 4	5.00E+00 - 5.00E+00	4.3E+00	NA	8.0E+01	n	NA	NA	No	BSL
	7439-89-6	IRON, DISSOLVED	4.8E+01	B	2.0E+02	V	µg/L	SW0634	4 / 4	1.00E+02 - 1.00E+02	2.0E+02	NA	1.4E+03	n	NA	NA	No	BSL
	7439-92-1	LEAD, DISSOLVED	1.6E+00	B	1.6E+00	B	µg/L	SW0630	1 / 4	3.00E+00 - 3.00E+00	1.6E+00	NA	1.5E+01	L	NA	NA	No	BSL
	7439-95-4	MAGNESIUM, DISSOLVED	3.5E+04	V	3.8E+05	V	µg/L	SW0631	4 / 4	5.00E+03 - 5.00E+05	3.8E+05	NA	NUT		NA	NA	No	NUT
	7439-96-5	MANGANESE, DISSOLVED	1.0E+02	V	1.2E+03	V	µg/L	SW0630	4 / 4	1.00E+01 - 1.00E+01	1.2E+03	NA	4.3E+01	n	NA	NA	Yes	ASL
	7440-02-0	NICKEL, DISSOLVED	1.7E+00	B	4.7E+01	V	µg/L	SW0630	4 / 4	4.00E+01 - 4.00E+01	4.7E+01	NA	3.9E+01	n	NA	NA	Yes	ASL
	7440-09-7	POTASSIUM, DISSOLVED	9.1E+04	E	2.8E+05	V	µg/L	SW0632	4 / 4	5.00E+03 - 2.50E+04	2.8E+05	NA	NUT		NA	NA	No	NUT
	7782-49-2	SELENIUM, DISSOLVED	1.8E+01	V	4.6E+01	V	µg/L	SW0632	4 / 4	5.00E+00 - 5.00E+00	4.6E+01	NA	1.0E+01	n	NA	NA	Yes	ASL
	7440-22-4	SILVER, DISSOLVED	7.0E-01	B	7.4E-01	B	µg/L	SW0632	2 / 4	5.00E+00 - 5.00E+00	7.4E-01	NA	9.4E+00	n	NA	NA	No	BSL
	7440-23-5	SODIUM, DISSOLVED	2.8E+05	V	3.0E+06	V	µg/L	SW0631	4 / 4	1.00E+05 - 5.00E+05	3.0E+06	NA	NUT		NA	NA	No	NUT
	7440-28-0	THALLIUM, DISSOLVED	3.9E+00	B	5.2E+00	B	µg/L	SW0634	3 / 4	1.00E+01 - 1.00E+01	5.2E+00	NA	2.0E-02	n	NA	NA	Yes	ASL
	7440-62-2	VANADIUM, DISSOLVED	1.1E+00	B	1.1E+00	B	µg/L	SW0632	1 / 4	2.00E+01 - 2.00E+01	1.1E+00	NA	8.6E+00	n	NA	NA	No	BSL
	7440-66-6	ZINC, DISSOLVED	1.2E+02	V	1.2E+02	V	µg/L	SW0630	1 / 4	2.00E+01 - 2.00E+01	1.2E+02	NA	6.0E+02	n	NA	NA	No	BSL
	1946-51-0	AMINO-DNT'S	2.5E-01	V	7.9E-01	V	µg/L	SW0616	5 / 25	1.20E-01 - 1.20E-01	7.9E-01	NA	3.9E+00	n	NA	NA	No	BSL
	7429-90-5	ALUMINUM	2.6E+01	B	6.7E+04	J	µg/L	SW0615	8 / 8	1.59E+01 - 2.00E+02	6.7E+04	NA	2.0E+03	n	NA	NA	Yes	ASL
	7440-36-0	ANTIMONY	9.0E+00	J,-	9.0E+00	J,-	µg/L	SW0602	1 / 29	2.10E+00 - 1.00E+01	9.0E+00	NA	7.8E-01	n	NA	NA	Yes	ASL
	7440-38-2	ARSENIC	4.0E+00	V	5.9E+01	J,-	µg/L	SW0602	9 / 29	2.00E+00 - 2.30E+01	5.9E+01	NA	5.2E-02	c	NA	NA	Yes	ASL
	7440-39-3	BARIUM	1.9E+01	J	1.3E+02	J	µg/L	SW0602	25 / 28	2.90E+00 - 2.00E+02	1.3E+02	NA	3.8E+02	n	NA	NA	No	BSL
	7440-41-7	BERYLLIUM	6.0E-01	J,-	1.2E+01	J,-	µg/L	SW0610, SW0614	8 / 29	6.00E-01 - 5.00E+00	1.2E+01	NA	2.5E+00	n	NA	NA	Yes	ASL
	7440-43-9	CADMIUM	2.2E+00	V	1.8E+01	V	µg/L	SW0615	4 / 29	1.90E+00 - 5.00E+00	1.8E+01	NA	9.2E-01	n	NA	NA	Yes	ASL
	7440-70-2	CALCIUM	3.8E+04	V	2.1E+05	V	µg/L	SW0632	8 / 8	2.24E+01 - 2.50E+04	2.1E+05	NA	NUT		NA	NA	No	NUT
	7440-47-3	CHROMIUM	2.6E+00	B,N	2.6E+02	J,-	µg/L	SW0615	8 / 29	4.40E+00 - 1.00E+01	2.6E+02	NA	2.2E+03	n	NA	NA	No	BSL
	7440-48-4	COBALT	1.1E+00	B	4.8E+01	V	µg/L	SW0630	5 / 8	2.90E+00 - 5.00E+00	4.8E+01	NA	6.0E-01	n	NA	NA	Yes	ASL

TABLE 2.3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Water
Exposure Medium: Surface Water

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value	Screening Toxicity Value (2)	Potential ARAR/TBC Value (4)	Potential ARAR/TBC Source (4)	COPC Flag	Rationale for Selection or Deletion (3)
Surface Water	7440-50-8	COPPER	2.2E+00 V	6.7E+02 V	µg/L	SW0615	27 / 29	1.60E+00 - 5.00E+00	6.7E+02	NA	8.0E+01 n	NA	NA	Yes	ASL
	7439-89-6	IRON	3.1E+02 N	5.6E+04 J	µg/L	SW0615	8 / 8	1.07E+01 - 1.00E+02	5.6E+04	NA	1.4E+03 n	NA	NA	Yes	ASL
	7439-92-1	LEAD	1.8E+00 B	4.6E+02 J	µg/L	SW0602	11 / 29	8.00E-01 - 1.00E+01	4.6E+02	NA	1.5E+01 L	NA	NA	Yes	ASL
	7439-95-4	MAGNESIUM	2.5E+04 V	6.6E+05 V	µg/L	SW0607	8 / 8	2.54E+01 - 2.50E+04	6.6E+05	NA	NUT	NA	NA	No	NUT
	7439-96-5	MANGANESE	1.0E+02 V	1.4E+03 J,-	µg/L	SW0616	8 / 8	4.80E+00 - 5.00E+01	1.4E+03	NA	4.3E+01 n	NA	NA	Yes	ASL
	7439-97-6	MERCURY	1.1E-01 V	3.2E-01 V	µg/L	SW0619	3 / 29	1.00E-01 - 2.00E-01	3.2E-01	NA	5.7E-01 n	NA	NA	No	BSL
	7440-02-0	NICKEL	1.4E+00 B,N	2.2E+02 J,-	µg/L	SW0614	17 / 29	8.10E+00 - 4.00E+01	2.2E+02	NA	3.9E+01 n	NA	NA	Yes	ASL
	7440-09-7	POTASSIUM	3.2E+03 J	2.7E+05 V	µg/L	SW0632	8 / 8	8.20E+02 - 5.00E+03	2.7E+05	NA	NUT	NA	NA	No	NUT
	7782-49-2	SELENIUM	1.9E+00 J,-	4.2E+01 V	µg/L	SW0632	11 / 18	8.00E-01 - 1.30E+01	4.2E+01	NA	1.0E+01 n	NA	NA	Yes	ASL
	7440-22-4	SILVER	7.2E-01 B	9.9E+00 J,-	µg/L	SW0614	6 / 29	2.10E+00 - 5.00E+00	9.9E+00	NA	9.4E+00 n	NA	NA	Yes	ASL
	7440-23-5	SODIUM	4.9E+03 J	5.8E+06 J	µg/L	SW0607	8 / 8	2.78E+01 - 5.00E+05	5.8E+06	NA	NUT	NA	NA	No	NUT
	7440-28-0	THALLIUM	3.9E+00 B,N	6.4E+00 J,-	µg/L	SW0614	2 / 15	1.30E+00 - 1.00E+01	6.4E+00	NA	2.0E-02 n	NA	NA	Yes	ASL
	7440-62-2	VANADIUM	6.5E-01 B	8.3E+01 J,-	µg/L	SW0607	7 / 8	7.40E+00 - 2.00E+01	8.3E+01	NA	8.6E+00 n	NA	NA	Yes	ASL
	7440-66-6	ZINC	2.0E+01 V	6.9E+03 J,-	µg/L	SW0615	13 / 29	4.40E+00 - 2.00E+01	6.9E+03	NA	6.0E+02 n	NA	NA	Yes	ASL
	78-93-3	2-BUTANONE	1.0E+00 J	4.0E+00 J	µg/L	SW0602	4 / 25	5.00E+00 - 5.00E+00	4.0E+00	NA	5.6E+02 n	NA	NA	No	BSL
	67-64-1	ACETONE	3.8E+01 V	3.8E+01 V	µg/L	SW0615	1 / 25	5.00E+00 - 1.00E+01	3.8E+01	NA	1.4E+03 n	NA	NA	No	BSL
	75-15-0	CARBON DISULFIDE	2.0E+00 V	2.0E+00 V	µg/L	SW0602	1 / 25	1.00E+00 - 1.00E+00	2.0E+00	NA	8.1E+01 n	NA	NA	No	BSL
	67-66-3	CHLOROFORM	1.0E-01 J	2.0E-01 J	µg/L	SW0608	2 / 25	1.00E+00 - 1.00E+00	2.0E-01	NA	2.2E-01 c	NA	NA	No	BSL
	74-87-3	CHLOROMETHANE	3.0E-01 J	3.0E-01 J	µg/L	SW0605	1 / 25	2.00E+00 - 2.00E+00	3.0E-01	NA	1.9E+01 n	NA	NA	No	BSL
	108-88-3	TOLUENE	1.0E+00 V	6.0E+00 V	µg/L	SW0602	2 / 25	1.00E+00 - 1.00E+00	6.0E+00	NA	1.1E+02 n	NA	NA	No	BSL
	79-01-6	TRICHLOROETHYLENE	3.0E-01 J	9.0E-01 J	µg/L	SW0616	6 / 25	1.00E+00 - 1.00E+00	9.0E-01	NA	2.8E-01 n	NA	NA	Yes	ASL

[1]

Maximum concentration is used for screening.

[2]

Regional Screening Levels for Tapwater (November 2018). Concentrations for non-carcinogenic health effects are based on an HQ=0.1.
RSL value for 2-Amino-4,6-Dinitrotoluene and 4-Amino-2,6-Dinitrotoluene used for Amino-DNTs
RSL value for trivalent chromium used for total chromium.
RSL value for mercuric chloride (and other mercury salts) used for mercury.

[3]

Rationale Codes

Selection Reason: Above Screening Levels (ASL)
Deletion Reason: Essential Nutrient (NUT)
Below Screening Level (BSL)

[4]

No ARAR/TBC values are needed for Areas 6, 6A, and 6B.

COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/
To Be Considered
B = Analyte also detected in associated blank
c = Carcinogenic
E = result is estimated
N = Presumptive evidence of the presence of the material
HQ = Hazard quotient
J = result is estimated
J - = result is estimated, biased low
L = Maximum Contaminant Level is used for Lead
NA = Not available
n = Noncarcinogenic
RSL = Regional Screening Level
V = Detected Value
µg/L = microgram per liter

TABLE 2.4
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value	Screening Toxicity Value (2)	Potential ARAR/TBC Value (5)	Potential ARAR/TBC Source (5)	COPC Flag	Rationale for Selection or Deletion (3)			
Sediment	106-44-5	4-METHYLPHENOL	3.1E-01	J	3.1E-01	J	mg/kg	SW0614	1 / 27	4.80E-01 - 2.70E+00	3.1E-01	NA	6.3E+02	n	NA	NA	No	BSL
	83-32-9	ACENAPHTHENE	8.0E-02	J	2.6E-01	J	mg/kg	SW0607	4 / 27	4.30E-01 - 2.70E+00	2.6E-01	NA	3.6E+02	n	NA	NA	No	BSL
	208-96-8	ACENAPHTHYLENE	2.9E-02	J	1.5E-01	J	mg/kg	SW0606	10 / 27	4.30E-01 - 2.70E+00	1.5E-01	NA	3.6E+02	n	NA	NA	No	BSL
	120-12-7	ANTHRACENE	4.3E-02	J	4.7E-01	J	mg/kg	SW0618	14 / 27	4.30E-01 - 2.70E+00	4.7E-01	NA	1.8E+03	n	NA	NA	No	BSL
	BAPTEQ	BEQ	3.1E-01		4.2E+00		mg/kg	SW0617	21 / 27	-	4.2E+00	NA	1.1E-01	c	NA	NA	Yes	ASL
	56-55-3	BENZO(A)ANTHRACENE	1.4E-01	J	1.9E+00	J	mg/kg	SW0617	21 / 27	4.30E-01 - 2.70E+00	1.9E+00	NA	1.1E+00	c	NA	NA	Yes	ASL (4)
	50-32-8	BENZO(A)PYRENE	1.4E-01	J	2.7E+00	J	mg/kg	SW0617	21 / 27	4.30E-01 - 2.70E+00	2.7E+00	NA	1.1E-01	c	NA	NA	Yes	ASL (4)
	205-99-2	BENZO(B)FLUORANTHENE	1.7E-01	J	2.8E+00	J	mg/kg	SW0617	21 / 27	4.30E-01 - 2.70E+00	2.8E+00	NA	1.1E+00	c	NA	NA	Yes	ASL (4)
	191-24-2	BENZO(G,H,I)PERYLENE	1.0E-01	J	9.0E-01	J	mg/kg	SW0618	20 / 27	4.30E-01 - 2.70E+00	9.0E-01	NA	1.8E+02	n	NA	NA	No	BSL
	207-08-9	BENZO(K)FLUORANTHENE	1.5E-01	J	2.5E+00	J	mg/kg	SW0607	21 / 27	4.30E-01 - 2.70E+00	2.5E+00	NA	1.1E+01	c	NA	NA	No	BSL (4)
	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1.8E-01	J	5.7E+00	J	mg/kg	SW0618	15 / 27	4.30E-01 - 2.70E+00	5.7E+00	NA	3.9E+01	c	NA	NA	No	BSL
	85-68-7	BUTYLBENZYL PHTHALATE	1.5E-01	J	2.5E-01	J	mg/kg	SW0616	2 / 27	4.30E-01 - 2.70E+00	2.5E-01	NA	2.9E+02	c	NA	NA	No	BSL
	86-74-8	CARBAZOLE	6.0E-02	J	6.0E-02	J	mg/kg	SW0630	1 / 27	4.30E-01 - 2.70E+00	6.0E-02	NA	NA		NA	NA	No	NTX
	218-01-9	CHRYSENE	1.9E-01	J	3.0E+00	J	mg/kg	SW0617	21 / 27	4.30E-01 - 2.70E+00	3.0E+00	NA	1.1E+02	c	NA	NA	No	BSL (4)
	53-70-3	DIBENZ(A,H)ANTHRACENE	3.2E-02	J	6.2E-01	J	mg/kg	SW0618	11 / 27	4.30E-01 - 2.70E+00	6.2E-01	NA	1.1E-01	c	NA	NA	Yes	ASL (4)
	84-74-2	DI-N-BUTYL PHTHALATE	4.8E-02	J	4.8E-02	J	mg/kg	SW0635	1 / 27	4.30E-01 - 2.70E+00	4.8E-02	NA	6.3E+02	n	NA	NA	No	BSL
	117-84-0	DI-N-OCTYL PHTHALATE	7.6E-02	J	3.6E-01	J	mg/kg	SW0618	4 / 27	4.30E-01 - 2.70E+00	3.6E-01	NA	6.3E+01	n	NA	NA	No	BSL
	206-44-0	FLUORANTHENE	6.9E-02	J	4.9E+00	J	mg/kg	SW0617	25 / 27	4.30E-01 - 2.70E+00	4.9E+00	NA	2.4E+02	n	NA	NA	No	BSL
	86-73-7	FLUORENE	3.7E-02	J	5.6E-01	J	mg/kg	SW0607	8 / 27	4.30E-01 - 2.70E+00	5.6E-01	NA	2.4E+02	n	NA	NA	No	BSL
	193-39-5	INDENO(1,2,3-C,D)PYRENE	7.5E-02	J	9.5E-01	J	mg/kg	SW0616	20 / 27	4.30E-01 - 2.70E+00	9.5E-01	NA	1.1E+00	c	NA	NA	No	BSL (4)
	91-20-3	NAPHTHALENE	2.9E-01	J	2.9E-01	J	mg/kg	SW0612	1 / 27	4.30E-01 - 2.70E+00	2.9E-01	NA	3.8E+00	c	NA	NA	No	BSL
	85-01-8	PHENANTHRENE	6.7E-02	J	1.8E+00	J	mg/kg	SW0616, SW0617	22 / 27	4.30E-01 - 2.70E+00	1.8E+00	NA	1.8E+03	n	NA	NA	No	BSL
	108-95-2	PHENOL	6.5E-02	J	6.5E-02	J	mg/kg	SW0613	1 / 27	4.30E-01 - 2.70E+00	6.5E-02	NA	1.9E+03	n	NA	NA	No	BSL
	129-00-0	PYRENE	8.3E-02	J	3.6E+00	J	mg/kg	SW0617	25 / 27	4.30E-01 - 2.70E+00	3.6E+00	NA	1.8E+02	n	NA	NA	No	BSL
	TCDDTEQ	2,3,7,8-TCDD TEQ	5.5E-05		1.6E-04		mg/kg	SW0615	5 / 5	-	1.6E-04	NA	4.8E-06	c	NA	NA	Yes	ASL
	7429-90-5	ALUMINUM	3.8E+03	J	2.3E+04	J	mg/kg	SW0634	12 / 12	3.60E+00 - 4.10E+01	2.3E+04	NA	7.7E+03	n	NA	NA	Yes	ASL
	7440-36-0	ANTIMONY	7.8E-01	J	3.0E+01	V	mg/kg	SW0606	16 / 26	6.70E-01 - 9.15E+00	3.0E+01	NA	3.1E+00	n	NA	NA	Yes	ASL
	7440-38-2	ARSENIC	3.2E+00	J	1.1E+02	J	mg/kg	SW0607	26 / 26	6.70E-01 - 1.21E+01	1.1E+02	NA	6.8E-01	c	NA	NA	Yes	ASL
	7440-39-3	BARIUM	1.0E+01	J	2.4E+02	J	mg/kg	SW0614	26 / 26	4.30E-01 - 4.10E+01	2.4E+02	NA	1.5E+03	n	NA	NA	No	BSL
	7440-41-7	BERYLLIUM	3.1E-01	J	2.6E+00	V	mg/kg	SW0604	19 / 26	9.00E-02 - 1.00E+00	2.6E+00	NA	1.6E+01	n	NA	NA	No	BSL
	7440-43-9	CADMIUM	3.2E-01	J	7.3E+00	V	mg/kg	SW0611	16 / 26	2.80E-01 - 1.52E+00	7.3E+00	NA	7.1E+00	n	NA	NA	Yes	ASL
	7440-70-2	CALCIUM	3.5E+02	J	2.5E+03	J	mg/kg	SW0636	11 / 12	5.00E+00 - 1.02E+03	2.5E+03	NA	NUT		NA	NA	No	NUT

TABLE 2.4
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value	Screening Toxicity Value (2)	Potential ARAR/TBC Value (5)	Potential ARAR/TBC Source (5)	COPC Flag	Rationale for Selection or Deletion (3)			
Sediment	7440-47-3	CHROMIUM	1.0E+01	J	1.1E+03	J	mg/kg	SW0611	26 / 26	6.60E-01 - 3.50E+00	1.1E+03	NA	1.2E+04	n	NA	NA	No	BSL
	7440-48-4	COBALT	2.7E+00	J	2.2E+01	J	mg/kg	SW0636	12 / 12	3.40E-01 - 1.00E+00	2.2E+01	NA	2.3E+00	n	NA	NA	Yes	ASL
	7440-50-8	COPPER	1.7E+01	J	2.8E+02	J	mg/kg	SW0636	26 / 26	2.40E-01 - 1.30E+00	2.8E+02	NA	3.1E+02	n	NA	NA	No	BSL
	57-12-5	CYANIDE	2.9E-01	B	1.4E+00	B	mg/kg	SW0635	7 / 12	6.80E-01 - 2.00E+00	1.4E+00	NA	2.3E+00	n	NA	NA	No	BSL
	7439-89-6	IRON	9.7E+03	J	6.4E+04	J	mg/kg	SW0629	12 / 12	2.40E+00 - 2.05E+01	6.4E+04	NA	5.5E+03	n	NA	NA	Yes	ASL
	7439-92-1	LEAD	2.7E+01	J	3.4E+02	J	mg/kg	SW0602	26 / 26	2.00E-01 - 1.75E+01	3.4E+02	NA	4.0E+02	L	NA	NA	No	BSL
	7439-95-4	MAGNESIUM	4.5E+02	J	5.7E+03	J	mg/kg	SW0636	12 / 12	5.70E+00 - 1.02E+03	5.7E+03	NA	NUT		NA	NA	No	NUT
	7439-96-5	MANGANESE	2.5E+01	J	3.5E+02	J	mg/kg	SW0636	12 / 12	6.70E-01 - 2.00E+00	3.5E+02	NA	1.8E+02	n	NA	NA	Yes	ASL
	7439-97-6	MERCURY	5.3E-02	V	2.6E+00	J	mg/kg	SW0606	25 / 26	4.50E-02 - 4.20E-01	2.6E+00	NA	2.3E+00	n	NA	NA	Yes	ASL
	7440-02-0	NICKEL	1.7E+00	J	1.6E+02	J,-	mg/kg	SW0611	25 / 26	1.20E+00 - 8.20E+00	1.6E+02	NA	1.5E+02	n	NA	NA	Yes	ASL
	7440-09-7	POTASSIUM	2.2E+02	J	2.7E+03	J	mg/kg	SW0636	12 / 12	1.84E+02 - 1.02E+03	2.7E+03	NA	NUT		NA	NA	No	NUT
	7782-49-2	SELENIUM	5.6E-01	J	2.7E+01	V	mg/kg	SW0602	18 / 26	3.40E-01 - 6.70E+00	2.7E+01	NA	3.9E+01	n	NA	NA	No	BSL
	7440-22-4	SILVER	1.0E-01	J	5.6E+00	J	mg/kg	SW0607	23 / 26	3.40E-01 - 1.84E+00	5.6E+00	NA	3.9E+01	n	NA	NA	No	BSL
	7440-23-5	SODIUM	3.1E+02	J	1.4E+04	J	mg/kg	SW0607	11 / 12	6.20E+00 - 1.02E+03	1.4E+04	NA	NUT		NA	NA	No	NUT
	7440-28-0	THALLIUM	9.1E-01	J	2.3E+00	J	mg/kg	SW0632	5 / 26	6.70E-01 - 7.98E+00	2.3E+00	NA	7.8E-02	n	NA	NA	Yes	ASL
	7440-62-2	VANADIUM	2.1E+01	J	7.8E+01	J	mg/kg	SW0634	12 / 12	1.30E+00 - 4.10E+00	7.8E+01	NA	3.9E+01	n	NA	NA	Yes	ASL
	7440-66-6	ZINC	1.5E+01	V	4.4E+02	J	mg/kg	SW0604	26 / 26	6.60E-01 - 4.10E+00	4.4E+02	NA	2.3E+03	n	NA	NA	No	BSL
	3383-96-8	TEMEPHOS	6.3E+00	V	6.3E+00	V	mg/kg	SW0631	1 / 6	1.40E-01 - 1.60E+00	6.3E+00	NA	1.3E+02	n	NA	NA	No	BSL
	11096-82-5	AROCLOR-1260	9.5E-02	J	3.8E+00	J	mg/kg	SW0604	5 / 27	4.00E-02 - 2.50E+00	3.8E+00	NA	2.4E-01	c	NA	NA	Yes	ASL
	72-54-8	4,4-DDD	4.0E-03	J	3.6E-01	D,J	mg/kg	SW0627	12 / 27	2.20E-03 - 2.50E-01	3.6E-01	NA	1.9E-01	n	NA	NA	Yes	ASL
	72-55-9	4,4-DDE	1.6E-03	V	3.2E-02	J	mg/kg	SW0608	18 / 26	1.10E-03 - 2.50E-01	3.2E-02	NA	2.0E+00	c	NA	NA	No	BSL
	50-29-3	4,4-DDT	2.2E-03	J	2.2E-02	J	mg/kg	SW0627	5 / 27	3.30E-03 - 2.50E-01	2.2E-02	NA	1.9E+00	c	NA	NA	No	BSL
	319-84-6	ALPHA-BHC	1.4E-03	N,J	1.4E-03	N,J	mg/kg	SW0630	1 / 27	5.50E-04 - 1.20E-01	1.4E-03	NA	8.6E-02	c	NA	NA	No	BSL
	5103-71-9	ALPHA-CHLORDANE	4.6E-04	J	3.0E-03	N,J	mg/kg	SW0627	6 / 27	1.10E-03 - 1.20E+00	3.0E-03	NA	1.7E+00	c	NA	NA	No	BSL
	319-85-7	BETA-BHC	5.5E-03	N,J	8.5E-03	N,J	mg/kg	SW0629	3 / 27	1.10E-03 - 1.20E-01	8.5E-03	NA	3.0E-01	c	NA	NA	No	BSL
	60-57-1	DIELDRIN	6.2E-04	J	4.9E-03	N,J	mg/kg	SW0636	2 / 27	1.10E-03 - 2.50E-01	4.9E-03	NA	3.4E-02	c	NA	NA	No	BSL
	58-89-9	GAMMA BHC (LINDANE)	2.9E-04	J	2.9E-04	J	mg/kg	SW0628	1 / 27	5.50E-04 - 1.20E-01	2.9E-04	NA	5.7E-01	c	NA	NA	No	BSL
	5103-74-2	GAMMA-CHLORDANE	2.4E-03	J	2.1E-02	N,J	mg/kg	SW0634	10 / 27	5.50E-04 - 1.20E+00	2.1E-02	NA	1.7E+00	c	NA	NA	No	BSL
	76-44-8	HEPTACHLOR	2.1E-04	J	2.2E-03	N,J	mg/kg	SW0631	3 / 27	5.50E-04 - 1.20E-01	2.2E-03	NA	1.3E-01	c	NA	NA	No	BSL
	1024-57-3	HEPTACHLOR EPOXIDE	4.1E-03	N,J	4.1E-03	N,J	mg/kg	SW0634	1 / 27	5.50E-04 - 1.20E-01	4.1E-03	NA	7.0E-02	c	NA	NA	No	BSL
	72-43-5	METHOXYCHLOR	7.8E-03	J	1.0E-02	N,J	mg/kg	SW0630	4 / 27	5.40E-03 - 1.20E+00	1.0E-02	NA	3.2E+01	n	NA	NA	No	BSL
	78-93-3	2-BUTANONE	9.0E-03	J	5.8E-01	J	mg/kg	SW0604	10 / 17	1.40E-02 - 2.00E-01	5.8E-01	NA	2.7E+03	n	NA	NA	No	BSL
	591-78-6	2-HEXANONE	4.0E-03	J	4.0E-03	J	mg/kg	SW0614	1 / 17	1.40E-02 - 2.00E-01	4.0E-03	NA	2.0E+01	n	NA	NA	No	BSL
	108-10-1	4-METHYL-2-PENTANONE	2.0E-03	J	3.0E-03	J	mg/kg	SW0613, SW0614	3 / 17	1.40E-02 - 2.00E-01	3.0E-03	NA	3.3E+03	n	NA	NA	No	BSL
	67-64-1	ACETONE	1.3E-02	J	2.9E+00	J	mg/kg	SW0604	14 / 17	1.40E-02 - 2.00E-01	2.9E+00	NA	6.1E+03	n	NA	NA	No	BSL

TABLE 2.4
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value	Screening Toxicity Value (2)	Potential ARAR/TBC Value (5)	Potential ARAR/TBC Source (5)	COPC Flag	Rationale for Selection or Deletion (3)
Sediment	75-15-0	CARBON DISULFIDE	1.0E-03 J	1.7E-02 J	mg/kg	SW0608	4 / 17	7.00E-03 - 9.80E-02	1.7E-02	NA	7.7E+01 n	NA	NA	No	BSL
	108-88-3	TOLUENE	2.2E-01 J	2.2E-01 J	mg/kg	SW0602	1 / 17	7.00E-03 - 9.80E-02	2.2E-01	NA	4.9E+02 n	NA	NA	No	BSL
	79-01-6	TRICHLOROETHYLENE	1.0E-03 J	3.0E-03 J	mg/kg	SW0613	3 / 17	7.00E-03 - 9.80E-02	3.0E-03	NA	4.1E-01 n	NA	NA	No	BSL

- [1]

Maximum concentration is used for screening.
- [2]

Regional Screening Levels for Residential Soil (November 2018). Concentrations for non-carcinogenic health effects are based on a HQ=0.1.
RSL value for acenaphthene used for acenaphthylene.
RSL value for pyrene used for benzo(g,h,i)perylene.
RSL value for anthracene used for phenanthrene.
RSL value for trivalent chromium used for total chromium.
RSL value for mercuric chloride (and other mercury salts) used for mercury.
RSL value for chlordane used for alpha-chlordane.
RSL value for chlordane used for gamma-chlordane.
- [3]

Rationale Codes

Selection Reason: Above Screening Levels (ASL)
Deletion Reason: No Toxicity Information (NTX)
Essential Nutrient (NUT)
Below Screening Level (BSL)
- [4]

Carcinogenic PAHs [benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene] will be addressed in the HHRA as 'BEQ'.
- [5]

No ARAR/TBC values are needed for Areas 6, 6A, and 6B.
- COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/
To Be Considered
B = Analyte also detected in associated blank
BEQ = Benzo(a)pyrene equivalent
c = Carcinogenic
D = dilutions required to perform the analysis
HQ = Hazard quotient
HHRA = Human Health Risk Assessment
J = result is estimated
J - = result is estimated, biased low
mg/kg = milligram per kilogram
NA = Not available
N = Presumptive evidence of the presence of the material
n = Noncarcinogenic
PAH = Polycyclic aromatic hydrocarbon
RSL = Regional Screening Level
V = Detected Value
2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

TABLE 3.1.RME
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future, Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Surface Soil (0-2 feet bgs)	BEQ	mg/kg	6.3E-01	6.6E-01	1.4E+00	6.6E-01	mg/kg	95% KM (t) UCL	4
	2,3,7,8-TCDD TEQ	mg/kg	8.6E-06	NA	1.1E-05	1.1E-05	mg/kg	Max	5
	ALUMINUM	mg/kg	1.4E+04	1.8E+04	2.9E+04	1.8E+04	mg/kg	95% Student's-t UCL	2
	ANTIMONY	mg/kg	2.7E+00	1.6E+00	5.9E+00	1.6E+00	mg/kg	95% KM (Percentile Bootstrap) UCL	4
	ARSENIC	mg/kg	5.3E+01	6.7E+01	2.4E+02	6.7E+01	mg/kg	95% Approximate Gamma UCL	3
	CADMIUM	mg/kg	1.8E+00	3.7E+00	1.6E+01	3.7E+00	mg/kg	97.5% KM (Chebyshev) UCL	4
	COBALT	mg/kg	6.8E+00	7.7E+00	1.1E+01	7.7E+00	mg/kg	95% KM (t) UCL	4
	IRON	mg/kg	3.1E+04	3.8E+04	5.4E+04	3.8E+04	mg/kg	95% Student's-t UCL	2
	MANGANESE	mg/kg	1.5E+02	1.8E+02	3.0E+02	1.8E+02	mg/kg	95% Student's-t UCL	2
	MERCURY	mg/kg	6.3E-01	5.6E-01	2.4E+00	5.6E-01	mg/kg	95% KM (BCA) UCL	4
	THALLIUM	mg/kg	1.8E+00	1.1E+00	3.4E+00	1.1E+00	mg/kg	95% KM (Percentile Bootstrap) UCL	4
	VANADIUM	mg/kg	4.8E+01	6.0E+01	8.6E+01	6.0E+01	mg/kg	95% Student's-t UCL	2

Notes:

ProUCL, Version 5.1.002 used to determine distribution of data using the Shapiro-Wilk W Test. ProUCL used to calculate RME EPC, following recommendations based on distribution and standard deviation in users guide (EPA. June 2016. ProUCL, Version 5.1.002 Prepared by Lockheed Martin Environmental Services).

Statistics Definitions: KM - Kaplan-Meier; Max - Maximum Detected Value; BCA - Bias Corrected Accelerated

- (1) Shapiro-Wilk W/Lilliefors Test indicates data are log-normally distributed.
- (2) Shapiro-Wilk W/Lilliefors Test indicates data are normally distributed.
- (3) Anderson-Darling and/or Kolmogorov-Smirnov Tests indicate data are gamma distributed.
- (4) Distribution tests are inconclusive; therefore, the nonparametric UCL was used as the EPC.
- (5) The maximum detected concentration was used as the EPC because there were less than 8 samples or too few detected concentrations.

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

G = Gamma distribution

J = result is estimated

mg/kg = Milligram per kilogram

N = Normal distribution

NA = Not available

V = Detected Value

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 3.1.RME Supplement
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future, Future
Medium: Surface Soil
Exposure Medium: Ambient Air

Exposure Point	Chemical of Potential Concern	Chemical is Volatile? (1)	Volatilization Factor	Exposure Point Concentration in Soil		Exposure Point Concentration in Ambient Air	
				Value (2)	Units	Value (3)	Units
Emissions from Surface Soil (0-2 feet bgs)	BEQ	No	NA	6.6E-01	mg/kg	8.7E-10	mg/m ³
	2,3,7,8-TCDD TEQ	No	NA	1.1E-05	mg/kg	1.5E-14	mg/m ³
	ALUMINUM	No	NA	1.8E+04	mg/kg	2.4E-05	mg/m ³
	ANTIMONY	No	NA	1.6E+00	mg/kg	2.2E-09	mg/m ³
	ARSENIC	No	NA	6.7E+01	mg/kg	8.9E-08	mg/m ³
	CADMIUM	No	NA	3.7E+00	mg/kg	5.0E-09	mg/m ³
	COBALT	No	NA	7.7E+00	mg/kg	1.0E-08	mg/m ³
	IRON	No	NA	3.8E+04	mg/kg	5.0E-05	mg/m ³
	MANGANESE	No	NA	1.8E+02	mg/kg	2.4E-07	mg/m ³
	MERCURY	No	NA	5.6E-01	mg/kg	7.5E-10	mg/m ³
	THALLIUM	No	NA	1.1E+00	mg/kg	1.5E-09	mg/m ³
	VANADIUM	No	NA	6.0E+01	mg/kg	8.0E-08	mg/m ³

Notes:

- (1) Chemicals with a Henry's Law Constant value greater than 1×10^{-5} atm-m³/mole or a vapor pressure greater than or equal to 1 mm Hg were identified as sufficiently volatile.
- (2) Selection of exposure point concentrations presented on Table 3.1.RME.
- (3) Ambient air exposure point concentration for residents, recreational users/trespassers, maintenance workers, and industrial/commercial workers, calculated using the chemical-specific Volatilization Factor (VF) and Particulate Emission Factor (PEF) of 7.50×10^8 m³/kg as shown below. Derivation of PEF is presented on Table 4.2.RME Supplement.

$$\text{Concentration in ambient air (mg/m}^3\text{)} = \text{Concentration in soil (mg/kg)} * (1/\text{PEF} + 1/\text{VF}) (\text{m}^3/\text{kg})$$

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

mg/kg = Milligram per kilogram

mg/m³ = Milligram per cubic meter

NA = Not available or not applicable

TABLE 3.2.RME
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Total Soil
Exposure Medium: Total Soil

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Total Soil (0-7.7 feet bgs)	BEQ	mg/kg	5.9E-01	6.1E-01	1.4E+00	6.1E-01	mg/kg	95% KM (Percentile Bootstrap) UCL	4
	2,3,7,8-TCDD TEQ	mg/kg	1.2E-05	NA	2.7E-05	2.7E-05	mg/kg	Max	5
	ALUMINUM	mg/kg	1.3E+04	1.7E+04 N	2.9E+04 V	1.7E+04	mg/kg	95% Student's-t UCL	2
	ANTIMONY	mg/kg	5.7E+00	3.2E+00	3.4E+01 V	3.2E+00	mg/kg	95% KM (% Bootstrap) UCL	4
	ARSENIC	mg/kg	4.6E+01	5.8E+01 G	2.4E+02 J	5.8E+01	mg/kg	95% Approximate Gamma UCL	3
	CADMIUM	mg/kg	1.3E+00	3.1E+00	1.6E+01 V	3.1E+00	mg/kg	97.5% KM (Chebyshev) UCL	4
	COBALT	mg/kg	6.4E+00	7.2E+00	1.1E+01 V	7.2E+00	mg/kg	95% KM (t) UCL	4
	IRON	mg/kg	2.9E+04	3.5E+04 N	5.4E+04 J	3.5E+04	mg/kg	95% Student's-t UCL	2
	MANGANESE	mg/kg	1.4E+02	1.7E+02 N	3.0E+02 V	1.7E+02	mg/kg	95% Student's-t UCL	2
	MERCURY	mg/kg	5.9E-01	4.9E-01	2.4E+00 J	4.9E-01	mg/kg	95% KM (t) UCL	4
	THALLIUM	mg/kg	1.8E+00	8.4E-01	3.4E+00 J	8.4E-01	mg/kg	95% KM (Percentile Bootstrap) UCL	4
	VANADIUM	mg/kg	4.6E+01	5.7E+01 N	8.6E+01 J	5.7E+01	mg/kg	95% Student's-t UCL	2
	HEPTACHLOR EPOXIDE	mg/kg	2.9E-02	1.5E-02 G	1.1E-01 V	1.5E-02	mg/kg	95% GROS Approximate Gamma UCL	3

Notes:

ProUCL, Version 5.1.002 used to determine distribution of data using the Shapiro-Wilk W Test. ProUCL used to calculate RME EPC, following recommendations based on distribution and standard deviation in users guide (EPA. June 2016. ProUCL, Version 5.1.002 Prepared by Lockheed Martin Environmental Services).

Statistics Definitions: KM - Kaplan-Meier; Max - Maximum Detected Value; GROS - Gamma Regression on Order Statistics

(1) Shapiro-Wilk W/Lilliefors Test indicates data are log-normally distributed.

(2) Shapiro-Wilk W/Lilliefors Test indicates data are normally distributed.

(3) Anderson-Darling and/or Kolmogorov-Smirnov Tests indicate data are gamma distributed.

(4) Distribution tests are inconclusive; therefore, the nonparametric UCL was used as the EPC.

(5) The maximum detected concentration was used as the EPC because there were less than 8 samples or too few detected concentrations.

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

G = Gamma distribution

J = result is estimated

mg/kg = Milligram per kilogram

N = Normal distribution

NA = Not available

V = Detected Value

TABLE 3.2.RME Supplement
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Total Soil
Exposure Medium: Ambient Air

Exposure Point	Chemical of Potential Concern	Chemical is Volatile? (1)	Volatilization Factor (2)	Exposure Point Concentration in Soil		Exposure Point Concentration in Ambient Air		
				Value (3)	Units	Value (Resident) (4)	Value (Construction Worker) (5)	Units
Emissions from Total Soil (0-7.7 feet bgs)	BEQ	No	NA	6.1E-01	mg/kg	8.1E-10	6.9E-08	mg/m ³
	2,3,7,8-TCDD TEQ	No	NA	2.7E-05	mg/kg	3.6E-14	3.1E-12	mg/m ³
	ALUMINUM	No	NA	1.7E+04	mg/kg	2.2E-05	1.9E-03	mg/m ³
	ANTIMONY	No	NA	3.2E+00	mg/kg	4.2E-09	3.6E-07	mg/m ³
	ARSENIC	No	NA	5.8E+01	mg/kg	7.8E-08	6.6E-06	mg/m ³
	CADMIUM	No	NA	3.1E+00	mg/kg	4.1E-09	3.5E-07	mg/m ³
	COBALT	No	NA	7.2E+00	mg/kg	9.6E-09	8.2E-07	mg/m ³
	IRON	No	NA	3.5E+04	mg/kg	4.7E-05	4.0E-03	mg/m ³
	MANGANESE	No	NA	1.7E+02	mg/kg	2.3E-07	1.9E-05	mg/m ³
	MERCURY	No	NA	4.9E-01	mg/kg	6.6E-10	5.6E-08	mg/m ³
	THALLIUM	No	NA	8.4E-01	mg/kg	1.1E-09	9.4E-08	mg/m ³
	VANADIUM	No	NA	5.7E+01	mg/kg	7.5E-08	6.4E-06	mg/m ³
	HEPTACHLOR EPOXIDE	No	NA	1.5E-02	mg/kg	2.0E-11	1.7E-09	mg/m ³

Notes:

- (1) Chemicals with a Henry's Law Constant value greater than 1×10^{-5} atm-m³/mole or a vapor pressure greater than or equal to 1 mm Hg were identified as sufficiently volatile.
- (2) Derivation of Volatilization Factor (VF) is presented on Table 4.2.RME Supplement B.
- (3) Selection of exposure point concentrations presented on Table 3.2.RME.
- (4) Ambient air exposure point concentration for residents, calculated using a Particulate Emission Factor (PEF) of 7.50×10^8 m³/kg as shown below. Derivation of PEF is presented on Table 4.2.RME Supplement.
- (5) Construction worker ambient air exposure point concentration calculated using a PEF of 8.86×10^6 m³/kg as shown below. Derivation of PEF is presented on Table 4.8.RME Supplement B.

$$\text{Concentration in ambient air (mg/m}^3\text{)} = \text{Concentration in soil (mg/kg)} * (1/\text{PEF}+1/\text{VF}) (\text{m}^3/\text{kg})$$

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

mg/kg = Milligram per kilogram

mg/m³ = Milligram per cubic meter

TABLE 3.3.RME
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Water
Exposure Medium: Surface Water

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Surface Water	BIS(2-ETHYLHEXYL) PHTHALATE	µg/L	3.3E+01	2.6E+01	6.1E+01 V	2.6E+01	µg/L	97.5% KM (Chebyshev) UCL	4
	ALUMINUM	µg/L	8.8E+03	9.2E+04	6.7E+04 J	6.7E+04	µg/L	Max	6
	ANTIMONY	µg/L	9.0E+00	NA	9.0E+00 J,-	9.0E+00	µg/L	Max	5
	ARSENIC	µg/L	1.7E+01	1.4E+01 G	5.9E+01 J,-	1.4E+01	µg/L	95% GROS Adjusted Gamma UCL	3
	BERYLLIUM	µg/L	5.1E+00	2.7E+00	1.2E+01 J,-	2.7E+00	µg/L	95% KM (Percentile Bootstrap) UCL	4
	CADMIUM	µg/L	7.8E+00	2.5E+00	1.8E+01 V	2.5E+00	µg/L	95% KM (t) UCL	4
	COBALT	µg/L	2.6E+01	3.1E+01	4.8E+01 V	3.1E+01	µg/L	95% KM (t) UCL	4
	COPPER	µg/L	8.9E+01	4.0E+02	6.7E+02 V	4.0E+02	µg/L	99% KM (Chebyshev) UCL	4
	IRON	µg/L	8.8E+03	4.8E+04 G	5.6E+04 J	4.8E+04	µg/L	95% Adjusted Gamma UCL	3
	LEAD	µg/L	5.7E+01	1.3E+02	4.6E+02 J	5.7E+01	µg/L	Mean	7
	MANGANESE	µg/L	6.0E+02	9.8E+02 N	1.4E+03 J,-	9.8E+02	µg/L	95% Student's-t UCL	2
	NICKEL	µg/L	6.0E+01	8.5E+01 G	2.2E+02 J,-	8.5E+01	µg/L	95% GROS Adjusted Gamma UCL	3
	SELENIUM	µg/L	1.9E+01	1.8E+01	4.2E+01 V	1.8E+01	µg/L	95% KM (t) UCL	4
	SILVER	µg/L	4.9E+00	2.4E+00	9.9E+00 J,-	2.4E+00	µg/L	95% KM (Percentile Bootstrap) UCL	4
	THALLIUM	µg/L	5.2E+00	2.9E+00	6.4E+00 J,-	2.9E+00	µg/L	95% KM (t) UCL	4
	VANADIUM	µg/L	2.5E+01	1.4E+02 G	8.3E+01 J,-	8.3E+01	µg/L	Max	6
	ZINC	µg/L	1.4E+03	3.6E+03	6.9E+03 J,-	3.6E+03	µg/L	99% KM (Chebyshev) UCL	4
	TRICHLOROETHYLENE	µg/L	5.0E-01	6.5E-01	9.0E-01 J	6.5E-01	µg/L	95% KM (t) UCL	4

Notes:

ProUCL, Version 5.1.002 used to determine distribution of data using the Shapiro-Wilk W Test. ProUCL used to calculate RME EPC, following recommendations based on distribution and standard deviation in users guide (EPA, June 2016. ProUCL, Version 5.1.002 Prepared by Lockheed Martin Environmental Services).

Statistics Definitions: KM - Kaplan-Meier; Max - Maximum Detected Value; GROS - Gamma Regression on Order Statistics

- (1) Shapiro-Wilk W/Lilliefors Test indicates data are log-normally distributed.
- (2) Shapiro-Wilk W/Lilliefors Test indicates data are normally distributed.
- (3) Anderson-Darling and/or Kolmogorov-Smirnov Tests indicate data are gamma distributed.
- (4) Distribution tests are inconclusive; therefore, the nonparametric UCL was used as the EPC.
- (5) The maximum detected concentration was used as the EPC because there were less than 8 samples or too few detected concentrations.
- (6) The maximum detected concentration was used as the EPC because the UCL was greater than the maximum detected concentration.
- (7) The arithmetic mean was used as the EPC for lead.

G = Gamma distribution

J = result is estimated

J - = result is estimated, biased low

µg/L = microgram per liter

N = Normal distribution

NA = Not available

V = Detected Value

TABLE 3.4.RME
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration				
						Value	Units	Statistic	Rationale	
Sediment	BEQ	mg/kg	1.1E+00	1.4E+00	G	4.2E+00	1.4E+00	mg/kg	95% Adjusted Gamma KM-UCL	3
	2,3,7,8-TCDD TEQ	mg/kg	7.5E-05	NA		1.6E-04	1.6E-04	mg/kg	Max	5
	ALUMINUM	mg/kg	1.3E+04	1.6E+04	N	2.3E+04	1.6E+04	mg/kg	95% Student's-t UCL	2
	ANTIMONY	mg/kg	6.7E+00	8.0E+00	G	3.0E+01	8.0E+00	mg/kg	95% Adjusted Gamma KM-UCL	3
	ARSENIC	mg/kg	3.3E+01	4.2E+01	N	1.1E+02	4.2E+01	mg/kg	95% Student's-t UCL	2
	CADMIUM	mg/kg	1.7E+00	2.0E+00	G	7.3E+00	2.0E+00	mg/kg	95% GROS Adjusted Gamma UCL	3
	COBALT	mg/kg	1.1E+01	1.4E+01	N	2.2E+01	1.4E+01	mg/kg	95% Student's-t UCL	2
	IRON	mg/kg	3.6E+04	4.5E+04	N	6.4E+04	4.5E+04	mg/kg	95% Student's-t UCL	2
	MANGANESE	mg/kg	1.1E+02	1.6E+02	N	3.5E+02	1.6E+02	mg/kg	95% Student's-t UCL	2
	MERCURY	mg/kg	9.1E-01	1.1E+00		2.6E+00	1.1E+00	mg/kg	95% KM (t) UCL	4
	NICKEL	mg/kg	2.5E+01	5.0E+01		1.6E+02	5.0E+01	mg/kg	95% KM (Chebyshev) UCL	4
	THALLIUM	mg/kg	1.8E+00	1.1E+00		2.3E+00	1.1E+00	mg/kg	95% KM (t) UCL	4
	VANADIUM	mg/kg	5.1E+01	6.2E+01	N	7.8E+01	6.2E+01	mg/kg	95% Student's-t UCL	2
	AROCLOR-1260	mg/kg	1.3E+00	5.7E-01		3.8E+00	5.7E-01	mg/kg	95% KM (t) UCL	4
	4'-DDD	mg/kg	4.5E-02	3.0E-02	L	3.6E-01	3.0E-02	mg/kg	KM H-UCL	1

Notes:

ProUCL, Version 5.1.002 used to determine distribution of data using the Shapiro-Wilk W Test. ProUCL used to calculate RME EPC, following recommendations based on distribution and standard deviation in users guide (EPA. June 2016. ProUCL, Version 5.1.002 Prepared by Lockheed Martin Environmental Services).

Statistics Definitions: KM - Kaplan-Meier; Max - Maximum Detected Value; GROS - Gamma Regression on Order Statistics

- (1) Shapiro-Wilk W/Lilliefors Test indicates data are log-normally distributed.
- (2) Shapiro-Wilk W/Lilliefors Test indicates data are normally distributed.
- (3) Anderson-Darling and/or Kolmogorov-Smirnov Tests indicate data are gamma distributed.
- (4) Distribution tests are inconclusive; therefore, the nonparametric UCL was used as the EPC.
- (5) The maximum detected concentration was used as the EPC because there were less than 8 samples or too few detected concentrations.

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

D = dilutions required to perform the analysis

G = Gamma distribution

J = Result is estimated

J - = result is estimated, biased low

L = Log Normal

Max = Maximum detected concentration

mg/kg = Milligram per kilogram

N = Normal distribution

V = Detected value

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.1.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Maintenance Worker	Adult	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	Chronic Daily Intake (CDI) (mg/kg-day) = CS x IR-S x EF x ED x CF x 1/BW x 1/AT
				IR-S	Ingestion Rate of Soil	100	mg/day	EPA, 2014	
				EF	Exposure Frequency	225	days/year	EPA, 2014	
				ED	Exposure Duration	25	years	EPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	- -	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	9,125	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
Dermal	Maintenance Worker	Adult	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				SA	Skin Surface Area Available for Contact	3,527	cm ²	EPA, 2014 (3)	
				SSAF	Soil to Skin Adherence Factor	0.12	mg/cm ² -day	EPA, 2014	
				DABS	Dermal Absorption Factor Solids	chemical-specific	--	See Table 4.1.RME Supplement	
				CF	Conversion Factor	0.000001	kg/mg	- -	
				EF	Exposure Frequency	225	days/year	EPA, 2014	
				ED	Exposure Duration	25	years	EPA, 2014	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	9,125	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	

Notes:

(1) Calculated as the product of ED (years) x 365 days/year.

(2) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.

(3) Weighted average of mean values for head, hands, and forearms.

Sources:

EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.1.RME Supplement
DERMAL ABSORPTION FRACTION FROM SOIL
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical Group	CAS Number	Chemical	Dermal Absorption Fraction	Note
PAH	BEQ	BAP TEQ	0.13	EPA, 2004
Dioxins/Furans	TCDDTEQ	2,3,7,8-TCDD TEQ	0.03	EPA, 2003
PCB	11096-82-5	Aroclor 1260	0.14	EPA, 2004
Pesticide	1024-57-3	Heptachlor Epoxide	NA	(1)
Pesticide	72-54-8	4,4-DDD	0.1	EPA, 2004
Metals	7429-90-5	Aluminum	NA	(1)
Metals	7440-36-0	Antimony	NA	(1)
Metals	7440-38-2	Arsenic	0.03	EPA, 2004
Metals	7440-43-9	Cadmium	0.001	EPA, 2004
Metals	7440-48-4	Cobalt	NA	(1)
Metals	7439-89-6	Iron	NA	(1)
Metals	7439-96-5	Manganese	NA	(1)
Metals	7439-97-6	Mercury	NA	(1)
Metals	7440-02-0	Nickel	NA	(1)
Metals	7440-28-0	Thallium	NA	(1)
Metals	7440-62-2	Vanadium	NA	(1)

Notes:

Dermal Absorption Fractions are obtained from EPA RAGS Part E Exhibit 3-4 (EPA, 2004) and RSL Table (EPA, November 2018).

(1) As listed in the RSL table (EPA, 2018), a dermal absorption fraction is not available for heptachlor epoxide. For inorganics, the speciation of the compound is critical to the dermal absorption and there are too little data to extrapolate a reasonable default value (EPA, 2004). Therefore, consistent with EPA RAGS Part E (EPA, 2004) and the RSL Table (EPA, 2018), dermal exposure is not assessed for these constituents.

Sources:

EPA, 2004: Risk Assessment Guidance for Superfund (RAGS) Volume I: Human Health Evaluation Manual.

(Part E, Supplemental Guidance for Dermal Risk Assessment (Final). EPA/540/R/99/005. July 2004.

EPA, 2018: Regional Screening Levels for Chemical Contaminants at Superfund Sites. November.

PAH - Polycyclic Aromatic Hydrocarbon

PCB - Polychlorinated Biphenyl

RSL - Regional Screening Level

NA - Not Available/Not Applicable

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.2.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Medium: Surface Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Maintenance Worker	Adult	Emissions from Surface Soil (0-2 feet bgs)	CS CA PEF ET EF ED AT-N AT-C CF	Chemical Concentration in Soil Chemical Concentration in Air Particulate Emission Factor Exposure Time Exposure Frequency Exposure Duration Averaging Time (Non-Cancer) Averaging Time (Cancer) Conversion Factor	See Table 3s.RME calculated 7.50E+08 8 225 25 9,125 25,550 1/24	mg/kg mg/m ³ m ³ /kg hr/day days/year years days days day/hr	See Table 3s.RME EPA, 2002 See Table 4.2.RME Supplement EPA, 2014 EPA, 2014 EPA, 2014 (1) (2) --	Exposure Concentration (EC) (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)

Notes:

(1) Calculated as the product of ED (years) x 365 days/year.

(2) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.

Sources:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December, 2002.

EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.2.RME Supplement
PARTICULATE EMISSION FACTOR - MAINTENANCE WORKER, INDUSTRIAL/COMMERCIAL WORKER, RECREATIONAL USER/TRESPASSER, AND RESIDENT
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

PEF Equations:

$$\frac{Q}{C_{wind}} = A \times \exp \left[\frac{(\ln A_{site} - B)^2}{C} \right]$$

Exhibit D-2 (EPA, 2002)

$$PEF = \frac{Q}{C_{wind}} \times \frac{3,600 \text{ sec/hr}}{0.036 \times (1 - V) \times \left(\frac{U_m}{U_t} \right)^3 \times F(x)}$$

Equation 4-5 (EPA, 2002)

PEF and Box Model Input Parameters

Parameter	Definition	Value	Units	Source
Q/C_{wind}	inverse ratio of the geometric mean air concentration to the emission flux at the center of a square source	77	m	calculated
A	Constant for Zone 8 (Philadelphia, PA)	14.0111	unitless	Exhibit D-2 (EPA, 2002)
B	Constant for Zone 8 (Philadelphia, PA)	19.6154	unitless	Exhibit D-2 (EPA, 2002)
C	Constant for Zone 8 (Philadelphia, PA)	225.3397	unitless	Exhibit D-2 (EPA, 2002)
A_{site}	Areal extent of site contamination	1	acre	professional judgment ¹
PEF	particulate emission factor	7.50E+08	m ³ /kg	calculated
V	fraction of vegetative cover	0.5	unitless	Default (Eqn. 4-5; EPA,2002)
U_m	mean annual windspeed	5.36	m/s	see note ²
U_t	equivalent threshold value of windspeed at 7 m	11.32	m/s	Default (Eqn. 4-5; EPA,2002)
F(x)	function dependent on U_m/U_t derived using Cowherd et al. (1985)	0.194	unitless	Default (Eqn. 4-5; EPA,2002)

Notes:

¹ An exposure area of 1 acre was assumed, based on best professional judgment.

² Upper bound of the wind speed range from Edison Chamber of Commerce (<http://edisonchamber.com/edison-township/demographics/>).

Source:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, EPA Office of Solid Waste and Emergency Response. OSWER 9355.4-24. December.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.3.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Industrial/ Commercial Worker	Adult	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	$CDI \text{ (mg/kg-day)} =$ $CS \times IR-S \times EF \times ED \times CF \times 1/BW \times 1/AT$
				IR-S	Ingestion Rate of Soil	100	mg/day	EPA, 2014	
				EF	Exposure Frequency	250	days/year	EPA, 2014	
				ED	Exposure Duration	25	years	EPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	--	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	9,125	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
	Recreational User/ Trespasser	Adult	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	$CDI \text{ (mg/kg-day)} =$ $CS \times IR-S \times EF \times ED \times CF \times 1/BW \times 1/AT$
				IR-S	Ingestion Rate of Soil	100	mg/day	EPA, 2014 (3)	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	20	years	EPA, 2014 (3)	
				CF	Conversion Factor	0.000001	kg/mg	--	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
		Adolescent	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	$CDI \text{ (mg/kg-day)} =$ $CS \times IR-S \times EF \times ED \times CF \times 1/BW \times 1/AT$
				IR-S	Ingestion Rate of Soil	100	mg/day	EPA, 2014 (3)	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	10	years	Prof. Judgment	
				CF	Conversion Factor	0.000001	kg/mg	--	
				BW	Body Weight	44	kg	EPA, 2011 (4)	
				AT-N	Averaging Time (Non-Cancer)	3,650	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.3.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion (cont.)	Recreational User/ Trespasser (cont.)	Child	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	$CDI \text{ (mg/kg-day)} =$ $CS \times IR-S \times EF \times ED \times CF \times 1/BW \times 1/AT$
				IR-S	Ingestion Rate of Soil	200	mg/day	EPA, 2014 (3)	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	6	years	EPA, 2014 (3)	
				CF	Conversion Factor	0.000001	kg/mg	--	
				BW	Body Weight	15	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
	Resident	Adult	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	$Chronic \text{ Daily Intake (CDI) (mg/kg-day)} =$ $CS \times IR-S \times EF \times ED \times CF \times 1/BW \times 1/AT$
				IR-S	Ingestion Rate of Soil	100	mg/day	EPA, 2014	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
				ED	Exposure Duration	20	years	EPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	--	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(1)	
		Child	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	$CDI \text{ (mg/kg-day)} =$ $CS \times IR-S \times EF \times ED \times CF \times 1/BW \times 1/AT$
				IR-S	Ingestion Rate of Soil	200	mg/day	EPA, 2014	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
				ED	Exposure Duration	6	years	EPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	--	
				BW	Body Weight	15	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(1)	
		Child/Adult Aggregate	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	$CDI \text{ (mg/kg-day)} =$ $CS \times IR-S-Adj \times EF \times CF \times 1/AT$ $IR-S-Adj \text{ (mg-year/kd-day)} =$ $(ED-C \times IR-S-C / BW-C) + (ED-A \times IR-S-A / BW-A)$
				IR-S-Adj	Ingestion Rate of Soil, Age-adjusted	105	mg-year/kg-day	Calculated	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	--	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	

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TABLE 4.3.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Dermal	Industrial/ Commercial Worker	Adult	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2014 (5) EPA, 2014 See Table 4.1.RME Supplement -- -- EPA, 2014 EPA, 2014 EPA, 2014 (1) (2)	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				SA	Skin Surface Area Available for Contact	3,527	cm ²		
				SSAF	Soil to Skin Adherence Factor	0.12	mg/cm ² -day		
				DABS	Dermal Absorption Factor Solids	chemical-specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	250	days/year		
				ED	Exposure Duration	25	years		
				BW	Body Weight	80	kg		
				AT-N	Averaging Time (Non-Cancer)	9,125	days		
				AT-C	Averaging Time (Cancer)	25,550	days		
	Recreational User/ Trespasser	Adult	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2014 (6) EPA, 2014 (3) See Table 4.1.RME Supplement -- Prof. Judgment EPA, 2014 (3) EPA, 2014 (1) (2)	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				SA	Skin Surface Area Available for Contact	6,032	cm ²		
				SSAF	Soil to Skin Adherence Factor	0.07	mg/cm ² -day		
				DABS	Dermal Absorption Factor Solids	chemical-specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	52	days/year		
				ED	Exposure Duration	20	years		
				BW	Body Weight	80	kg		
				AT-N	Averaging Time (Non-Cancer)	7,300	days		
				AT-C	Averaging Time (Cancer)	25,550	days		
		Adolescent	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2014 (6) EPA, 2014 (3) See Table 4.1.RME Supplement -- Prof. Judgment Prof. Judgment EPA, 2011 (4) (1) (2)	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				SA	Skin Surface Area Available for Contact	4,500	cm ²		
				SSAF	Soil to Skin Adherence Factor	0.07	mg/cm ² -day		
				DABS	Dermal Absorption Factor Solids	chemical-specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	52	days/year		
				ED	Exposure Duration	10	years		
				BW	Body Weight	44	kg		
				AT-N	Averaging Time (Non-Cancer)	3,650	days		
				AT-C	Averaging Time (Cancer)	25,550	days		

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TABLE 4.3.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Dermal (cont.)	Recreational User/ Trespasser (cont.)	Child	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2014 (6) EPA, 2014 (3) See Table 4.1.RME Supplement -- Prof. Judgment EPA, 2014 (3) EPA, 2014 (1) (2)	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				SA	Skin Surface Area Available for Contact	2,373	cm ²		
				SSAF	Soil to Skin Adherence Factor	0.2	mg/cm ² -day		
				DABS	Dermal Absorption Factor Solids	chemical-specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	52	days/year		
				ED	Exposure Duration	6	years		
				BW	Body Weight	15	kg		
				AT-N	Averaging Time (Non-Cancer)	2,190	days		
				AT-C	Averaging Time (Cancer)	25,550	days		
	Resident	Adult	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2014 (6) EPA, 2014 See Table 4.1.RME Supplement -- EPA, 2014 EPA, 2014 EPA, 2014 (1)	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				SA	Skin Surface Area Available for Contact	6,032	cm ²		
				SSAF	Soil to Skin Adherence Factor	0.07	mg/cm ² -day		
				DABS	Dermal Absorption Factor Solids	Chemical-Specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	350	days/year		
				ED	Exposure Duration	20	years		
				BW	Body Weight	80	kg		
				AT-N	Averaging Time (Non-Cancer)	7,300	days		
		Child	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2014 (6) EPA, 2014 See Table 4.1.RME Supplement -- EPA, 2014 EPA, 2014 EPA, 2014 (1)	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				SA	Skin Surface Area Available for Contact	2,373	cm ²		
				SSAF	Soil to Skin Adherence Factor	0.2	mg/cm ² -day		
				DABS	Dermal Absorption Factor Solids	Chemical-Specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	350	days/year		
				ED	Exposure Duration	6	years		
				BW	Body Weight	15	kg		
				AT-N	Averaging Time (Non-Cancer)	2,190	days		
		Child/Adult Aggregate	Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME Calculated See Table 4.1.RME Supplement -- EPA, 2014 (2)	CDI (mg/kg-day) = CS x DA-Adj x DABS x CF x EF x 1/AT DA-Adj (mg-year/kg-day) = (ED-C x SA-C x SSAF-C / BW-C) + (ED-A x SA-A x SSAF-A / BW-A)
				DA-Adj	Dermal Absorption, Age-adjusted	295	mg-year/kg-day		
				DABS	Dermal Absorption Factor Solids	Chemical-Specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	350	days/year		
				AT-C	Averaging Time (Cancer)	25,550	days		

Notes:

- (1) Calculated as the product of ED (years) x 365 days/year.
- (2) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.
- (3) Assumed same value as for resident. Value for an adolescent recreational user/trespasser is the same as for an adult resident.
- (4) Adolescents from 6 to 16 years of age. Body weight is weighted average of the mean values for boys and girls for the ages 6 through 16.
- (5) Weighted average of mean values for head, hands, and forearms.
- (6) Weighted average of mean values for head, hands, forearms, lower legs, and feet.

Sources:

EPA, 2011: Exposure Factors Handbook: 2011 Edition. EPA/600/R-090/052F. September 2011.
EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

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TABLE 4.3.RME Supplement
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Route	Receptor Population	Exposure Point	Receptor Age		Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Resident	Surface Soil (0-2 feet bgs)	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS IR-S ED BW	Chemical Concentration in Soil Ingestion Rate of Soil Exposure Duration Body Weight	See Table 3s.RME 200 2 15	mg/kg mg/day years kg	See Table 3s.RME EPA, 2014 -- EPA, 2014	Chronic Daily Intake (CDI) (mg/kg-day) = CS x IR-S x EF x ED x CF x 1/BW x 1/AT
				Older Child (2-<6 yrs)	CS IR-S ED BW	Chemical Concentration in Soil Ingestion Rate of Soil Exposure Duration Body Weight	See Table 3s.RME 200 4 15	mg/kg mg/day years kg	See Table 3s.RME EPA, 2014 -- EPA, 2014	
				Adolescent (6-<16 yrs)	CS IR-S ED BW	Chemical Concentration in Soil Ingestion Rate of Soil Exposure Duration Body Weight	See Table 3s.RME 100 10 80	mg/kg mg/day years kg	See Table 3s.RME EPA, 2014 -- EPA, 2014	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS IR-S ED BW	Chemical Concentration in Soil Ingestion Rate of Soil Exposure Duration Body Weight	See Table 3s.RME 100 10 80	mg/kg mg/day years kg	See Table 3s.RME EPA, 2014 -- EPA, 2014	
					EF AT-C CF	Exposure Frequency Averaging Time (Cancer) Conversion Factor	350 25,550 0.000001	days/year days kg/mg	EPA, 2014 (1) --	
Dermal	Resident	Surface Soil (0-2 feet bgs)	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS SA SSAF ED BW	Chemical Concentration in Soil Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 2,373 0.2 2 15	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2014 (2) EPA, 2014 -- EPA, 2014	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				Older Child (2-<6 yrs)	CS SA SSAF ED BW	Chemical Concentration in Soil Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 2,373 0.2 4 15	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2014 (2) EPA, 2014 -- EPA, 2014	
				Adolescent (6-<16 yrs)	CS SA SSAF ED BW	Chemical Concentration in Soil Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 6,032 0.07 10 80	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2014 (2) EPA, 2014 -- EPA, 2014	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS SA SSAF ED BW	Chemical Concentration in Soil Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 6,032 0.07 10 80	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2014 (2) EPA, 2014 -- EPA, 2014	

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TABLE 4.3.RME Supplement
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Route	Receptor Population	Exposure Point	Receptor Age		Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
					DABS EF AT-C CF	Dermal Absorption Factor Solids Exposure Frequency Averaging Time (Cancer) Conversion Factor	Chemical-Specific 350 25,550 0.000001	-- days/year days kg/mg	See Table 4.1.RME Supplement EPA, 2014 (1) --	

Notes:

- (1) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.
(2) Weighted average of mean values for head, hands, forearms, lower legs, and feet.

Sources:

EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.4.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Industrial/ Commercial Worker	Adult	Emissions from Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2002 See Table 4.2.RME Supplement EPA, 2014 EPA, 2014 (1) (2) --	Exposure Concentration (EC) (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³		
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg		
				ET	Exposure Time	8	hr/day		
				EF	Exposure Frequency	250	days/year		
				ED	Exposure Duration	25	years		
				AT-N	Averaging Time (Non-Cancer)	9,125	days		
				AT-C	Averaging Time (Cancer)	25,550	days		
				CF	Conversion Factor	1/24	day/hr		
	Recreational User/ Trespasser	Adult	Emissions from Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2002 See Table 4.2.RME Supplement Prof. Judgment Prof. Judgment EPA, 2014 (3) (1) --	EC (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³		
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg		
				ET	Exposure Time	6	hr/day		
				EF	Exposure Frequency	52	days/year		
				ED	Exposure Duration	20	years		
				AT-N	Averaging Time (Non-Cancer)	7,300	days		
				CF	Conversion Factor	1/24	day/hr		
		Adolescent	Emissions from Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2002 See Table 4.2.RME Supplement Prof. Judgment Prof. Judgment Prof. Judgment (1) --	EC (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³		
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg		
				ET	Exposure Time	6	hr/day		
				EF	Exposure Frequency	52	days/year		
				ED	Exposure Duration	10	years		
				AT-N	Averaging Time (Non-Cancer)	3,650	days		
				CF	Conversion Factor	1/24	day/hr		

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TABLE 4.4.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation (cont.)	Recreational User/ Trespasser (cont.)	Child	Emissions from Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2002 See Table 4.2.RME Supplement Prof. Judgment Prof. Judgment EPA, 2014 (3) (1) --	EC (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³		
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg		
				ET	Exposure Time	6	hr/day		
				EF	Exposure Frequency	52	days/year		
				ED	Exposure Duration	6	years		
				AT-N	Averaging Time (Non-Cancer)	2,190	days		
				CF	Conversion Factor	1/24	day/hr		
	Resident	Adult	Emissions from Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2002 See Table 4.2.RME Supplement EPA, 2014 EPA, 2014 EPA, 2014 (1) --	Exposure Concentration (EC) (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³		
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg		
				ET	Exposure Time	24	hr/day		
				EF	Exposure Frequency	350	days/year		
				ED	Exposure Duration	20	years		
				AT-N	Averaging Time (Non-Cancer)	7,300	days		
				CF	Conversion Factor	1/24	day/hr		
		Child	Emissions from Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2002 See Table 4.2.RME Supplement See Table 4.2.RME Supplement B EPA, 2014 EPA, 2014 EPA, 2014 (1) --	EC (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³		
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg		
				VF	Volatilization Factor for volatile constituents	chemical-specific	m ³ /kg		
				ET	Exposure Time	24	hr/day		
				EF	Exposure Frequency	350	days/year		
				ED	Exposure Duration	6	years		
				AT-N	Averaging Time (Non-Cancer)	2,190	days		
				CF	Conversion Factor	1/24	day/hr		

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.4.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation (cont.)	Resident (cont.)	Child/Adult Aggregate	Emissions from Surface Soil (0-2 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2002 See Table 4.2.RME Supplement EPA, 2014 EPA, 2014 EPA, 2014 (2) - -	$EC (mg/m^3) =$ $CA \times ET \times EF \times ED \times CF \times 1/AT$ $CA (mg/m^3) = CS (1/PEF)$
				CA	Chemical Concentration in Air	calculated	mg/m ³		
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg		
				ET	Exposure Time	24	hr/day		
				EF	Exposure Frequency	350	days/year		
				ED	Exposure Duration	26	years		
				AT-C	Averaging Time (Cancer)	25,550	days		
				CF	Conversion Factor	1/24	day/hr		

Notes:

- (1) Calculated as the product of ED (years) x 365 days/year.
- (2) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.
- (3) Assumed same value as for resident. Value for an adolescent recreational user/trespasser is the same as for an adult resident.

Sources:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December, 2002.

EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

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TABLE 4.4.RME Supplement
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Exposure Point	Receptor Age		Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Resident	Emissions from Surface Soil (0-2 feet bgs)	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 2	mg/kg mg/m ³ years	See Table 3s.RME EPA, 2002 --	$\text{Exposure Concentration (EC) (mg/m}^3\text{)} = \text{CA} \times \text{ET} \times \text{EF} \times \text{ED} \times \text{CF} \times 1/\text{AT}$ $\text{CA (mg/m}^3\text{)} = \text{CS} (1/\text{PEF})$
				Older Child (2-<6 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 4	mg/kg mg/m ³ years	See Table 3s.RME EPA, 2002 --	
				Adolescent (6-<16 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 10	mg/kg mg/m ³ years	See Table 3s.RME EPA, 2002 --	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 10	mg/kg mg/m ³ years	See Table 3s.RME EPA, 2002 --	
					PEF ET EF AT-C CF	Particulate Emission Factor Exposure Time Exposure Frequency Averaging Time (Cancer) Conversion Factor	7.50E+08 24 350 25,550 0.000001	m ³ /kg hr/day days/year days kg/mg	See Table 4.2.RME Supplement EPA, 2014 EPA, 2014 (1) --	

Notes:

(1) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.

Sources:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December, 2002.

EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

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TABLE 4.5.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Water
Exposure Medium: Surface Water

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Recreational User/ Trespasser	Adult	Surface Water	CSW	Chemical Concentration in Surface Water	See Table 3s.RME	µg/L	See Table 3s.RME	Chronic Daily Intake (CDI) (mg/kg-day) = CSW x IR-SW x ET x EF x ED x CF x 1/BW x 1/AT
				IR-SW	Ingestion Rate of Surface Water	0.01	L/hour	EPA, 1989	
				ET	Exposure Time	2	hr/day	Prof. Judgment	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	20	years	EPA, 2014 (1)	
				CF	Conversion Factor	0.001	mg/µg	--	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(2)	
				AT-C	Averaging Time (Cancer)	25,550	days	(3)	
		Adolescent	Surface Water	CSW	Chemical Concentration in Surface Water	See Table 3s.RME	µg/L	See Table 3s.RME	CDI (mg/kg-day) = CSW x IR-SW x ET x EF x ED x CF x 1/BW x 1/AT
				IR-SW	Ingestion Rate of Surface Water	0.01	L/hour	EPA, 1989	
				ET	Exposure Time	2	hr/day	Prof. Judgment	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	10	years	Prof. Judgment	
				CF	Conversion Factor	0.001	mg/µg	--	
				BW	Body Weight	44	kg	EPA, 2011 (4)	
				AT-N	Averaging Time (Non-Cancer)	3,650	days	(2)	
				AT-C	Averaging Time (Cancer)	25,550	days	(3)	
		Child	Surface Water	CSW	Chemical Concentration in Surface Water	See Table 3s.RME	µg/L	See Table 3s.RME	CDI (mg/kg-day) = CSW x IR-SW x ET x EF x ED x CF x 1/BW x 1/AT
				IR-SW	Ingestion Rate of Surface Water	0.01	L/hour	EPA, 1989	
				ET	Exposure Time	2	hr/day	Prof. Judgment	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	6	years	EPA, 2014 (1)	
				CF	Conversion Factor 1	0.001	mg/µg	--	
				BW	Body Weight	15	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(2)	
				AT-C	Averaging Time (Cancer)	25,550	days	(3)	
Dermal	Recreational User/ Trespasser	Adult	Surface Water	C _{sw}	Chemical Concentration in Surface Water	See Table 3s.RME	µg/L	See Table 3s.RME	CDI (mg/kg-day) = DAevent x SA x EV x EF x ED x 1/BW x 1/AT
				DAevent	Dermally Absorbed Dose per Event	calculated	mg/cm ² -event	calculated	
				FA	Fraction absorbed water	chemical-specific	dimensionless	EPA, 2004	
				Kp	Permeability Coefficient	chemical-specific	cm/hr	EPA, 2004	
				τ	Lag Time	chemical-specific	hr/event	EPA, 2004	
				t*	Time to Reach Steady-state	chemical-specific	hours	EPA, 2004	
				B	Ratio of Permeability of Stratum Corneum to Epidermis	chemical-specific	dimensionless	EPA, 2004	
				SA	Skin Surface Area Available for Contact	6,032	cm ²	EPA, 2011 (5)	
				EV	Event Frequency	1	events/day	Prof. Judgment	
									Organics: DAevent (mg/cm ² -event) = t _{event} < t*: DAevent (mg/cm ² -event) = 2 x FA x Kp x C _{sw} x (sqrt((6 x τ x t _{event})/π))

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TABLE 4.5.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Water
Exposure Medium: Surface Water

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/Reference	Intake Equation/Model Name
				t _{event}	Event Time	2	hr/event	Prof. Judgment	x CF1 x CF2
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	20	years	EPA, 2014 (1)	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(2)	
				AT-C	Averaging Time (Cancer)	25,550	days	(3)	
				CF1	Conversion Factor 1	0.001	mg/μg	--	
				CF2	Conversion Factor 2	0.001	L/cm ³	--	
		Adolescent	Surface Water	C _{sw}	Chemical Concentration in Surface Water	See Table 3s.RME	μg/L	See Table 3s.RME	CDI (mg/kg-day) = DAevent x SA x EV x EF x ED x 1/BW x 1/AT
				DAevent	Dermally Absorbed Dose per Event	calculated	mg/cm ² -event	calculated	
				FA	Fraction absorbed water	chemical-specific	dimensionless	EPA, 2004	
				K _p	Permeability Coefficient	chemical-specific	cm/hr	EPA, 2004	
				τ	Lag Time	chemical-specific	hr/event	EPA, 2004	
				t*	Time to Reach Steady-state	chemical-specific	hours	EPA, 2004	
				B	Ratio of Permeability of Stratum Corneum to Epidermis	chemical-specific	dimensionless	EPA, 2004	
				SA	Skin Surface Area Available for Contact	4,500	cm ²	EPA, 2011 (5)	
				EV	Event Frequency	1	events/day	Prof. Judgment	
				t _{event}	Event Time	2	hr/event	Prof. Judgment	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	10	years	Prof. Judgment	
				BW	Body Weight	44	kg	EPA, 2011 (4)	
				AT-N	Averaging Time (Non-Cancer)	3,650	days	(2)	
				AT-C	Averaging Time (Cancer)	25,550	days	(3)	
				CF1	Conversion Factor 1	0.001	mg/μg	--	
				CF2	Conversion Factor 2	0.001	L/cm ³	--	
Dermal (cont.)	Recreational User/ Trespasser (cont.)	Child	Surface Water	C _{sw}	Chemical Concentration in Surface Water	See Table 3s.RME	μg/L	See Table 3s.RME	CDI (mg/kg-day) = DAevent x SA x EV x EF x ED x 1/BW x 1/AT
				DAevent	Dermally Absorbed Dose per Event	calculated	mg/cm ² -event	calculated	
				FA	Fraction absorbed water	chemical-specific	dimensionless	EPA, 2004	
				K _p	Permeability Coefficient	chemical-specific	cm/hr	EPA, 2004	
				τ	Lag Time	chemical-specific	hr/event	EPA, 2004	
				t*	Time to Reach Steady-state	chemical-specific	hours	EPA, 2004	
				B	Ratio of Permeability of Stratum Corneum to Epidermis	chemical-specific	dimensionless	EPA, 2004	
				SA	Skin Surface Area Available for Contact	2,373	cm ²	EPA, 2011 (5)	
				EV	Event Frequency	1	events/day	Prof. Judgment	
				t _{event}	Event Time	2	hr/event	Prof. Judgment	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	6	years	EPA, 2014 (1)	
				BW	Body Weight	15	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(2)	

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TABLE 4.5.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Water
Exposure Medium: Surface Water

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
				AT-C	Averaging Time (Cancer)	25,550	days	(3)	Inorganics: $DA_{event} (mg/cm^2-event) = K_p \times C_{sw} \times t_{event} \times CF1 \times CF2$
				CF1	Conversion Factor 1	0.001	mg/ μ g	- -	
				CF2	Conversion Factor 2	0.001	L/cm ³	- -	

Notes:

- (1) Assumed same value as for resident. Value for an adolescent recreational user/trespasser is the same as for an adult resident.
- (2) Calculated as the product of ED (years) x 365 days/year.
- (3) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.
- (4) Adolescents from 6 to 16 years of age. Body weight is weighted average of the mean values for boys and girls for the ages 6 through 16.
- (5) Weighted average of mean values for head, hands, forearms, lower legs, feet.

Sources:

EPA, 1989: Risk Assessment Guidance for Superfund. Vol.1: Human Health Evaluation Manual, Part A. OERR. EPA/540/1-89/002.
EPA, 2004: Risk Assessment Guidance for Superfund (RAGS) Volume I: Human Health Evaluation Manual. Part E Supplemental Guidance for Dermal Risk Assessment) Final.
EPA, 2011: Exposure Factors Handbook: 2011 Edition. EPA/600/R-090/052F. September 2011.
EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

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TABLE 4.5.RME Supplement
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Surface Water
Exposure Medium: Surface Water

Exposure Route	Receptor Population	Exposure Point	Receptor Age		Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Recreational User/ Trespasser	Surface Water	Child Aggregate	Young Child (0-<2 yrs)	CSW IR-SW ED BW	Chemical Concentration in Surface Water Ingestion Rate of Surface Water Exposure Duration Body Weight	See Table 3s.RME 0.01 2 15	µg/L L/hour years kg	See Table 3s.RME EPA, 1989 -- EPA, 2014	Chronic Daily Intake (CDI) (mg/kg-day) = CSW x IR-SW x ET x EF x ED x CF x 1/BW x 1/AT
				Older Child (2-<6 yrs)	CSW IR-SW ED BW	Chemical Concentration in Surface Water Ingestion Rate of Surface Water Exposure Duration Body Weight	See Table 3s.RME 0.01 4 15	µg/L L/hour years kg	See Table 3s.RME EPA, 1989 -- EPA, 2014	
					EF ET AT-C CF	Exposure Frequency Exposure Time Averaging Time (Cancer) Conversion Factor	52 2 25,550 0.001	days/year hr/day days mg/µg	Prof. Judgment Prof. Judgment (1) --	
Dermal	Recreational User/ Trespasser	Surface Water	Child Aggregate	Young Child (0-<2 yrs)	CSW SA ED BW	Chemical Concentration in Surface Water Skin Surface Area Available for Contact Exposure Duration Body Weight	See Table 3s.RME 2,373 2 15	µg/L cm ² years kg	See Table 3s.RME EPA, 2011 (2) -- EPA, 2014	CDI (mg/kg-day) = DAevent x SA x EV x EF x ED x 1/BW x 1/AT Organics: DAevent (mg/cm ² -event) = t _{event} <t*: DAevent (mg/cm ² -event) = 2 x FA x K _p x C _{sw} x (sqrt((6 x τ x t _{event})/π)) t _{event} >t*: DAevent (mg/cm ² -event) = FA x K _p x C _{sw} x (t _{event} /(1+B) + 2 x τ x ((1 + 3B + 3B ²)/(1+B ²))) x CF1 x CF2 Inorganics: DAevent (mg/cm ² -event) = K _p x C _{sw} x t _{event} x CF1 x CF2
				Older Child (2-<6 yrs)	CSW SA ED BW	Chemical Concentration in Surface Water Skin Surface Area Available for Contact Exposure Duration Body Weight	See Table 3s.RME 2,373 4 15	mg/kg cm ² years kg	See Table 3s.RME EPA, 2011 (2) -- EPA, 2014	
					DAevent FA K _p τ t* B t _{event} EV EF AT-C CF1 CF2	Dermally Absorbed Dose per Event Fraction absorbed water Permeability Coefficient Lag Time Time to Reach Steady-state Epidermis Event Time Event Frequency Exposure Frequency Averaging Time (Cancer) Conversion Factor 1 Conversion Factor 2	Calculated chemical-specific chemical-specific chemical-specific chemical-specific 2 1 52 25,550 0.001 0.001	mg/cm ² -event dimensionless cm/hr hr/event hours dimensionless hr/event events/day days/year days mg/µg L/cm ³	Calculated EPA, 2004 EPA, 2004 EPA, 2004 EPA, 2004 Prof. Judgment Prof. Judgment Prof. Judgment (1) -- --	

Notes:

- (1) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.
(2) Weighted average of mean values for head, hands, forearms, lower legs, and feet.

Sources:

EPA, 1989: Risk Assessment Guidance for Superfund. Vol.1: Human Health Evaluation Manual, Part A. OERR. EPA/540/1-89/002.
EPA, 2004: Risk Assessment Guidance for Superfund (RAGS) Volume I: Human Health Evaluation Manual. Part E Supplemental Guidance for Dermal Risk Assessment) Final.
EPA, 2011: Exposure Factors Handbook: 2011 Edition. EPA/600/R-090/052F. September 2011.
EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

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TABLE 4.6.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name	
Ingestion	Recreational User/ Trespasser	Adult	Sediment	C _{sed}	Chemical Concentration in Sediment	See Table 3s.RME	mg/kg	See Table 3s.RME	Chronic Daily Intake (CDI) (mg/kg-day) = C _{sed} x IR-Sed x EF x ED x CF x 1/BW x 1/AT	
				IR-Sed	Ingestion Rate of Sediment	50	mg/day	EPA, 2002		
				EF	Exposure Frequency	52	days/year	Prof. Judgment		
				ED	Exposure Duration	20	years	EPA, 2014 (1)		
				CF	Conversion Factor	0.000001	kg/mg	--		
				BW	Body Weight	80	kg	EPA, 2014		
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(2)		
				AT-C	Averaging Time (Cancer)	25,550	days	(3)		
				Adolescent	Sediment	C _{sed}	Chemical Concentration in Sediment	See Table 3s.RME		mg/kg
		IR-Sed	Ingestion Rate of Sediment			50	mg/day	EPA, 2002		
		EF	Exposure Frequency			52	days/year	Prof. Judgment		
		ED	Exposure Duration			10	years	Prof. Judgment		
		CF	Conversion Factor			0.000001	kg/mg	--		
		BW	Body Weight			44	kg	EPA, 2011 (4)		
		AT-N	Averaging Time (Non-Cancer)			3,650	days	(2)		
		AT-C	Averaging Time (Cancer)			25,550	days	(3)		
		Child	Sediment			C _{sed}	Chemical Concentration in Sediment	See Table 3s.RME	mg/kg	See Table 3s.RME
				IR-Sed	Ingestion Rate of Sediment	50	mg/day	EPA, 2002		
				EF	Exposure Frequency	52	days/year	Prof. Judgment		
				ED	Exposure Duration	6	years	EPA, 2014 (1)		
				CF	Conversion Factor	0.000001	kg/mg	--		
				BW	Body Weight	15	kg	EPA, 2014		
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(2)		
				AT-C	Averaging Time (Cancer)	25,550	days	(3)		
Dermal	Recreational User/ Trespasser			Adult	Sediment	C _{sed}	Chemical Concentration in Sediment	See Table 3s.RME	mg/kg	See Table 3s.RME
		SA	Skin Surface Area Available for Contact			6,032	cm ²	EPA, 2011 (5)		
		SSAF	Soil to Skin Adherence Factor			0.2	mg/cm ² -day	EPA, 2004 (6)		
		DABS	Dermal Absorption Factor Solids			chemical-specific	--	See Table 4.1.RME Supplement		
		CF	Conversion Factor			0.000001	kg/mg	--		
		EF	Exposure Frequency			52	days/year	Prof. Judgment		
		ED	Exposure Duration			20	years	EPA, 2014 (1)		
		BW	Body Weight			80	kg	EPA, 2014		
		AT-N	Averaging Time (Non-Cancer)			7,300	days	(2)		
		AT-C	Averaging Time (Cancer)	25,550	days	(3)				
		Adolescent	Sediment	C _{sed}	Chemical Concentration in Sediment	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) = C _{sed} x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT	
				SA	Skin Surface Area Available for Contact	4,500	cm ²	EPA, 2011 (5)		
				SSAF	Soil to Skin Adherence Factor	0.2	mg/cm ² -day	EPA, 2004 (6)		

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.6.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
				DABS	Dermal Absorption Factor Solids	chemical-specific	--	See Table 4.1.RME Supplement	
				CF	Conversion Factor	0.000001	kg/mg	--	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	10	years	Prof. Judgment	
				BW	Body Weight	44	kg	EPA, 2011 (4)	
				AT-N	Averaging Time (Non-Cancer)	3,650	days	(2)	
				AT-C	Averaging Time (Cancer)	25,550	days	(3)	
		Child	Sediment	C _{sed}	Chemical Concentration in Sediment	See Table 3s.RME	mg/kg	See Table 3s.RME	$CDI (mg/kg-day) = C_{sed} \times SA \times SSAF \times DABS \times CF \times EF \times ED \times 1/BW \times 1/AT$
				SA	Skin Surface Area Available for Contact	2,373	cm ²	EPA, 2011 (5)	
				SSAF	Soil to Skin Adherence Factor	0.2	mg/cm ² -day	EPA, 2004 (6)	
				DABS	Dermal Absorption Factor Solids	chemical-specific	--	See Table 4.1.RME Supplement	
				CF	Conversion Factor	0.000001	kg/mg	--	
				EF	Exposure Frequency	52	days/year	Prof. Judgment	
				ED	Exposure Duration	6	years	EPA, 2014 (1)	
				BW	Body Weight	15	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(2)	
				AT-C	Averaging Time (Cancer)	25,550	days	(3)	

Notes:

- (1) Assumed same value as for resident. Value for an adolescent recreational user/trespasser is the same as for an adult resident.
- (2) Calculated as the product of ED (years) x 365 days/year.
- (3) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.
- (4) Adolescents from 6 to 16 years of age. Body weight is weighted average of the mean values for boys and girls for the ages 6 through 16.
- (5) Weighted average of mean values for head, hands, forearms, lower legs, feet.
- (6) Value is for children playing in wet soil.

Sources:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December, 2002.
EPA, 2004: Risk Assessment Guidance for Superfund (RAGS) Volume I: Human Health Evaluation Manual. Part E Supplemental Guidance for Dermal Risk Assessment) Final.
EPA, 2011: Exposure Factors Handbook: 2011 Edition. EPA/600/R-090/052F. September 2011.
EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.6.RME Supplement
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Route	Receptor Population	Exposure Point	Receptor Age		Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Recreational User/ Trespasser	Sediment	Child Aggregate	Young Child (0-<2 yrs)	C _{sed} IR-Sed ED BW	Chemical Concentration in Sediment Ingestion Rate of Sediment Exposure Duration Body Weight	See Table 3s.RME 50 2 15	mg/kg mg/day years kg	See Table 3s.RME EPA, 2002 -- EPA, 2014	Chronic Daily Intake (CDI) (mg/kg-day) = C _{sed} x IR-Sed x EF x ED x CF x 1/BW x 1/AT
				Older Child (2-<6 yrs)	C _{sed} IR-Sed ED BW	Chemical Concentration in Sediment Ingestion Rate of Sediment Exposure Duration Body Weight	See Table 3s.RME 50 4 15	mg/kg mg/day years kg	See Table 3s.RME EPA, 2002 -- EPA, 2014	
					EF AT-C CF	Exposure Frequency Averaging Time (Cancer) Conversion Factor	52 25,550 0.000001	days/year days kg/mg	Prof. Judgment (1) --	
Dermal	Recreational User/ Trespasser	Sediment	Child Aggregate	Young Child (0-<2 yrs)	C _{sed} SA SSAF ED BW	Chemical Concentration in Sediment Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 2,373 0.2 2 15	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2011 (2) EPA, 2004 -- EPA, 2014	CDI (mg/kg-day) = C _{sed} x IR-Sed x EF x ED x CF x 1/BW x 1/AT
				Older Child (2-<6 yrs)	C _{sed} SA SSAF ED BW	Chemical Concentration in Sediment Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 2,373 0.2 4 15	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2011 (2) EPA, 2004 -- EPA, 2014	
					DABS EF AT-C CF	Dermal Absorption Factor Solids Exposure Frequency Averaging Time (Cancer) Conversion Factor	Chemical-Specific 52 25,550 0.000001	-- days/year days kg/mg	See Table 4.1.RME Supplement Prof. Judgment (1) --	

Notes:

- (1) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.
(2) Weighted average of mean values for head, hands, forearms, lower legs, and feet.

Sources:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December, 2002.
EPA, 2004: Risk Assessment Guidance for Superfund (RAGS) Volume I: Human Health Evaluation Manual. Part E Supplemental Guidance for Dermal Risk Assessment) Final.
EPA, 2011: Exposure Factors Handbook: 2011 Edition. EPA/600/R-090/052F. September 2011.
EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.7.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Total Soil
Exposure Medium: Total Soil

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Resident	Adult	Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	Chronic Daily Intake (CDI) (mg/kg-day) = CS x IR-S x EF x ED x CF x 1/BW x 1/AT
				IR-S	Ingestion Rate of Soil	100	mg/day	EPA, 2014	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
				ED	Exposure Duration	20	years	EPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	--	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(1)	
		Child	Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) = CS x IR-S x EF x ED x CF x 1/BW x 1/AT
				IR-S	Ingestion Rate of Soil	200	mg/day	EPA, 2014	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
		Child/Adult Aggregate	Total Soil (0-7.7 feet bgs)	ED	Exposure Duration	6	years	EPA, 2014	CDI (mg/kg-day) = CS x IR-S-Adj x EF x CF x 1/AT IR-S-Adj (mg-year/kd-day) = (ED-C x IR-S-C / BW-C) + (ED-A x IR-S-A / BW-A)
				CF	Conversion Factor	0.000001	kg/mg	--	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(1)	
	Construction/ Utility Worker	Adult	Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	Subchronic Daily Intake (SDI) (mg/kg-day) = CS x IR-S x EF x ED x CF x 1/BW x 1/AT
				IR-S	Ingestion Rate of Soil	330	mg/day	EPA, 2002	
				EF	Exposure Frequency	225	days/year	EPA, 2014	
				ED	Exposure Duration	1	year	EPA, 2002	
				CF	Conversion Factor	0.000001	kg/mg	--	
				BW	Body Weight	80	kg	EPA, 2014	
Dermal	Resident	Adult	Total Soil (0-7.7 feet bgs)	AT-N	Averaging Time (Non-Cancer)	365	days	(1)	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
				CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	
				SA	Skin Surface Area Available for Contact	6,032	cm ²	EPA, 2014 (3)	
				SSAF	Soil to Skin Adherence Factor	0.07	mg/cm ² -day	EPA, 2014	
				DABS	Dermal Absorption Factor Solids	Chemical-Specific	--	See Table 4.1.RME Supplement	
				CF	Conversion Factor	0.000001	kg/mg	--	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
				ED	Exposure Duration	20	years	EPA, 2014	
				BW	Body Weight	80	kg	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(1)	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.7.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Total Soil
Exposure Medium: Total Soil

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Dermal (cont.)	Resident (cont.)	Child	Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME EPA, 2014 (3) EPA, 2014 See Table 4.1.RME Supplement -- -- EPA, 2014 EPA, 2014 EPA, 2014 (1)	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				SA	Skin Surface Area Available for Contact	2,373	cm ²		
				SSAF	Soil to Skin Adherence Factor	0.2	mg/cm ² -day		
				DABS	Dermal Absorption Factor Solids	Chemical-Specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	350	days/year		
				ED	Exposure Duration	6	years		
				BW	Body Weight	15	kg		
				AT-N	Averaging Time (Non-Cancer)	2,190	days		
		Child/Adult Aggregate	Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME Calculated See Table 4.1.RME Supplement -- EPA, 2014 (2)	CDI (mg/kg-day) = CS x DA-Adj x DABS x CF x EF x 1/AT DA-Adj (mg-year/kg-day) = (ED-C x SA-C x SSAF-C / BW-C) + (ED-A x SA-A x SSAF-A / BW-A)
				DA-Adj	Dermal Absorption, Age-adjusted	295	mg-year/kg-day		
				DABS	Dermal Absorption Factor Solids	Chemical-Specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
		Construction/ Utility Worker	Total Soil (0-7.7 feet bgs)	EF	Exposure Frequency	350	days/year	See Table 3s.RME EPA, 2014 (4) EPA, 2004 See Table 4.1.RME Supplement -- EPA, 2014 EPA, 2002 EPA, 2014 (1) (2)	SDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
				AT-C	Averaging Time (Cancer)	25,550	days		
				CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg		
				SA	Skin Surface Area Available for Contact	3,527	cm ²		
				SSAF	Soil to Skin Adherence Factor	0.3	mg/cm ² -day		
				DABS	Dermal Absorption Factor Solids	chemical-specific	--		
				CF	Conversion Factor	0.000001	kg/mg		
				EF	Exposure Frequency	225	days/year		
				ED	Exposure Duration	1	year		
				BW	Body Weight	80	kg		
				AT-N	Averaging Time (Non-Cancer)	365	days		
				AT-C	Averaging Time (Cancer)	25,550	days		

Notes:

- (1) Calculated as the product of ED (years) x 365 days/year.
- (2) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.
- (3) Weighted average of mean values for head, hands, forearms, lower legs, and feet.
- (4) Weighted average of mean values for head, hands, and forearms.

Sources:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December, 2002.
EPA, 2004: Risk Assessment Guidance for Superfund (RAGS) Volume I: Human Health Evaluation Manual. Part E Supplemental Guidance for Dermal Risk Assessment) Final.
EPA, 2011: Exposure Factors Handbook: 2011 Edition. EPA/600/R-090/052F. September 2011.
EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

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TABLE 4.7.RME Supplement
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Total Soil
Exposure Medium: Total Soil

Exposure Route	Receptor Population	Exposure Point	Receptor Age		Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Resident	Total Soil (0-7.5 feet bgs)	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS IR-S ED BW	Chemical Concentration in Soil Ingestion Rate of Soil Exposure Duration Body Weight	See Table 3s.RME 200 2 15	mg/kg mg/day years kg	See Table 3s.RME EPA, 2014 -- EPA, 2014	$Chronic\ Daily\ Intake\ (CDI)\ (mg/kg\text{-}day) = CS \times IR\text{-}S \times EF \times ED \times CF \times 1/BW \times 1/AT$
				Older Child (2-<6 yrs)	CS IR-S ED BW	Chemical Concentration in Soil Ingestion Rate of Soil Exposure Duration Body Weight	See Table 3s.RME 200 4 15	mg/kg mg/day years kg	See Table 3s.RME EPA, 2014 -- EPA, 2014	
				Adolescent (6-<16 yrs)	CS IR-S ED BW	Chemical Concentration in Soil Ingestion Rate of Soil Exposure Duration Body Weight	See Table 3s.RME 100 10 80	mg/kg mg/day years kg	See Table 3s.RME EPA, 2014 -- EPA, 2014	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS IR-S ED BW	Chemical Concentration in Soil Ingestion Rate of Soil Exposure Duration Body Weight	See Table 3s.RME 100 10 80	mg/kg mg/day years kg	See Table 3s.RME EPA, 2014 -- EPA, 2014	
					EF AT-C CF	Exposure Frequency Averaging Time (Cancer) Conversion Factor	350 25,550 0.000001	days/year days kg/mg	EPA, 2014 (1) --	
Dermal	Resident	Total Soil (0-7.5 feet bgs)	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS SA SSAF ED BW	Chemical Concentration in Soil Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 2,373 0.2 2 15	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2014 (2) EPA, 2014 -- EPA, 2014	$CDI\ (mg/kg\text{-}day) = CS \times SA \times SSAF \times DABS \times CF \times EF \times ED \times 1/BW \times 1/AT$
				Older Child (2-<6 yrs)	CS SA SSAF ED BW	Chemical Concentration in Soil Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 2,373 0.2 4 15	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2014 (2) EPA, 2014 -- EPA, 2014	
				Adolescent (6-<16 yrs)	CS SA SSAF ED BW	Chemical Concentration in Soil Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 6,032 0.07 10 80	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2014 (2) EPA, 2014 -- EPA, 2014	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS SA SSAF ED BW	Chemical Concentration in Soil Skin Surface Area Available for Contact Soil to Skin Adherence Factor Exposure Duration Body Weight	See Table 3s.RME 6,032 0.07 10 80	mg/kg cm ² mg/cm ² -day years kg	See Table 3s.RME EPA, 2014 (2) EPA, 2014 -- EPA, 2014	
					DABS EF AT-C CF	Dermal Absorption Factor Solids Exposure Frequency Averaging Time (Cancer) Conversion Factor	Chemical-Specific 350 25,550 0.000001	-- days/year days kg/mg	See Table 4.1.RME Supplement EPA, 2014 (1) --	

Notes:

(1) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.

(2) Weighted average of mean values for head, hands, forearms, lower legs, and feet.

Sources:

EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

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TABLE 4.8.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Total Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Resident	Adult	Emissions from Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	Exposure Concentration (EC) (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³	EPA, 2002	
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg	See Table 4.2.RME Supplement	
				ET	Exposure Time	24	hr/day	EPA, 2014	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
				ED	Exposure Duration	20	years	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(1)	
				CF	Conversion Factor	1/24	day/hr	--	
		Child	Emissions from Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	EC (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³	EPA, 2002	
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg	See Table 4.2.RME Supplement	
				ET	Exposure Time	24	hr/day	EPA, 2014	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
				ED	Exposure Duration	6	years	EPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(1)	
				CF	Conversion Factor	1/24	day/hr	--	
		Child/Adult Aggregate	Emissions from Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	EC (mg/m ³) = CA x ET x EF x ED x CF x 1/AT CA (mg/m ³) = CS (1/PEF)
				CA	Chemical Concentration in Air	calculated	mg/m ³	EPA, 2002	
				PEF	Particulate Emission Factor	7.50E+08	m ³ /kg	See Table 4.2.RME Supplement	
				ET	Exposure Time	24	hr/day	EPA, 2014	
				EF	Exposure Frequency	350	days/year	EPA, 2014	
				ED	Exposure Duration	26	years	EPA, 2014	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
				CF	Conversion Factor	1/24	day/hr	--	

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TABLE 4.8.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Total Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation (cont.)	Construction/ Utility Worker	Adult	Emissions from Total Soil (0-7.7 feet bgs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	$EC (mg/m^3) =$ $CA \times ET \times EF \times ED \times CF \times 1/AT$ $CA (mg/m^3) = CS (1/PEF)$
				CA	Chemical Concentration in Air	calculated	mg/m ³	EPA, 2002	
				PEF	Particulate Emission Factor	8.86E+06	m ³ /kg	See Table 4.8.RME Supplement B	
				ET	Exposure Time	8	hr/day	EPA, 2014	
				EF	Exposure Frequency	225	days/year	EPA, 2014	
				ED	Exposure Duration	1	year	EPA, 2002	
				AT-N	Averaging Time (Non-Cancer)	365	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
				CF	Conversion Factor	1/24	day/hr	- -	

Notes:

(1) Calculated as the product of ED (years) x 365 days/year.

(2) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.

Sources:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December, 2002.

EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 4.8.RME Supplement A
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Total Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Exposure Point	Receptor Age		Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Resident	Emissions from Total Soil (0-7.7 feet bgs)	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 2	mg/kg mg/m ³ years	See Table 3s.RME EPA, 2002 --	$\text{Exposure Concentration (EC) (mg/m}^3\text{)} = \text{CA} \times \text{ET} \times \text{EF} \times \text{ED} \times \text{CF} \times 1/\text{AT}$ $\text{CA (mg/m}^3\text{)} = \text{CS} (1/\text{PEF})$
				Older Child (2-<6 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 4	mg/kg mg/m ³ years	See Table 3s.RME EPA, 2002 --	
				Adolescent (6-<16 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 10	mg/kg mg/m ³ years	See Table 3s.RME EPA, 2002 --	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 10	mg/kg mg/m ³ years	See Table 3s.RME EPA, 2002 --	
					PEF ET EF AT-C CF	Particulate Emission Factor Exposure Time Exposure Frequency Averaging Time (Cancer) Conversion Factor	7.50E+08 24 350 25,550 0.000001	m ³ /kg hr/day days/year days kg/mg	See Table 4.2 Supplement EPA, 2014 EPA, 2014 (1) --	

Notes:

(1) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.

Sources:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December, 2002.

EPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

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TABLE 4.8.RME Supplement B
PARTICULATE EMISSION FACTOR - CONSTRUCTION WORKER
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

PEF Equations:

$$\frac{Q}{C_{Sr}} = A \times \exp \left[\frac{(\ln A_{site} - B)^2}{C} \right]$$

Equation 5-6 (EPA, 2002)

$$PEF_{SC} = \frac{Q}{C_{Sr}} \times \frac{1}{F_D} \times \frac{T \times A_R}{556 \times \left(\frac{W}{3}\right)^{0.4} \times \left(\frac{365 \text{ d/yr} - p}{365 \text{ d/yr}}\right) \times \sum VKT}$$

Equation 5-5 (EPA, 2002)

$$F_D = 0.1852 + \frac{5.3537}{t_c} + \frac{-9.6318}{t_c^2}$$

Equation E-16 (EPA, 2002)

PEF and Box Model Input Parameters

Parameter	Definition	Value	Units	Source
Q/C_{Sr}	inverse ratio of the geometric mean air concentration to the emission flux at the center of a square source	20.5	m	calculated
A	Constant	12.9351	unitless	default (Eqn. 5-6; EPA, 2002)
B	Constant	5.7383	unitless	default (Eqn. 5-6; EPA, 2002)
C	Constant	71.7711	unitless	default (Eqn. 5-6; EPA, 2002)
A_{site}	Areal extent of site contamination	1	acre	professional judgment ¹
PEF_{SC}	subchronic road particulate emission factor	8.86E+06	m ³ /kg	calculated
F_D	Dispersion correction factor	0.188	unitless	calculated
t_c	duration of construction (250 days for 8 hr/day)	2,000	hr	assumed
T	total time over which construction occurs ($t_c \times 3600$ s/hr)	7,200,000	s	assumed
A_R	surface area of contaminated road segment (square root of site surface contamination configured as a square x default width of road segment of 20 ft)	388	m ²	calculated
W	mean weight of vehicle [(1 car @ 2 tons/car) + (2 trucks @ 20 tons/truck)] / 3 vehicles	14	tons	assumed
p	number of days with at least 0.01 inches of precipitation	110	days/yr	Exhibit 5-2 (EPA, 2002)
VKT	sum of fleet vehicle kilometers traveled during the exposure duration (assumed 3 vehicles x 0.24 km/day x 250 days)	48	km	assumed

Notes:

¹ An exposure area of 1 acre was assumed, based on best professional judgment.

Source:

EPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, EPA Office of Solid Waste and Emergency Response. OSWER 9355.4-24. December.

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TABLE 5.1
NON-CANCER TOXICITY DATA -- ORAL/DERMAL
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD		Oral Absorption Efficiency for Dermal	Absorbed RfD for Dermal (2)		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfD:Target Organ(s)	
		Value	Units	(1)	Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Aluminum	Chronic	1.0E+00	mg/kg/day	100%	1.0E+00	mg/kg/day	Nervous System	100	PPRTV	10/23/2006
Aluminum	Subchronic	1.0E+00	mg/kg/day	100%	1.0E+00	mg/kg/day	Nervous System	30	ATSDR	6/27/2017
Antimony	Chronic	4.0E-04	mg/kg-day	15%	6.0E-05	mg/kg-day	Lifetime, Hematologic	1000 / 1	IRIS	9/7/2017
Antimony	Subchronic	4.0E-04	mg/kg-day	15%	6.0E-05	mg/kg-day	Whole Body	1000	PPRTV	7/29/2008
Aroclor 1260	Chronic/Subchronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	Chronic	3.0E-04	mg/kg-day	95%	3.0E-04	mg/kg-day	Dermal, Cardiovascular System	3 / 1	IRIS	9/7/2017
Arsenic	Subchronic	3.0E-04	mg/kg-day	95%	3.0E-04	mg/kg-day	Dermal	3	HEAST	7/31/1997
BEQ	Chronic	3.0E-04	mg/kg-day	58-89%	3.0E-04	mg/kg-day	Developmental, Reproductive, Immunological	300	IRIS	9/7/2017
BEQ	Subchronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	Chronic	2.0E-03	mg/kg-day	0.7%	1.4E-05	mg/kg-day	Gastrointestinal	300 / 1	IRIS	9/7/2017
Beryllium	Subchronic	5.0E-03	mg/kg-day	0.7%	3.5E-05	mg/kg-day	NOE	100	HEAST	7/31/1997
Bis(2-ethylhexyl)phthalate	Chronic	2.00E-02	mg/kg-day	>50%	2.0E-02	mg/kg-day	Liver	1000	IRIS	9/7/2017
Bis(2-ethylhexyl)phthalate	Subchronic	1.00E-01	mg/kg-day	>50%	1.0E-01	mg/kg-day	Reproductive	100	ATSDR	6/27/2017
Cadmium	Chronic	1.0E-03	mg/kg-day	2.5%	2.5E-05	mg/kg-day	Urinary System	10 / 1	IRIS	9/7/2017
Cadmium	Subchronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	Chronic	3.0E-04	mg/kg-day	> 50%	3.0E-04	mg/kg-day	Thyroid	3000	PPRTV	8/25/2008
Cobalt	Subchronic	3.0E-03	mg/kg-day	> 50%	3.0E-03	mg/kg-day	Thyroid	300	PPRTV	8/25/2008
Copper	Chronic	4.0E-02	mg/kg-day	> 50%	4.0E-02	mg/kg-day	Gastrointestinal	NA	HEAST	7/31/1997
Copper	Subchronic	1.0E-02	mg/kg-day	> 50%	1.0E-02	mg/kg-day	Gastrointestinal	NA	ATSDR	6/27/2017
4,4-DDD	Chronic/Subchronic	3.0E-05	mg/kg-day	>50%	3.0E-05	mg/kg-day	Hepatic	300	PPRTV	9/20/2017
Heptachlor Epoxide	Chronic	1.3E-05	mg/kg-day	>50%	1.3E-05	mg/kg-day	Liver	1000	IRIS	2/7/2019
Heptachlor Epoxide	Subchronic	1.3E-05	mg/kg-day	>50%	1.3E-05	mg/kg-day	Liver	1000	HEAST	7/31/1997
Iron	Chronic	7.0E-01	mg/kg-day	> 50%	7.0E-01	mg/kg-day	Gastrointestinal	1.5	PPRTV	9/11/2006
Iron	Subchronic	7.0E-01	mg/kg-day	> 50%	7.0E-01	mg/kg-day	Gastrointestinal	1.5	PPRTV	9/11/2006
Lead	Chronic / Subchronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	Chronic	1.4E-01	mg/kg-day	4%	5.6E-03	mg/kg-day	Nervous System	1	IRIS	2/7/2019
Manganese	Subchronic	1.4E-01	mg/kg-day	4%	5.6E-03	mg/kg-day	Nervous System	1	HEAST	7/31/1997
Mercury (3)	Chronic	3.0E-04	mg/kg-day	7%	2.1E-05	mg/kg-day	Immune System, Urinary System	1000 / 1	IRIS	2/7/2019
Mercury (3)	Subchronic	2.0E-03	mg/kg-day	7%	1.4E-04	mg/kg-day	Urinary System	100	ATSDR	6/27/2017
Nickel	Chronic	2.0E-02	mg/kg-day	4%	8.0E-04	mg/kg-day	Body Weight, Organ Weight	300 / 1	IRIS	2/7/2019
Nickel	Subchronic	2.0E-02	mg/kg-day	4%	8.0E-04	mg/kg-day	Whole Body	300	HEAST	7/31/1997
Selenium	Chronic	5.0E-03	mg/kg-day	30-80%	5.0E-03	mg/kg/day	Nervous, Hematologic, Dermal	3 / 1	IRIS	2/7/2019
Selenium	Subchronic	5.0E-03	mg/kg-day	30-80%	5.0E-03	mg/kg/day	Whole body	3	HEAST	7/31/1997
Silver	Chronic	5.0E-03	mg/kg-day	4%	2.0E-04	mg/kg/day	Dermal	3 / 1	IRIS	2/7/2019
Silver	Subchronic	5.0E-03	mg/kg-day	4%	2.0E-04	mg/kg/day	Dermal	3	HEAST	7/31/1997
2,3,7,8-TCDD TEQ	Chronic	7.0E-10	mg/kg-day	50-83%	7.0E-10	mg/kg-day	Reproductive, Developmental, Endocrine	30	IRIS	2/7/2019
2,3,7,8-TCDD TEQ	Subchronic	2.0E-08	mg/kg-day	50-83%	2.0E-08	mg/kg-day	Immune System	30	ATSDR	6/27/2017
Thallium	Chronic	1.0E-05	mg/kg-day	100%	1.0E-05	mg/kg-day	Hair	3000	PPRTV Screen	10/25/2012
Thallium	Subchronic	4.0E-05	mg/kg-day	100%	4.0E-05	mg/kg-day	Hair	1000	PPRTV Screen	10/25/2012
Trichloroethene	Chronic	5.0E-04	mg/kg-day	> 50%	5.0E-04	mg/kg-day	multiple (see below)	multiple (see below)	IRIS	2/7/2019
Trichloroethene	Chronic	4.8E-04	mg/kg-day	> 50%	4.8E-04	mg/kg-day	Immune System	100	IRIS	2/7/2019
Trichloroethene	Chronic	3.7E-04	mg/kg-day	> 50%	3.7E-04	mg/kg-day	Developmental, Immune System	1000	IRIS	2/7/2019
Trichloroethene	Chronic	5.1E-04	mg/kg-day	> 50%	5.1E-04	mg/kg-day	Developmental, Cardiovascular System	10	IRIS	2/7/2019
Trichloroethene	Subchronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	Chronic	5.0E-03	mg/kg-day	2.6%	1.3E-04	mg/kg-day	Dermal	100 / 1	IRIS (4)	2/7/2019
Vanadium	Subchronic	1.0E-02	mg/kg-day	2.6%	2.6E-04	mg/kg-day	Hematologic	100	ATSDR	6/27/2017
Zinc	Chronic	3.0E-01	mg/kg-day	> 50%	3.0E-01	mg/kg-day	Immune System, Hematologic	3 / 1	IRIS	2/7/2019
Zinc	Subchronic	3.0E-01	mg/kg-day	> 50%	3.0E-01	mg/kg-day	Hematologic	3	ATSDR	6/27/2017

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 5.1
NON-CANCER TOXICITY DATA -- ORAL/DERMAL
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD		Oral Absorption Efficiency for Dermal	Absorbed RfD for Dermal (2)		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfD: Target Organ(s)	
		Value	Units	(1)	Value	Units			Source(s)	Date(s) (MM/DD/YYYY)

Note:

- (1) Source: Risk Assessment Guidance for Superfund, Volume 1: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. Section 4.2 and Exhibit 4-1. USEPA recommends that the oral RfD should not be adjusted to estimate the absorbed dose for compounds when the absorption efficiency is greater than 50%. Constituents that do not have oral absorption efficiencies reported on this table were assumed to have an oral absorption efficiency greater than 50%.
- (2) Adjusted based on RAGS Part E.
- (3) Toxicity information for Mercuric Chloride (and other Mercury salts) is used for Mercury.
- (4) As cited in Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites (EPA, June 2017).

Definitions: ATSDR = Agency for Toxic Substances & Disease Registry
HEAST = Health Effects Assessment Summary Tables
IRIS = Integrated Risk Information System
NA = Not Available
PPRTV = Provisional Peer-Reviewed Toxicity Value

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 5.2
NON-CANCER TOXICITY DATA -- INHALATION
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical of Potential Concern	Chronic/ Subchronic	Inhalation RfC		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfC : Target Organ(s)	
		Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Aluminum	Chronic	5.00E-03	mg/m ³	Nervous System	300	PPRTV	10/23/2006
Aluminum	Subchronic	NA	NA	NA	NA	NA	NA
Antimony	Chronic/Subchronic	NA	NA	NA	NA	NA	NA
Aroclor 1260	Chronic/Subchronic	NA	NA	NA	NA	NA	NA
Arsenic	Chronic	1.5E-05	mg/m ³	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Skin	30	Cal/EPA	2/7/2019
Arsenic	Subchronic	NA	NA	NA	NA	NA	NA
BEQ	Chronic	2.0E-06	mg/m ³	Developmental, Reproductive	3000	IRIS	2/7/2019
BEQ	Subchronic	NA	NA	NA	NA	NA	NA
Beryllium	Chronic	2.0E-05	mg/m ³	Immune, Respiratory	10 / 1	IRIS	2/7/2019
Beryllium	Subchronic	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	Chronic/Subchronic	NA	NA	NA	NA	NA	NA
Cadmium	Chronic	1.0E-05	mg/m ³	Urinary System	9	ATSDR	6/27/2017
Cadmium	Subchronic	NA	NA	NA	NA	NA	NA
Cobalt	Chronic	6.0E-06	mg/m ³	Respiratory	300	PPRTV	8/25/2008
Cobalt	Subchronic	2.0E-05	mg/m ³	Respiratory	100	PPRTV	8/25/2008
Copper	Chronic/Subchronic	NA	NA	NA	NA	NA	NA
4,4-DDD	Chronic/Subchronic	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	Chronic/Subchronic	NA	NA	NA	NA	NA	NA
Iron	Chronic	NA	NA	NA	NA	NA	NA
Iron	Subchronic	NA	NA	NA	NA	NA	NA
Lead	Chronic/Subchronic	NA	NA	NA	NA	NA	NA
Manganese	Chronic	5.0E-05	mg/m ³	Nervous System	1000	IRIS	2/7/2019
Manganese	Subchronic	NA	NA	NA	NA	NA	NA
Mercury (1)	Chronic	3.0E-04	mg/m ³	Nervous System	30 / 1	IRIS	2/7/2019
Mercury (1)	Subchronic	3.0E-04	mg/m ³	Nervous System	30	HEAST	7/31/1997
Nickel	Chronic	9.0E-05	mg/m ³	Respiratory	30	ATSDR	6/27/2017
Nickel	Subchronic	2.0E-04	mg/m ³	Respiratory	30	ATSDR	6/27/2017
Selenium	Chronic	2.0E-02	mg/m ³	Liver, Cardiovascular System, and Nervous System	NA	Cal/EPA	2/7/2019
Selenium	Subchronic	NA	NA	NA	NA	NA	NA
Silver	Chronic	NA	NA	NA	NA	NA	NA
Silver	Subchronic	NA	NA	NA	NA	NA	NA

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 5.2
NON-CANCER TOXICITY DATA -- INHALATION
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical of Potential Concern	Chronic/ Subchronic	Inhalation RfC		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfC : Target Organ(s)	
		Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
2,3,7,8-TCDD TEQ	Chronic	4.0E-08	mg/m ³	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic System	NA	Cal/EPA	2/7/2019
2,3,7,8-TCDD TEQ	Subchronic	NA	NA	NA	NA	NA	NA
Thallium	Chronic/Subchronic	NA	NA	NA	NA	NA	NA
Trichloroethene	Chronic	2.0E-03	mg/m ³	multiple (see below)	multiple (see below)	IRIS	2/7/2019
Trichloroethene	Chronic	1.9E-03	mg/m ³	Immune System	100	IRIS	2/7/2019
Trichloroethene	Chronic	2.1E-03	mg/m ³	Developmental, Cardiovascular System	10	IRIS	2/7/2019
Trichloroethene	Subchronic	NA	NA	NA	NA	NA	NA
Vanadium	Chronic	1.0E-04	mg/m ³	Respiratory	30	ATSDR	6/27/2017
Vanadium	Subchronic	NA	NA	NA	NA	NA	NA
Zinc	Chronic	NA	NA	NA	NA	NA	NA
Zinc	Subchronic	NA	NA	NA	NA	NA	NA

Notes:

(1) Toxicity information for elemental Mercury is used for Mercury.

Definitions: ATSDR = Agency for Toxic Substances & Disease Registry

Cal/EPA = California Environmental Protection Agency

HEAST = Health Effects Assessment Summary Tables

IRIS = Integrated Risk Information System

NA = Not Available

PPRTV = Provisional Peer-Reviewed Toxicity Value

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 6.1
CANCER TOXICITY DATA -- ORAL/DERMAL
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical of Potential Concern	Oral Cancer Slope Factor		Oral Absorption Efficiency for Dermal (1)	Absorbed Cancer Slope Factor for Dermal (2)		Weight of Evidence/ Cancer Guideline Description	Oral CSF	
	Value	Units		Value	Units		Source(s)	Date(s) (MM/DD/YYYY)
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260 (3)	2.0E+00	(mg/kg-day) ⁻¹	>50%	2.0E+00	(mg/kg-day) ⁻¹	B2	IRIS	2/7/2019
Arsenic	1.5E+00	(mg/kg-day) ⁻¹	95%	1.5E+00	(mg/kg-day) ⁻¹	A	IRIS	2/7/2019
BEQ (4)	1.0E+00	(mg/kg-day) ⁻¹	58-89%	1.0E+00	(mg/kg-day) ⁻¹	Carcinogenic to humans	IRIS	2/7/2019
Beryllium	NA	NA	NA	NA	NA	B1	IRIS	2/7/2019
Bis(2-ethylhexyl)phthalate	1.4E-02	(mg/kg-day) ⁻¹	>50%	1.4E-02	(mg/kg-day) ⁻¹	B2	IRIS	2/7/2019
Cadmium	NA	NA	NA	NA	NA	B1	IRIS	2/7/2019
Cobalt	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	D	IRIS	2/7/2019
4,4-DDD	2.4E-01	(mg/kg-day) ⁻¹	>50%	2.4E-01	(mg/kg-day) ⁻¹	B2	IRIS	2/7/2019
Heptachlor Epoxide	9.1E+00	(mg/kg-day) ⁻¹	>50%	9.1E+00	(mg/kg-day) ⁻¹	B2	IRIS	2/7/2019
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	B2	IRIS	2/7/2019
Manganese	NA	NA	NA	NA	NA	D	IRIS	2/7/2019
Mercury	NA	NA	NA	NA	NA	C	IRIS	2/7/2019
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	D	IRIS	2/7/2019
Silver	NA	NA	NA	NA	NA	D	IRIS	2/7/2019
2,3,7,8-TCDD TEQ	1.3E+05	(mg/kg-day) ⁻¹	50-83%	1.3E+05	(mg/kg-day) ⁻¹	NA	Cal/EPA	2/7/2019
Thallium	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	4.6E-02	(mg/kg-day) ⁻¹	> 50%	4.6E-02	(mg/kg-day) ⁻¹	Carcinogenic to humans	IRIS	2/7/2019
Trichloroethylene (Kidney) (4)	9.3E-03	(mg/kg-day) ⁻¹	> 50%	9.3E-03	(mg/kg-day) ⁻¹	Carcinogenic to humans	IRIS	2/7/2019
Trichloroethylene (NHL + Liver)	3.7E-02	(mg/kg-day) ⁻¹	> 50%	3.7E-02	(mg/kg-day) ⁻¹	Carcinogenic to humans	IRIS	2/7/2019
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	D	IRIS	2/7/2019

Notes:

- (1) Source: Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. Section 4.2 and Exhibit 4-1. EPA recommends that the oral slope factor should not be adjusted to estimate the absorbed dose for compounds when the absorption efficiency is greater than 50%. Constituents that do not have oral absorption efficiencies reported on this table were assumed to have an oral absorption efficiency greater than 50%.

- (3) Oral CSF for Aroclor-1260 is the high risk and persistence, upper-bound slope factor.

- (4) This chemical operates with a mutagenic mode of action (EPA 2005) and would exhibit a greater effect in early-life versus later-life exposure.

Chemical-specific toxicity data are not available for childhood and early-life exposures; thus, EPA (2005) default age-dependant adjustment factors (ADAF) will be applied to the slope factor as follows:

AGE	AGE ADAF
0-<2	10
2-<16	3
16-<30	1

Weight of Evidence definitions:

Group A chemicals (known human carcinogens) are agents for which there is sufficient evidence to support the causal association between exposure to the agents in humans and cancer.

Group B1 chemicals (probable human carcinogens) are agents for which there is limited evidence of possible carcinogenicity in humans.

Group B2 chemicals (probable human carcinogens) are agents for which there is sufficient evidence of carcinogenicity in animals but inadequate or a lack of evidence in humans.

Group C chemicals (possible human carcinogens) are agents for which there is limited evidence of carcinogenicity in animals and inadequate or a lack of human data.

Group D chemicals (not classifiable as to human carcinogenicity) are agents with inadequate human and animal evidence of carcinogenicity or for which no data are available.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 6.1
 CANCER TOXICITY DATA -- ORAL/DERMAL
 Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical of Potential Concern	Oral Cancer Slope Factor		Oral Absorption Efficiency for Dermal (1)	Absorbed Cancer Slope Factor for Dermal (2)		Weight of Evidence/ Cancer Guideline Description	Oral CSF	
	Value	Units		Value	Units		Source(s)	Date(s) (MM/DD/YYYY)

Group E chemicals (evidence of noncarcinogenicity in humans) are agents for which there is no evidence of carcinogenicity from human or animal studies, or both.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 6.2
CANCER TOXICITY DATA -- INHALATION
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical of Potential Concern	Unit Risk		Weight of Evidence/ Cancer Guideline Description	Unit Risk : Inhalation CSF	
	Value	Units		Source(s)	Date(s) (MM/DD/YYYY)
Aluminum	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA
Aroclor 1260 (1)	5.7E-04	(ug/m ³) ⁻¹	B2	IRIS	2/7/2019
Arsenic	4.3E-03	(ug/m ³) ⁻¹	A	IRIS	2/7/2019
BEQ (2)	6.0E-04	(ug/m ³) ⁻¹	Carcinogenic to humans	IRIS	2/7/2019
Beryllium	2.4E-03	(ug/m ³) ⁻¹	B1	IRIS	2/7/2019
Bis(2-ethylhexyl)phthalate	2.4E-06	(ug/m ³) ⁻¹	B2	Cal/EPA	2/7/2019
Cadmium	1.8E-03	(ug/m ³) ⁻¹	B1	IRIS	2/7/2019
Cobalt	9.0E-03	(ug/m ³) ⁻¹	NA	PPRTV	8/25/2008
Copper	NA	NA	D	IRIS	2/7/2019
4,4-DDD	6.9E-05	(ug/m ³) ⁻¹	B2	Cal/EPA	2/7/2019
Heptachlor Epoxide	2.6E-03	(ug/m ³) ⁻¹	B2	IRIS	2/7/2019
Iron	NA	NA	NA	NA	NA
Lead	NA	NA	B2	IRIS	2/7/2019
Manganese	NA	NA	D	IRIS	2/7/2019
Mercury	NA	NA	C	NA	NA
Nickel	2.6E-04	(ug/m ³) ⁻¹	NA	Cal/EPA	2/7/2019
Selenium	NA	NA	D	IRIS	2/7/2019
Silver	NA	NA	D	IRIS	2/7/2019
2,3,7,8-TCDD TEQ	3.8E+01	(ug/m ³) ⁻¹	NA	Cal/EPA	2/7/2019
Thallium	NA	NA	NA	NA	NA
Trichloroethene	4.1E-06	(ug/m ³) ⁻¹	Carcinogenic to humans	IRIS	2/7/2019
Trichloroethylene (kidney) (2)	1.0E-06	(ug/m ³) ⁻¹	Carcinogenic to humans	IRIS	2/7/2019
Trichloroethylene (NHL + Liver)	3.1E-06	(ug/m ³) ⁻¹	Carcinogenic to humans	IRIS	2/7/2019
Vanadium	NA	NA	NA	NA	NA
Zinc	NA	NA	D	IRIS	2/7/2019

Definitions: NA = Not Available
IRIS = Integrated Risk Information System
Cal/EPA = California Environmental Protection Agency
PPRTV = Provisional Peer-Reviewed Toxicity Value

- (1) Inhalation unit risk for Aroclor-1260 is for high risk and persistence.
(2) This chemical operates with a mutagenic mode of action (EPA 2005) and would exhibit a greater effect in early-life versus later-life exposure. Chemical-specific toxicity data are not available for childhood and early-life exposures; thus, EPA (2005) default age-dependant adjustment factors (ADAF) will be applied to the slope factor as follows:

AGE	AGE ADAF
0-<2	10
2-<16	3
16-<30	1

Weight of Evidence definitions:

Group A chemicals (known human carcinogens) are agents for which there is sufficient evidence to support the causal association between exposure to the agents in humans and cancer.

Group B1 chemicals (probable human carcinogens) are agents for which there is limited evidence of possible carcinogenicity in humans.

Group B2 chemicals (probable human carcinogens) are agents for which there is sufficient evidence of carcinogenicity in animals but inadequate or a lack of evidence in humans.

Group C chemicals (possible human carcinogens) are agents for which there is limited evidence of carcinogenicity in animals and inadequate or a lack of human data.

Group D chemicals (not classifiable as to human carcinogenicity) are agents with inadequate human and animal evidence of carcinogenicity or for which no data are available.

Group E chemicals (evidence of noncarcinogenicity in humans) are agents for which there is no evidence of carcinogenicity from human or animal studies, or both.

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Receptor Population: Maintenance Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations							
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient			
							Value	Units	Value	Units		Value	Units	Value	Units				
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	1.8E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	2E-07	5.0E-07	mg/kg/day	3.0E-04	mg/kg/day	1.7E-03			
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	3.1E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	4E-07	8.7E-12	mg/kg/day	7.0E-10	mg/kg/day	1.2E-02			
				ALUMINUM	1.8E+04	mg/kg	5.0E-03	mg/kg/day	NA	NA	NA	1.4E-02	mg/kg/day	1.0E+00	mg/kg/day	1.4E-02			
				ANTIMONY	1.6E+00	mg/kg	4.5E-07	mg/kg/day	NA	NA	NA	1.2E-06	mg/kg/day	4.0E-04	mg/kg/day	3.1E-03			
				ARSENIC	6.7E+01	mg/kg	1.8E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-05	5.2E-05	mg/kg/day	3.0E-04	mg/kg/day	1.7E-01			
				CADMIUM	3.7E+00	mg/kg	1.0E-06	mg/kg/day	NA	NA	NA	2.9E-06	mg/kg/day	1.0E-03	mg/kg/day	2.9E-03			
				COBALT	7.7E+00	mg/kg	2.1E-06	mg/kg/day	NA	NA	NA	5.9E-06	mg/kg/day	3.0E-04	mg/kg/day	2.0E-02			
				IRON	3.8E+04	mg/kg	1.0E-02	mg/kg/day	NA	NA	NA	2.9E-02	mg/kg/day	7.0E-01	mg/kg/day	4.2E-02			
				MANGANESE	1.8E+02	mg/kg	5.0E-05	mg/kg/day	NA	NA	NA	1.4E-04	mg/kg/day	1.4E-01	mg/kg/day	1.0E-03			
				MERCURY	5.6E-01	mg/kg	1.6E-07	mg/kg/day	NA	NA	NA	4.3E-07	mg/kg/day	3.0E-04	mg/kg/day	1.4E-03			
				THALLIUM	1.1E+00	mg/kg	3.1E-07	mg/kg/day	NA	NA	NA	8.6E-07	mg/kg/day	1.0E-05	mg/kg/day	8.6E-02			
				VANADIUM	6.0E+01	mg/kg	1.7E-05	mg/kg/day	NA	NA	NA	4.6E-05	mg/kg/day	5.0E-03	mg/kg/day	9.2E-03			
			Exp. Route Total											3E-05					3.7E-01
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	BEQ	6.6E-01	mg/kg	9.9E-08	mg/kg/day	1.0E+00	1/(mg/kg/day)	1E-07	2.8E-07	mg/kg/day	3.0E-04	mg/kg/day	9.3E-04			
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	4.0E-13	mg/kg/day	1.3E+05	1/(mg/kg/day)	5E-08	1.1E-12	mg/kg/day	7.0E-10	mg/kg/day	1.6E-03			
				ALUMINUM	1.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA			
				ANTIMONY	1.6E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA			
				ARSENIC	6.7E+01	mg/kg	2.3E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	4E-06	6.6E-06	mg/kg/day	3.0E-04	mg/kg/day	2.2E-02			
				CADMIUM	3.7E+00	mg/kg	4.3E-09	mg/kg/day	NA	NA	NA	1.2E-08	mg/kg/day	2.5E-05	mg/kg/day	4.9E-04			
				COBALT	7.7E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA			
				IRON	3.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA			
				MANGANESE	1.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA			
				MERCURY	5.6E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA			
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA			
				VANADIUM	6.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA			
			Exp. Route Total											4E-06					2.5E-02
Exposure Point Total												3E-05					3.9E-01		
Exposure Medium Total														3E-05					3.9E-01

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Receptor Population: Maintenance Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m ³	6.4E-11	mg/m ³	6.0E-04	1/(ug/m3)	4E-11	1.8E-10	mg/m ³	2.0E-06	mg/m3	9.0E-05
				2,3,7,8-TCDD TEQ	1.5E-14	mg/m ³	1.1E-15	mg/m ³	3.8E+01	1/(ug/m3)	4E-11	3.1E-15	mg/m ³	4.0E-08	mg/m3	7.8E-08
				ALUMINUM	2.4E-05	mg/m ³	1.8E-06	mg/m ³	NA	NA	NA	5.0E-06	mg/m ³	5.0E-03	mg/m3	9.9E-04
				ANTIMONY	2.2E-09	mg/m ³	1.6E-10	mg/m ³	NA	NA	NA	4.4E-10	mg/m ³	NA	NA	NA
				ARSENIC	8.9E-08	mg/m ³	6.6E-09	mg/m ³	4.3E-03	1/(ug/m3)	3E-08	1.8E-08	mg/m ³	1.5E-05	mg/m3	1.2E-03
				CADMIUM	5.0E-09	mg/m ³	3.6E-10	mg/m ³	1.8E-03	1/(ug/m3)	7E-10	1.0E-09	mg/m ³	1.0E-05	mg/m3	1.0E-04
				COBALT	1.0E-08	mg/m ³	7.5E-10	mg/m ³	9.0E-03	1/(ug/m3)	7E-09	2.1E-09	mg/m ³	6.0E-06	mg/m3	3.5E-04
				IRON	5.0E-05	mg/m ³	3.7E-06	mg/m ³	NA	NA	NA	1.0E-05	mg/m ³	NA	NA	NA
				MANGANESE	2.4E-07	mg/m ³	1.8E-08	mg/m ³	NA	NA	NA	5.0E-08	mg/m ³	5.0E-05	mg/m3	9.9E-04
				MERCURY	7.5E-10	mg/m ³	5.5E-11	mg/m ³	NA	NA	NA	1.5E-10	mg/m ³	3.0E-04	mg/m3	5.1E-07
				THALLIUM	1.5E-09	mg/m ³	1.1E-10	mg/m ³	NA	NA	NA	3.1E-10	mg/m ³	NA	NA	NA
				VANADIUM	8.0E-08	mg/m ³	5.9E-09	mg/m ³	NA	NA	NA	1.6E-08	mg/m ³	1.0E-04	mg/m3	1.6E-04
			Exp. Route Total								4E-08					3.9E-03
		Exposure Point Total									4E-08					3.9E-03
	Exposure Medium Total										4E-08					3.9E-03
Surface Soil Total											3E-05					3.9E-01
Receptor Total											3E-05					3.9E-01

Notes:

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfD = Reference dose

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.2.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	3.3E-08	mg/kg/day	1.0E+00	1/(mg/kg/day)	3E-08	1.2E-07	mg/kg/day	3.0E-04	mg/kg/day	3.9E-04
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	5.8E-13	mg/kg/day	1.3E+05	1/(mg/kg/day)	8E-08	2.0E-12	mg/kg/day	7.0E-10	mg/kg/day	2.9E-03
				ALUMINUM	1.8E+04	mg/kg	9.2E-04	mg/kg/day	NA	NA	NA	3.2E-03	mg/kg/day	1.0E+00	mg/kg/day	3.2E-03
				ANTIMONY	1.6E+00	mg/kg	8.2E-08	mg/kg/day	NA	NA	NA	2.9E-07	mg/kg/day	4.0E-04	mg/kg/day	7.2E-04
				ARSENIC	6.7E+01	mg/kg	3.4E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	5E-06	1.2E-05	mg/kg/day	3.0E-04	mg/kg/day	4.0E-02
				CADMIUM	3.7E+00	mg/kg	1.9E-07	mg/kg/day	NA	NA	NA	6.6E-07	mg/kg/day	1.0E-03	mg/kg/day	6.6E-04
				COBALT	7.7E+00	mg/kg	3.9E-07	mg/kg/day	NA	NA	NA	1.4E-06	mg/kg/day	3.0E-04	mg/kg/day	4.6E-03
				IRON	3.8E+04	mg/kg	1.9E-03	mg/kg/day	NA	NA	NA	6.7E-03	mg/kg/day	7.0E-01	mg/kg/day	9.6E-03
				MANGANESE	1.8E+02	mg/kg	9.2E-06	mg/kg/day	NA	NA	NA	3.2E-05	mg/kg/day	1.4E-01	mg/kg/day	2.3E-04
				MERCURY	5.6E-01	mg/kg	2.9E-08	mg/kg/day	NA	NA	NA	1.0E-07	mg/kg/day	3.0E-04	mg/kg/day	3.3E-04
				THALLIUM	1.1E+00	mg/kg	5.7E-08	mg/kg/day	NA	NA	NA	2.0E-07	mg/kg/day	1.0E-05	mg/kg/day	2.0E-02
				VANADIUM	6.0E+01	mg/kg	3.1E-06	mg/kg/day	NA	NA	NA	1.1E-05	mg/kg/day	5.0E-03	mg/kg/day	2.1E-03
			Exp. Route Total								5E-06					8.5E-02
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	BEQ	6.6E-01	mg/kg	1.8E-08	mg/kg/day	1.0E+00	1/(mg/kg/day)	2E-08	6.4E-08	mg/kg/day	3.0E-04	mg/kg/day	2.1E-04
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	7.3E-14	mg/kg/day	1.3E+05	1/(mg/kg/day)	1E-08	2.6E-13	mg/kg/day	7.0E-10	mg/kg/day	3.7E-04
				ALUMINUM	1.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	1.6E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.7E+01	mg/kg	4.3E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	6E-07	1.5E-06	mg/kg/day	3.0E-04	mg/kg/day	5.0E-03
				CADMIUM	3.7E+00	mg/kg	8.0E-10	mg/kg/day	NA	NA	NA	2.8E-09	mg/kg/day	2.5E-05	mg/kg/day	1.1E-04
				COBALT	7.7E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	3.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	5.6E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	6.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
			Exp. Route Total								7E-07					5.7E-03
			Exposure Point Total								6E-06					9.0E-02
			Exposure Medium Total								6E-06					9.0E-02

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.2.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m³	8.9E-12	mg/m³	6.0E-04	1/(ug/m3)	5E-12	3.1E-11	mg/m³	2.0E-06	mg/m3	1.6E-05	
				2,3,7,8-TCDD TEQ	1.5E-14	mg/m³	1.5E-16	mg/m³	3.8E+01	1/(ug/m3)	6E-12	5.4E-16	mg/m³	4.0E-08	mg/m3	1.3E-08	
				ALUMINUM	2.4E-05	mg/m³	2.5E-07	mg/m³	NA	NA	NA	8.6E-07	mg/m³	5.0E-03	mg/m3	1.7E-04	
				ANTIMONY	2.2E-09	mg/m³	2.2E-11	mg/m³	NA	NA	NA	7.7E-11	mg/m³	NA	NA	NA	
				ARSENIC	8.9E-08	mg/m³	9.1E-10	mg/m³	4.3E-03	1/(ug/m3)	4E-09	3.2E-09	mg/m³	1.5E-05	mg/m3	2.1E-04	
				CADMIUM	5.0E-09	mg/m³	5.1E-11	mg/m³	1.8E-03	1/(ug/m3)	9E-11	1.8E-10	mg/m³	1.0E-05	mg/m3	1.8E-05	
				COBALT	1.0E-08	mg/m³	1.0E-10	mg/m³	9.0E-03	1/(ug/m3)	9E-10	3.7E-10	mg/m³	6.0E-06	mg/m3	6.1E-05	
				IRON	5.0E-05	mg/m³	5.1E-07	mg/m³	NA	NA	NA	1.8E-06	mg/m³	NA	NA	NA	
				MANGANESE	2.4E-07	mg/m³	2.5E-09	mg/m³	NA	NA	NA	8.6E-09	mg/m³	5.0E-05	mg/m3	1.7E-04	
				MERCURY	7.5E-10	mg/m³	7.6E-12	mg/m³	NA	NA	NA	2.7E-11	mg/m³	3.0E-04	mg/m3	8.9E-08	
				THALLIUM	1.5E-09	mg/m³	1.5E-11	mg/m³	NA	NA	NA	5.3E-11	mg/m³	NA	NA	NA	
				VANADIUM	8.0E-08	mg/m³	8.1E-10	mg/m³	NA	NA	NA	2.8E-09	mg/m³	1.0E-04	mg/m3	2.8E-05	
				Exp. Route Total										5E-09			6.8E-04
				Exposure Point Total										5E-09			6.8E-04
	Exposure Medium Total										5E-09			6.8E-04			
Surface Soil Total												6E-06			9.1E-02		
Surface Water	Surface Water	Surface Water	Ingestion	BIS(2-ETHYLHEXYL) PHTHALATE	2.6E+01	µg/L	2.6E-07	mg/kg/day	1.4E-02	1/(mg/kg/day)	4E-09	9.3E-07	mg/kg/day	2.0E-02	mg/kg/day	4.6E-05	
				ALUMINUM	6.7E+04	µg/L	6.8E-04	mg/kg/day	NA	NA	NA	2.4E-03	mg/kg/day	1.0E+00	mg/kg/day	2.4E-03	
				ANTIMONY	9.0E+00	µg/L	9.2E-08	mg/kg/day	NA	NA	NA	3.2E-07	mg/kg/day	4.0E-04	mg/kg/day	8.0E-04	
				ARSENIC	1.4E+01	µg/L	1.4E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	2E-07	5.0E-07	mg/kg/day	3.0E-04	mg/kg/day	1.7E-03	
				BERYLLIUM	2.7E+00	µg/L	2.7E-08	mg/kg/day	NA	NA	NA	9.5E-08	mg/kg/day	2.0E-03	mg/kg/day	4.8E-05	
				CADMIUM	2.5E+00	µg/L	2.6E-08	mg/kg/day	NA	NA	NA	9.0E-08	mg/kg/day	1.0E-03	mg/kg/day	9.0E-05	
				COBALT	3.1E+01	µg/L	3.2E-07	mg/kg/day	NA	NA	NA	1.1E-06	mg/kg/day	3.0E-04	mg/kg/day	3.7E-03	
				COPPER	4.0E+02	µg/L	4.1E-06	mg/kg/day	NA	NA	NA	1.4E-05	mg/kg/day	4.0E-02	mg/kg/day	3.6E-04	
				IRON	4.8E+04	µg/L	4.9E-04	mg/kg/day	NA	NA	NA	1.7E-03	mg/kg/day	7.0E-01	mg/kg/day	2.4E-03	
				LEAD	5.7E+01	µg/L	5.8E-07	mg/kg/day	NA	NA	NA	2.0E-06	mg/kg/day	NA	NA	NA	
				MANGANESE	9.8E+02	µg/L	9.9E-06	mg/kg/day	NA	NA	NA	3.5E-05	mg/kg/day	1.4E-01	mg/kg/day	2.5E-04	
				NICKEL	8.5E+01	µg/L	8.7E-07	mg/kg/day	NA	NA	NA	3.0E-06	mg/kg/day	2.0E-02	mg/kg/day	1.5E-04	
				SELENIUM	1.8E+01	µg/L	1.8E-07	mg/kg/day	NA	NA	NA	6.3E-07	mg/kg/day	5.0E-03	mg/kg/day	1.3E-04	
				SILVER	2.4E+00	µg/L	2.5E-08	mg/kg/day	NA	NA	NA	8.7E-08	mg/kg/day	5.0E-03	mg/kg/day	1.7E-05	
				THALLIUM	2.9E+00	µg/L	3.0E-08	mg/kg/day	NA	NA	NA	1.0E-07	mg/kg/day	1.0E-05	mg/kg/day	1.0E-02	
				VANADIUM	8.3E+01	µg/L	8.5E-07	mg/kg/day	NA	NA	NA	3.0E-06	mg/kg/day	5.0E-03	mg/kg/day	5.9E-04	
				ZINC	3.6E+03	µg/L	3.6E-05	mg/kg/day	NA	NA	NA	1.3E-04	mg/kg/day	3.0E-01	mg/kg/day	4.2E-04	
				TRICHLOROETHYLENE	6.5E-01	µg/L	6.6E-09	mg/kg/day	4.6E-02	1/(mg/kg/day)	3E-10	2.3E-08	mg/kg/day	5.0E-04	mg/kg/day	4.7E-05	
				Exp. Route Total										2E-07			2.4E-02

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.2.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Water	Surface Water	Surface Water	Dermal	BIS(2-ETHYLHEXYL) PHTHALATE	2.6E+01	µg/L	1.4E-03	mg/kg/day	1.4E-02	1/(mg/kg/day)	2E-05	5.0E-03	mg/kg/day	2.0E-02	mg/kg/day	2.5E-01
				ALUMINUM	6.7E+04	µg/L	4.1E-04	mg/kg/day	NA	NA	NA	1.4E-03	mg/kg/day	1.0E+00	mg/kg/day	1.4E-03
				ANTIMONY	9.0E+00	µg/L	5.5E-08	mg/kg/day	NA	NA	NA	1.9E-07	mg/kg/day	6.0E-05	mg/kg/day	3.2E-03
				ARSENIC	1.4E+01	µg/L	8.7E-08	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-07	3.0E-07	mg/kg/day	3.0E-04	mg/kg/day	1.0E-03
				BERYLLIUM	2.7E+00	µg/L	1.6E-08	mg/kg/day	NA	NA	NA	5.7E-08	mg/kg/day	1.4E-05	mg/kg/day	4.1E-03
				CADMIUM	2.5E+00	µg/L	1.6E-08	mg/kg/day	NA	NA	NA	5.4E-08	mg/kg/day	2.5E-05	mg/kg/day	2.2E-03
				COBALT	3.1E+01	µg/L	7.6E-08	mg/kg/day	NA	NA	NA	2.7E-07	mg/kg/day	3.0E-04	mg/kg/day	8.9E-04
				COPPER	4.0E+02	µg/L	2.5E-06	mg/kg/day	NA	NA	NA	8.7E-06	mg/kg/day	4.0E-02	mg/kg/day	2.2E-04
				IRON	4.8E+04	µg/L	3.0E-04	mg/kg/day	NA	NA	NA	1.0E-03	mg/kg/day	7.0E-01	mg/kg/day	1.5E-03
				LEAD	5.7E+01	µg/L	3.5E-08	mg/kg/day	NA	NA	NA	1.2E-07	mg/kg/day	NA	NA	NA
				MANGANESE	9.8E+02	µg/L	6.0E-06	mg/kg/day	NA	NA	NA	2.1E-05	mg/kg/day	5.6E-03	mg/kg/day	3.8E-03
				NICKEL	8.5E+01	µg/L	1.0E-07	mg/kg/day	NA	NA	NA	3.7E-07	mg/kg/day	8.0E-04	mg/kg/day	4.6E-04
				SELENIUM	1.8E+01	µg/L	1.1E-07	mg/kg/day	NA	NA	NA	3.8E-07	mg/kg/day	5.0E-03	mg/kg/day	7.6E-05
				SILVER	2.4E+00	µg/L	9.0E-09	mg/kg/day	NA	NA	NA	3.2E-08	mg/kg/day	2.0E-04	mg/kg/day	1.6E-04
				THALLIUM	2.9E+00	µg/L	1.8E-08	mg/kg/day	NA	NA	NA	6.3E-08	mg/kg/day	1.0E-05	mg/kg/day	6.3E-03
				VANADIUM	8.3E+01	µg/L	5.1E-07	mg/kg/day	NA	NA	NA	1.8E-06	mg/kg/day	1.3E-04	mg/kg/day	1.4E-02
				ZINC	3.6E+03	µg/L	1.3E-05	mg/kg/day	NA	NA	NA	4.6E-05	mg/kg/day	3.0E-01	mg/kg/day	1.5E-04
				TRICHLOROETHYLENE	6.5E-01	µg/L	7.2E-08	mg/kg/day	4.6E-02	1/(mg/kg/day)	3E-09	2.5E-07	mg/kg/day	5.0E-04	mg/kg/day	5.1E-04
			Exp. Route Total								2E-05					2.9E-01
		Exposure Point Total									2E-05					3.1E-01
	Exposure Medium total										2E-05					3.1E-01
Surface Water Total											2E-05					3.1E-01
Sediment	Sediment	Sediment	Ingestion	BEQ	1.4E+00	mg/kg	3.6E-08	mg/kg/day	1.0E+00	1/(mg/kg/day)	4E-08	1.3E-07	mg/kg/day	3.0E-04	mg/kg/day	4.2E-04
				2,3,7,8-TCDD TEQ	1.6E-04	mg/kg	4.0E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	5E-07	1.4E-11	mg/kg/day	7.0E-10	mg/kg/day	2.0E-02
				ALUMINUM	1.6E+04	mg/kg	4.0E-04	mg/kg/day	NA	NA	NA	1.4E-03	mg/kg/day	1.0E+00	mg/kg/day	1.4E-03
				ANTIMONY	8.0E+00	mg/kg	2.0E-07	mg/kg/day	NA	NA	NA	7.1E-07	mg/kg/day	4.0E-04	mg/kg/day	1.8E-03
				ARSENIC	4.2E+01	mg/kg	1.1E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	2E-06	3.7E-06	mg/kg/day	3.0E-04	mg/kg/day	1.2E-02
				CADMIUM	2.0E+00	mg/kg	5.1E-08	mg/kg/day	NA	NA	NA	1.8E-07	mg/kg/day	1.0E-03	mg/kg/day	1.8E-04
				COBALT	1.4E+01	mg/kg	3.6E-07	mg/kg/day	NA	NA	NA	1.2E-06	mg/kg/day	3.0E-04	mg/kg/day	4.2E-03
				IRON	4.5E+04	mg/kg	1.1E-03	mg/kg/day	NA	NA	NA	4.0E-03	mg/kg/day	7.0E-01	mg/kg/day	5.7E-03
				MANGANESE	1.6E+02	mg/kg	3.9E-06	mg/kg/day	NA	NA	NA	1.4E-05	mg/kg/day	1.4E-01	mg/kg/day	9.9E-05
				MERCURY	1.1E+00	mg/kg	2.9E-08	mg/kg/day	NA	NA	NA	1.0E-07	mg/kg/day	3.0E-04	mg/kg/day	3.4E-04
				NICKEL	5.0E+01	mg/kg	1.3E-06	mg/kg/day	NA	NA	NA	4.4E-06	mg/kg/day	2.0E-02	mg/kg/day	2.2E-04
				THALLIUM	1.1E+00	mg/kg	2.7E-08	mg/kg/day	NA	NA	NA	9.6E-08	mg/kg/day	1.0E-05	mg/kg/day	9.6E-03
				VANADIUM	6.2E+01	mg/kg	1.6E-06	mg/kg/day	NA	NA	NA	5.5E-06	mg/kg/day	5.0E-03	mg/kg/day	1.1E-03
				AROCLO-1260	5.7E-01	mg/kg	1.4E-08	mg/kg/day	2.0E+00	1/(mg/kg/day)	3E-08	5.1E-08	mg/kg/day	NA	NA	NA
				4,4-DDD	3.0E-02	mg/kg	7.5E-10	mg/kg/day	2.4E-01	1/(mg/kg/day)	2E-10	2.6E-09	mg/kg/day	3.0E-05	mg/kg/day	8.8E-05
			Exp. Route Total								2E-06					5.7E-02

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.2.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Sediment	Sediment	Sediment	Dermal	BEQ	1.4E+00	mg/kg	1.1E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	1E-07	4.0E-07	mg/kg/day	3.0E-04	mg/kg/day	1.3E-03	
				2,3,7,8-TCDD TEQ	1.6E-04	mg/kg	2.9E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	4E-07	1.0E-11	mg/kg/day	7.0E-10	mg/kg/day	1.4E-02	
				ALUMINUM	1.6E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA	
				ANTIMONY	8.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA	
				ARSENIC	4.2E+01	mg/kg	7.7E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-06	2.7E-06	mg/kg/day	3.0E-04	mg/kg/day	9.0E-03	
				CADMIUM	2.0E+00	mg/kg	1.2E-09	mg/kg/day	NA	NA	NA	4.3E-09	mg/kg/day	2.5E-05	mg/kg/day	1.7E-04	
				COBALT	1.4E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA	
				IRON	4.5E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA	
				MANGANESE	1.6E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA	
				MERCURY	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA	
				NICKEL	5.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	8.0E-04	mg/kg/day	NA	
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA	
				VANADIUM	6.2E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA	
				AROCOR-1260	5.7E-01	mg/kg	4.9E-08	mg/kg/day	2.0E+00	1/(mg/kg/day)	1E-07	1.7E-07	mg/kg/day	NA	NA	NA	
				4,4-DDD	3.0E-02	mg/kg	1.8E-09	mg/kg/day	2.4E-01	1/(mg/kg/day)	4E-10	6.3E-09	mg/kg/day	3.0E-05	mg/kg/day	2.1E-04	
							Exp. Route Total						2E-06				2.5E-02
							Exposure Point Total						4E-06				8.2E-02
							Exposure Medium total						4E-06				8.2E-02
				Sediment Total									4E-06				8.2E-02
	Receptor Total									3E-05				4.8E-01			

Notes:

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfD = Reference dose

µg/L = microgram per liter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.2.RME SUPPLEMENT
CALCULATION OF DAEVENT
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical of Potential Concern	Surface Water Concentration (CW) (ug/L)	Permeability Coefficient (Kp) (cm/hr)	B (dimensionless)	Lag Time (t_{event}) (hr)	t^* (hr)	Fraction Absorbed Water (FA) (dimensionless)	Duration of Event (t_{event}) (hr)	DAevent (mg/cm ² -event)	Eq
BIS(2-ETHYLHEXYL) PHTHALATE	2.6E+01	1.1E+00	8.6E+00	1.6E+01	7.3E+01	1.0E+00	2.0	4.6E-04	2
ALUMINUM	6.7E+04	1.0E-03	NA	NA	NA	NA	2.0	1.3E-04	1
ANTIMONY	9.0E+00	1.0E-03	NA	NA	NA	NA	2.0	1.8E-08	1
ARSENIC	1.4E+01	1.0E-03	NA	NA	NA	NA	2.0	2.8E-08	1
BERYLLIUM	2.7E+00	1.0E-03	NA	NA	NA	NA	2.0	5.4E-09	1
CADMIUM	2.5E+00	1.0E-03	NA	NA	NA	NA	2.0	5.1E-09	1
COBALT	3.1E+01	4.0E-04	NA	NA	NA	NA	2.0	2.5E-08	1
COPPER	4.0E+02	1.0E-03	NA	NA	NA	NA	2.0	8.1E-07	1
IRON	4.8E+04	1.0E-03	NA	NA	NA	NA	2.0	9.6E-05	1
LEAD	5.7E+01	1.0E-04	NA	NA	NA	NA	2.0	1.1E-08	1
MANGANESE	9.8E+02	1.0E-03	NA	NA	NA	NA	2.0	2.0E-06	1
NICKEL	8.5E+01	2.0E-04	NA	NA	NA	NA	2.0	3.4E-08	1
SELENIUM	1.8E+01	1.0E-03	NA	NA	NA	NA	2.0	3.5E-08	1
SILVER	2.4E+00	6.0E-04	NA	NA	NA	NA	2.0	2.9E-09	1
THALLIUM	2.9E+00	1.0E-03	NA	NA	NA	NA	2.0	5.8E-09	1
VANADIUM	8.3E+01	1.0E-03	NA	NA	NA	NA	2.0	1.7E-07	1
ZINC	3.6E+03	6.0E-04	NA	NA	NA	NA	2.0	4.3E-06	1
TRICHLOROETHYLENE	6.5E-01	1.2E-02	5.1E-02	5.7E-01	1.4E+00	1.0E+00	2.0	2.4E-08	3

Inorganics: DAevent (mg/cm²-event) =

$$DA_{event} = Kp \times CW \times t_{event} \times 0.001 \text{ mg/ug} \times 0.001 \text{ l/cm}^3 \quad (\text{Eq 1})$$

Organics: DAevent (mg/cm²-event) =

$$DA_{event} = \begin{matrix} t_{event} \leq t^*: DA_{event} \text{ (mg/cm}^2\text{-event)} = \\ 2 \times FA \times Kp \times Cw \times (\text{sqrt}((6 \times \tau \times t_{event}) / (3.1415))) \times CF1 \times CF2 \end{matrix} \quad (\text{Eq 2})$$

$$\begin{matrix} t_{event} > t^*: DA_{event} \text{ (mg/cm}^2\text{-event)} = \\ FA \times Kp \times CW \times (t_{event}/(1+B) + 2 \times \tau \times ((1 + 3B + 3B^2)/(1+B)^2)) \times CF1 \times CF2 \end{matrix} \quad (\text{Eq 3})$$

Notes:

Values for permeability constants, B, tau, t^* , and FA are from EPA 2004, *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment - Final)*. EPA/540/R/99/005.

B - Dimensionless ratio of the permeability coefficient of a compound through the stratum corneum relative to its permeability coefficient across the viable epidermis (dimensionless).

cm/hr - centimeter per hour

hr - hour

mg/cm²-event - milligram per square centimeter event

NA - Not applicable

ug/L - microgram per liter

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.3.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	3.0E-08	mg/kg/day	3.0E+00	1/(mg/kg/day)	9E-08	2.1E-07	mg/kg/day	3.0E-04	mg/kg/day	7.1E-04
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	5.2E-13	mg/kg/day	1.3E+05	1/(mg/kg/day)	7E-08	3.7E-12	mg/kg/day	7.0E-10	mg/kg/day	5.2E-03
				ALUMINUM	1.8E+04	mg/kg	8.4E-04	mg/kg/day	NA	NA	NA	5.9E-03	mg/kg/day	1.0E+00	mg/kg/day	5.9E-03
				ANTIMONY	1.6E+00	mg/kg	7.5E-08	mg/kg/day	NA	NA	NA	5.2E-07	mg/kg/day	4.0E-04	mg/kg/day	1.3E-03
				ARSENIC	6.7E+01	mg/kg	3.1E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	5E-06	2.2E-05	mg/kg/day	3.0E-04	mg/kg/day	7.2E-02
				CADMIUM	3.7E+00	mg/kg	1.7E-07	mg/kg/day	NA	NA	NA	1.2E-06	mg/kg/day	1.0E-03	mg/kg/day	1.2E-03
				COBALT	7.7E+00	mg/kg	3.6E-07	mg/kg/day	NA	NA	NA	2.5E-06	mg/kg/day	3.0E-04	mg/kg/day	8.3E-03
				IRON	3.8E+04	mg/kg	1.8E-03	mg/kg/day	NA	NA	NA	1.2E-02	mg/kg/day	7.0E-01	mg/kg/day	1.8E-02
				MANGANESE	1.8E+02	mg/kg	8.4E-06	mg/kg/day	NA	NA	NA	5.9E-05	mg/kg/day	1.4E-01	mg/kg/day	4.2E-04
				MERCURY	5.6E-01	mg/kg	2.6E-08	mg/kg/day	NA	NA	NA	1.8E-07	mg/kg/day	3.0E-04	mg/kg/day	6.1E-04
				THALLIUM	1.1E+00	mg/kg	5.2E-08	mg/kg/day	NA	NA	NA	3.6E-07	mg/kg/day	1.0E-05	mg/kg/day	3.6E-02
				VANADIUM	6.0E+01	mg/kg	2.8E-06	mg/kg/day	NA	NA	NA	1.9E-05	mg/kg/day	5.0E-03	mg/kg/day	3.9E-03
			Exp. Route Total								5E-06					1.5E-01
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	BEQ	6.6E-01	mg/kg	1.2E-08	mg/kg/day	3.0E+00	1/(mg/kg/day)	4E-08	8.7E-08	mg/kg/day	3.0E-04	mg/kg/day	2.9E-04
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	5.0E-14	mg/kg/day	1.3E+05	1/(mg/kg/day)	6E-09	3.5E-13	mg/kg/day	7.0E-10	mg/kg/day	5.0E-04
				ALUMINUM	1.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	1.6E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.7E+01	mg/kg	2.9E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	4E-07	2.1E-06	mg/kg/day	3.0E-04	mg/kg/day	6.8E-03
				CADMIUM	3.7E+00	mg/kg	5.4E-10	mg/kg/day	NA	NA	NA	3.8E-09	mg/kg/day	2.5E-05	mg/kg/day	1.5E-04
				COBALT	7.7E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	3.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	5.6E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	6.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
			Exp. Route Total								5E-07					7.8E-03
		Exposure Point Total									5E-06					1.6E-01
	Exposure Medium Total										5E-06					1.6E-01

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.3.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations							
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient			
							Value	Units	Value	Units		Value	Units	Value	Units				
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m³	4.4E-12	mg/m³	1.8E-03	1/(ug/m3)	8E-12	3.1E-11	mg/m³	2.0E-06	mg/m3	1.6E-05			
				2,3,7,8-TCDD TEQ	1.5E-14	mg/m³	7.7E-17	mg/m³	3.8E+01	1/(ug/m3)	3E-12	5.4E-16	mg/m³	4.0E-08	mg/m3	1.3E-08			
				ALUMINUM	2.4E-05	mg/m³	1.2E-07	mg/m³	NA	NA	NA	8.6E-07	mg/m³	5.0E-03	mg/m3	1.7E-04			
				ANTIMONY	2.2E-09	mg/m³	1.1E-11	mg/m³	NA	NA	NA	7.7E-11	mg/m³	NA	NA	NA			
				ARSENIC	8.9E-08	mg/m³	4.5E-10	mg/m³	4.3E-03	1/(ug/m3)	2E-09	3.2E-09	mg/m³	1.5E-05	mg/m3	2.1E-04			
				CADMIUM	5.0E-09	mg/m³	2.5E-11	mg/m³	1.8E-03	1/(ug/m3)	5E-11	1.8E-10	mg/m³	1.0E-05	mg/m3	1.8E-05			
				COBALT	1.0E-08	mg/m³	5.2E-11	mg/m³	9.0E-03	1/(ug/m3)	5E-10	3.7E-10	mg/m³	6.0E-06	mg/m3	6.1E-05			
				IRON	5.0E-05	mg/m³	2.6E-07	mg/m³	NA	NA	NA	1.8E-06	mg/m³	NA	NA	NA			
				MANGANESE	2.4E-07	mg/m³	1.2E-09	mg/m³	NA	NA	NA	8.6E-09	mg/m³	5.0E-05	mg/m3	1.7E-04			
				MERCURY	7.5E-10	mg/m³	3.8E-12	mg/m³	NA	NA	NA	2.7E-11	mg/m³	3.0E-04	mg/m3	8.9E-08			
				THALLIUM	1.5E-09	mg/m³	7.6E-12	mg/m³	NA	NA	NA	5.3E-11	mg/m³	NA	NA	NA			
				VANADIUM	8.0E-08	mg/m³	4.1E-10	mg/m³	NA	NA	NA	2.8E-09	mg/m³	1.0E-04	mg/m3	2.8E-05			
						Exp. Route Total							2E-09					6.8E-04	
				Exposure Point Total							2E-09					6.8E-04			
			Exposure Medium Total							2E-09					6.8E-04				
Surface Soil Total										5E-06					1.6E-01				
Surface Water	Surface Water	Surface Water	Ingestion	BIS(2-ETHYLHEXYL) PHTHALATE	2.6E+01	µg/L	2.4E-07	mg/kg/day	1.4E-02	1/(mg/kg/day)	3E-09	1.7E-06	mg/kg/day	2.0E-02	mg/kg/day	8.4E-05			
				ALUMINUM	6.7E+04	µg/L	6.2E-04	mg/kg/day	NA	NA	NA	4.4E-03	mg/kg/day	1.0E+00	mg/kg/day	4.4E-03			
				ANTIMONY	9.0E+00	µg/L	8.3E-08	mg/kg/day	NA	NA	NA	5.8E-07	mg/kg/day	4.0E-04	mg/kg/day	1.5E-03			
				ARSENIC	1.4E+01	µg/L	1.3E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	2E-07	9.2E-07	mg/kg/day	3.0E-04	mg/kg/day	3.1E-03			
				BERYLLIUM	2.7E+00	µg/L	2.5E-08	mg/kg/day	NA	NA	NA	1.7E-07	mg/kg/day	2.0E-03	mg/kg/day	8.7E-05			
				CADMIUM	2.5E+00	µg/L	2.3E-08	mg/kg/day	NA	NA	NA	1.6E-07	mg/kg/day	1.0E-03	mg/kg/day	1.6E-04			
				COBALT	3.1E+01	µg/L	2.9E-07	mg/kg/day	NA	NA	NA	2.0E-06	mg/kg/day	3.0E-04	mg/kg/day	6.7E-03			
				COPPER	4.0E+02	µg/L	3.7E-06	mg/kg/day	NA	NA	NA	2.6E-05	mg/kg/day	4.0E-02	mg/kg/day	6.5E-04			
				IRON	4.8E+04	µg/L	4.4E-04	mg/kg/day	NA	NA	NA	3.1E-03	mg/kg/day	7.0E-01	mg/kg/day	4.4E-03			
				LEAD	5.7E+01	µg/L	5.3E-07	mg/kg/day	NA	NA	NA	3.7E-06	mg/kg/day	NA	mg/kg/day	NA			
				MANGANESE	9.8E+02	µg/L	9.0E-06	mg/kg/day	NA	NA	NA	6.3E-05	mg/kg/day	1.4E-01	mg/kg/day	4.5E-04			
				NICKEL	8.5E+01	µg/L	7.9E-07	mg/kg/day	NA	NA	NA	5.5E-06	mg/kg/day	2.0E-02	mg/kg/day	2.8E-04			
				SELENIUM	1.8E+01	µg/L	1.6E-07	mg/kg/day	NA	NA	NA	1.1E-06	mg/kg/day	5.0E-03	mg/kg/day	2.3E-04			
				SILVER	2.4E+00	µg/L	2.3E-08	mg/kg/day	NA	NA	NA	1.6E-07	mg/kg/day	5.0E-03	mg/kg/day	3.2E-05			
				THALLIUM	2.9E+00	µg/L	2.7E-08	mg/kg/day	NA	NA	NA	1.9E-07	mg/kg/day	1.0E-05	mg/kg/day	1.9E-02			
				VANADIUM	8.3E+01	µg/L	7.7E-07	mg/kg/day	NA	NA	NA	5.4E-06	mg/kg/day	5.0E-03	mg/kg/day	1.1E-03			
				ZINC	3.6E+03	µg/L	3.3E-05	mg/kg/day	NA	NA	NA	2.3E-04	mg/kg/day	3.0E-01	mg/kg/day	7.7E-04			
				TRICHLOROETHYLENE	6.5E-01	µg/L	6.0E-09	mg/kg/day	1.4E-01	1/(mg/kg/day)	8E-10	4.2E-08	mg/kg/day	5.0E-04	mg/kg/day	8.5E-05			
							Exp. Route Total							2E-07					4.3E-02

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.3.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Water	Surface Water	Surface Water	Dermal	BIS(2-ETHYLHEXYL) PHTHALATE	2.6E+01	µg/L	9.6E-04	mg/kg/day	1.4E-02	1/(mg/kg/day)	1E-05	6.7E-03	mg/kg/day	2.0E-02	mg/kg/day	3.4E-01
				ALUMINUM	6.7E+04	µg/L	2.8E-04	mg/kg/day	NA	NA	NA	2.0E-03	mg/kg/day	1.0E+00	mg/kg/day	2.0E-03
				ANTIMONY	9.0E+00	µg/L	3.7E-08	mg/kg/day	NA	NA	NA	2.6E-07	mg/kg/day	6.0E-05	mg/kg/day	4.4E-03
				ARSENIC	1.4E+01	µg/L	5.9E-08	mg/kg/day	1.5E+00	1/(mg/kg/day)	9E-08	4.1E-07	mg/kg/day	3.0E-04	mg/kg/day	1.4E-03
				BERYLLIUM	2.7E+00	µg/L	1.1E-08	mg/kg/day	NA	NA	NA	7.8E-08	mg/kg/day	1.4E-05	mg/kg/day	5.6E-03
				CADMIUM	2.5E+00	µg/L	1.1E-08	mg/kg/day	NA	NA	NA	7.4E-08	mg/kg/day	2.5E-05	mg/kg/day	3.0E-03
				COBALT	3.1E+01	µg/L	5.2E-08	mg/kg/day	NA	NA	NA	3.6E-07	mg/kg/day	3.0E-04	mg/kg/day	1.2E-03
				COPPER	4.0E+02	µg/L	1.7E-06	mg/kg/day	NA	NA	NA	1.2E-05	mg/kg/day	4.0E-02	mg/kg/day	2.9E-04
				IRON	4.8E+04	µg/L	2.0E-04	mg/kg/day	NA	NA	NA	1.4E-03	mg/kg/day	7.0E-01	mg/kg/day	2.0E-03
				LEAD	5.7E+01	µg/L	2.4E-08	mg/kg/day	NA	NA	NA	1.7E-07	mg/kg/day	NA	mg/kg/day	NA
				MANGANESE	9.8E+02	µg/L	4.1E-06	mg/kg/day	NA	NA	NA	2.8E-05	mg/kg/day	5.6E-03	mg/kg/day	5.1E-03
				NICKEL	8.5E+01	µg/L	7.1E-08	mg/kg/day	NA	NA	NA	5.0E-07	mg/kg/day	8.0E-04	mg/kg/day	6.2E-04
				SELENIUM	1.8E+01	µg/L	7.4E-08	mg/kg/day	NA	NA	NA	5.2E-07	mg/kg/day	5.0E-03	mg/kg/day	1.0E-04
				SILVER	2.4E+00	µg/L	6.1E-09	mg/kg/day	NA	NA	NA	4.3E-08	mg/kg/day	2.0E-04	mg/kg/day	2.1E-04
				THALLIUM	2.9E+00	µg/L	1.2E-08	mg/kg/day	NA	NA	NA	8.5E-08	mg/kg/day	1.0E-05	mg/kg/day	8.5E-03
				VANADIUM	8.3E+01	µg/L	3.5E-07	mg/kg/day	NA	NA	NA	2.4E-06	mg/kg/day	1.3E-04	mg/kg/day	1.9E-02
				ZINC	3.6E+03	µg/L	8.9E-06	mg/kg/day	NA	NA	NA	6.2E-05	mg/kg/day	3.0E-01	mg/kg/day	2.1E-04
				TRICHLOROETHYLENE	6.5E-01	µg/L	4.9E-08	mg/kg/day	1.4E-01	1/(mg/kg/day)	7E-09	3.4E-07	mg/kg/day	5.0E-04	mg/kg/day	6.9E-04
			Exp. Route Total								1E-05					3.9E-01
		Exposure Point Total									1E-05					4.3E-01
	Exposure Medium total										1E-05					4.3E-01
Surface Water Total											1E-05					4.3E-01
Sediment	Sediment	Sediment	Ingestion	BEQ	1.4E+00	mg/kg	3.3E-08	mg/kg/day	3.0E+00	1/(mg/kg/day)	1E-07	2.3E-07	mg/kg/day	3.0E-04	mg/kg/day	7.7E-04
				2,3,7,8-TCDD TEQ	1.6E-04	mg/kg	3.6E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	5E-07	2.5E-11	mg/kg/day	7.0E-10	mg/kg/day	3.6E-02
				ALUMINUM	1.6E+04	mg/kg	3.7E-04	mg/kg/day	NA	NA	NA	2.6E-03	mg/kg/day	1.0E+00	mg/kg/day	2.6E-03
				ANTIMONY	8.0E+00	mg/kg	1.8E-07	mg/kg/day	NA	NA	NA	1.3E-06	mg/kg/day	4.0E-04	mg/kg/day	3.2E-03
				ARSENIC	4.2E+01	mg/kg	9.7E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-06	6.8E-06	mg/kg/day	3.0E-04	mg/kg/day	2.3E-02
				CADMIUM	2.0E+00	mg/kg	4.6E-08	mg/kg/day	NA	NA	NA	3.2E-07	mg/kg/day	1.0E-03	mg/kg/day	3.2E-04
				COBALT	1.4E+01	mg/kg	3.2E-07	mg/kg/day	NA	NA	NA	2.3E-06	mg/kg/day	3.0E-04	mg/kg/day	7.6E-03
				IRON	4.5E+04	mg/kg	1.0E-03	mg/kg/day	NA	NA	NA	7.3E-03	mg/kg/day	7.0E-01	mg/kg/day	1.0E-02
				MANGANESE	1.6E+02	mg/kg	3.6E-06	mg/kg/day	NA	NA	NA	2.5E-05	mg/kg/day	1.4E-01	mg/kg/day	1.8E-04
				MERCURY	1.1E+00	mg/kg	2.6E-08	mg/kg/day	NA	NA	NA	1.8E-07	mg/kg/day	3.0E-04	mg/kg/day	6.1E-04
				NICKEL	5.0E+01	mg/kg	1.2E-06	mg/kg/day	NA	NA	NA	8.1E-06	mg/kg/day	2.0E-02	mg/kg/day	4.0E-04
				THALLIUM	1.1E+00	mg/kg	2.5E-08	mg/kg/day	NA	NA	NA	1.7E-07	mg/kg/day	1.0E-05	mg/kg/day	1.7E-02
				VANADIUM	6.2E+01	mg/kg	1.4E-06	mg/kg/day	NA	NA	NA	1.0E-05	mg/kg/day	5.0E-03	mg/kg/day	2.0E-03
				AROCLOL-1260	5.7E-01	mg/kg	1.3E-08	mg/kg/day	2.0E+00	1/(mg/kg/day)	3E-08	9.2E-08	mg/kg/day	NA	NA	NA
				4,4-DDD	3.0E-02	mg/kg	6.8E-10	mg/kg/day	2.4E-01	1/(mg/kg/day)	2E-10	4.8E-09	mg/kg/day	3.0E-05	mg/kg/day	1.6E-04
			Exp. Route Total								2E-06					1.0E-01

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.3.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Sediment	Sediment	Sediment	Dermal	BEQ	1.4E+00	mg/kg	7.7E-08	mg/kg/day	3.0E+00	1/(mg/kg/day)	2E-07	5.4E-07	mg/kg/day	3.0E-04	mg/kg/day	1.8E-03
				2,3,7,8-TCDD TEQ	1.6E-04	mg/kg	1.9E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	3E-07	1.4E-11	mg/kg/day	7.0E-10	mg/kg/day	1.9E-02
				ALUMINUM	1.6E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	8.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	4.2E+01	mg/kg	5.2E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	8E-07	3.6E-06	mg/kg/day	3.0E-04	mg/kg/day	1.2E-02
				CADMIUM	2.0E+00	mg/kg	8.3E-10	mg/kg/day	NA	NA	NA	5.8E-09	mg/kg/day	2.5E-05	mg/kg/day	2.3E-04
				COBALT	1.4E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	4.5E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.6E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				NICKEL	5.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	8.0E-04	mg/kg/day	NA
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	6.2E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
				AROCLOR-1260	5.7E-01	mg/kg	3.3E-08	mg/kg/day	2.0E+00	1/(mg/kg/day)	7E-08	2.3E-07	mg/kg/day	NA	NA	NA
				4,4-DDD	3.0E-02	mg/kg	1.2E-09	mg/kg/day	2.4E-01	1/(mg/kg/day)	3E-10	8.6E-09	mg/kg/day	3.0E-05	mg/kg/day	2.9E-04
			Exp. Route Total								1E-06					3.4E-02
		Exposure Point Total									3E-06					1.4E-01
	Exposure Medium total										3E-06					1.4E-01
Sediment Total											3E-06					1.4E-01
Receptor Total											2E-05					7.3E-01

Notes:
2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent
BEQ = Benzo(a)pyrene equivalent
CSF = Cancer slope factor
EPC = Exposure point concentration
NA = Not applicable/Not available
RfD = Reference dose
µg/L = microgram per liter
mg/kg = milligram per kilogram
mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.4.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	1.1E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	6E-07	1.2E-06	mg/kg/day	3.0E-04	mg/kg/day	4.1E-03
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	1.8E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	2E-07	2.2E-11	mg/kg/day	7.0E-10	mg/kg/day	3.1E-02
				ALUMINUM	1.8E+04	mg/kg	3.0E-03	mg/kg/day	NA	NA	NA	3.5E-02	mg/kg/day	1.0E+00	mg/kg/day	3.5E-02
				ANTIMONY	1.6E+00	mg/kg	2.6E-07	mg/kg/day	NA	NA	NA	3.1E-06	mg/kg/day	4.0E-04	mg/kg/day	7.7E-03
				ARSENIC	6.7E+01	mg/kg	1.1E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	2E-05	1.3E-04	mg/kg/day	3.0E-04	mg/kg/day	4.2E-01
				CADMIUM	3.7E+00	mg/kg	6.1E-07	mg/kg/day	NA	NA	NA	7.1E-06	mg/kg/day	1.0E-03	mg/kg/day	7.1E-03
				COBALT	7.7E+00	mg/kg	1.3E-06	mg/kg/day	NA	NA	NA	1.5E-05	mg/kg/day	3.0E-04	mg/kg/day	4.9E-02
				IRON	3.8E+04	mg/kg	6.2E-03	mg/kg/day	NA	NA	NA	7.2E-02	mg/kg/day	7.0E-01	mg/kg/day	1.0E-01
				MANGANESE	1.8E+02	mg/kg	3.0E-05	mg/kg/day	NA	NA	NA	3.4E-04	mg/kg/day	1.4E-01	mg/kg/day	2.5E-03
				MERCURY	5.6E-01	mg/kg	9.2E-08	mg/kg/day	NA	NA	NA	1.1E-06	mg/kg/day	3.0E-04	mg/kg/day	3.6E-03
				THALLIUM	1.1E+00	mg/kg	1.8E-07	mg/kg/day	NA	NA	NA	2.1E-06	mg/kg/day	1.0E-05	mg/kg/day	2.1E-01
				VANADIUM	6.0E+01	mg/kg	9.8E-06	mg/kg/day	NA	NA	NA	1.1E-04	mg/kg/day	5.0E-03	mg/kg/day	2.3E-02
			Exp. Route Total								2E-05					9.0E-01
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	BEQ	6.6E-01	mg/kg	3.3E-08	mg/kg/day	1.0E+00	1/(mg/kg/day)	2E-07	3.8E-07	mg/kg/day	3.0E-04	mg/kg/day	1.3E-03
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	1.3E-13	mg/kg/day	1.3E+05	1/(mg/kg/day)	2E-08	1.5E-12	mg/kg/day	7.0E-10	mg/kg/day	2.2E-03
				ALUMINUM	1.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	1.6E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.7E+01	mg/kg	7.8E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-06	9.1E-06	mg/kg/day	3.0E-04	mg/kg/day	3.0E-02
				CADMIUM	3.7E+00	mg/kg	1.4E-09	mg/kg/day	NA	NA	NA	1.7E-08	mg/kg/day	2.5E-05	mg/kg/day	6.7E-04
				COBALT	7.7E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	3.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	5.6E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	6.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
			Exp. Route Total								1E-06					3.4E-02
		Exposure Point Total									2E-05					9.4E-01
	Exposure Medium Total										2E-05					9.4E-01

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.4.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
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Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units				
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m³	2.7E-12	mg/m³	6.0E-04	1/(ug/m3)	3E-11	3.1E-11	mg/m³	2.0E-06	mg/m3	1.6E-05	
				2,3,7,8-TCDD TEQ	1.5E-14	mg/m³	4.6E-17	mg/m³	3.8E+01	1/(ug/m3)	2E-12	5.4E-16	mg/m³	4.0E-08	mg/m3	1.3E-08	
				ALUMINUM	2.4E-05	mg/m³	7.4E-08	mg/m³	NA	NA	NA	8.6E-07	mg/m³	5.0E-03	mg/m3	1.7E-04	
				ANTIMONY	2.2E-09	mg/m³	6.6E-12	mg/m³	NA	NA	NA	7.7E-11	mg/m³	NA	NA	NA	
				ARSENIC	8.9E-08	mg/m³	2.7E-10	mg/m³	4.3E-03	1/(ug/m3)	1E-09	3.2E-09	mg/m³	1.5E-05	mg/m3	2.1E-04	
				CADMIUM	5.0E-09	mg/m³	1.5E-11	mg/m³	1.8E-03	1/(ug/m3)	3E-11	1.8E-10	mg/m³	1.0E-05	mg/m3	1.8E-05	
				COBALT	1.0E-08	mg/m³	3.1E-11	mg/m³	9.0E-03	1/(ug/m3)	3E-10	3.7E-10	mg/m³	6.0E-06	mg/m3	6.1E-05	
				IRON	5.0E-05	mg/m³	1.5E-07	mg/m³	NA	NA	NA	1.8E-06	mg/m³	NA	NA	NA	
				MANGANESE	2.4E-07	mg/m³	7.4E-10	mg/m³	NA	NA	NA	8.6E-09	mg/m³	5.0E-05	mg/m3	1.7E-04	
				MERCURY	7.5E-10	mg/m³	2.3E-12	mg/m³	NA	NA	NA	2.7E-11	mg/m³	3.0E-04	mg/m3	8.9E-08	
				THALLIUM	1.5E-09	mg/m³	4.6E-12	mg/m³	NA	NA	NA	5.3E-11	mg/m³	NA	NA	NA	
				VANADIUM	8.0E-08	mg/m³	2.4E-10	mg/m³	NA	NA	NA	2.8E-09	mg/m³	1.0E-04	mg/m3	2.8E-05	
					Exp. Route Total							2E-09					6.8E-04
					Exposure Point Total							2E-09					6.8E-04
		Exposure Medium Total							2E-09					6.8E-04			
Surface Soil Total										2E-05				9.4E-01			
Surface Water	Surface Water	Surface Water	Ingestion	BIS(2-ETHYLHEXYL) PHTHALATE	2.6E+01	µg/L	4.2E-07	mg/kg/day	1.4E-02	1/(mg/kg/day)	6E-09	4.9E-06	mg/kg/day	2.0E-02	mg/kg/day	2.5E-04	
				ALUMINUM	6.7E+04	µg/L	1.1E-03	mg/kg/day	NA	NA	NA	1.3E-02	mg/kg/day	1.0E+00	mg/kg/day	1.3E-02	
				ANTIMONY	9.0E+00	µg/L	1.5E-07	mg/kg/day	NA	NA	NA	1.7E-06	mg/kg/day	4.0E-04	mg/kg/day	4.3E-03	
				ARSENIC	1.4E+01	µg/L	2.3E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-07	2.7E-06	mg/kg/day	3.0E-04	mg/kg/day	9.0E-03	
				BERYLLIUM	2.7E+00	µg/L	4.4E-08	mg/kg/day	NA	NA	NA	5.1E-07	mg/kg/day	2.0E-03	mg/kg/day	2.5E-04	
				CADMIUM	2.5E+00	µg/L	4.1E-08	mg/kg/day	NA	NA	NA	4.8E-07	mg/kg/day	1.0E-03	mg/kg/day	4.8E-04	
				COBALT	3.1E+01	µg/L	5.1E-07	mg/kg/day	NA	NA	NA	5.9E-06	mg/kg/day	3.0E-04	mg/kg/day	2.0E-02	
				COPPER	4.0E+02	µg/L	6.6E-06	mg/kg/day	NA	NA	NA	7.7E-05	mg/kg/day	4.0E-02	mg/kg/day	1.9E-03	
				IRON	4.8E+04	µg/L	7.8E-04	mg/kg/day	NA	NA	NA	9.1E-03	mg/kg/day	7.0E-01	mg/kg/day	1.3E-02	
				LEAD	5.7E+01	µg/L	9.3E-07	mg/kg/day	NA	NA	NA	1.1E-05	mg/kg/day	NA	mg/kg/day	NA	
				MANGANESE	9.8E+02	µg/L	1.6E-05	mg/kg/day	NA	NA	NA	1.9E-04	mg/kg/day	1.4E-01	mg/kg/day	1.3E-03	
				NICKEL	8.5E+01	µg/L	1.4E-06	mg/kg/day	NA	NA	NA	1.6E-05	mg/kg/day	2.0E-02	mg/kg/day	8.1E-04	
				SELENIUM	1.8E+01	µg/L	2.9E-07	mg/kg/day	NA	NA	NA	3.4E-06	mg/kg/day	5.0E-03	mg/kg/day	6.7E-04	
				SILVER	2.4E+00	µg/L	4.0E-08	mg/kg/day	NA	NA	NA	4.6E-07	mg/kg/day	5.0E-03	mg/kg/day	9.3E-05	
				THALLIUM	2.9E+00	µg/L	4.7E-08	mg/kg/day	NA	NA	NA	5.5E-07	mg/kg/day	1.0E-05	mg/kg/day	5.5E-02	
				VANADIUM	8.3E+01	µg/L	1.4E-06	mg/kg/day	NA	NA	NA	1.6E-05	mg/kg/day	5.0E-03	mg/kg/day	3.2E-03	
				ZINC	3.6E+03	µg/L	5.8E-05	mg/kg/day	NA	NA	NA	6.8E-04	mg/kg/day	3.0E-01	mg/kg/day	2.3E-03	
				TRICHLOROETHYLENE	6.5E-01	µg/L	1.1E-08	mg/kg/day	4.6E-02	1/(mg/kg/day)	5E-10	1.2E-07	mg/kg/day	5.0E-04	mg/kg/day	2.5E-04	
					Exp. Route Total							4E-07					1.3E-01

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TABLE 7.4.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Water	Surface Water	Surface Water	Dermal	BIS(2-ETHYLHEXYL) PHTHALATE	2.6E+01	µg/L	8.9E-04	mg/kg/day	1.4E-02	1/(mg/kg/day)	1E-05	1.0E-02	mg/kg/day	2.0E-02	mg/kg/day	5.2E-01
				ALUMINUM	6.7E+04	µg/L	2.6E-04	mg/kg/day	NA	NA	NA	3.0E-03	mg/kg/day	1.0E+00	mg/kg/day	3.0E-03
				ANTIMONY	9.0E+00	µg/L	3.5E-08	mg/kg/day	NA	NA	NA	4.1E-07	mg/kg/day	6.0E-05	mg/kg/day	6.8E-03
				ARSENIC	1.4E+01	µg/L	5.5E-08	mg/kg/day	1.5E+00	1/(mg/kg/day)	8E-08	6.4E-07	mg/kg/day	3.0E-04	mg/kg/day	2.1E-03
				BERYLLIUM	2.7E+00	µg/L	1.0E-08	mg/kg/day	NA	NA	NA	1.2E-07	mg/kg/day	1.4E-05	mg/kg/day	8.6E-03
				CADMIUM	2.5E+00	µg/L	9.8E-09	mg/kg/day	NA	NA	NA	1.1E-07	mg/kg/day	2.5E-05	mg/kg/day	4.6E-03
				COBALT	3.1E+01	µg/L	4.8E-08	mg/kg/day	NA	NA	NA	5.6E-07	mg/kg/day	3.0E-04	mg/kg/day	1.9E-03
				COPPER	4.0E+02	µg/L	1.6E-06	mg/kg/day	NA	NA	NA	1.8E-05	mg/kg/day	4.0E-02	mg/kg/day	4.6E-04
				IRON	4.8E+04	µg/L	1.9E-04	mg/kg/day	NA	NA	NA	2.2E-03	mg/kg/day	7.0E-01	mg/kg/day	3.1E-03
				LEAD	5.7E+01	µg/L	2.2E-08	mg/kg/day	NA	NA	NA	2.6E-07	mg/kg/day	NA	mg/kg/day	NA
				MANGANESE	9.8E+02	µg/L	3.8E-06	mg/kg/day	NA	NA	NA	4.4E-05	mg/kg/day	5.6E-03	mg/kg/day	7.9E-03
				NICKEL	8.5E+01	µg/L	6.6E-08	mg/kg/day	NA	NA	NA	7.7E-07	mg/kg/day	8.0E-04	mg/kg/day	9.6E-04
				SELENIUM	1.8E+01	µg/L	6.9E-08	mg/kg/day	NA	NA	NA	8.0E-07	mg/kg/day	5.0E-03	mg/kg/day	1.6E-04
				SILVER	2.4E+00	µg/L	5.7E-09	mg/kg/day	NA	NA	NA	6.6E-08	mg/kg/day	2.0E-04	mg/kg/day	3.3E-04
				THALLIUM	2.9E+00	µg/L	1.1E-08	mg/kg/day	NA	NA	NA	1.3E-07	mg/kg/day	1.0E-05	mg/kg/day	1.3E-02
				VANADIUM	8.3E+01	µg/L	3.2E-07	mg/kg/day	NA	NA	NA	3.8E-06	mg/kg/day	1.3E-04	mg/kg/day	2.9E-02
				ZINC	3.6E+03	µg/L	8.2E-06	mg/kg/day	NA	NA	NA	9.6E-05	mg/kg/day	3.0E-01	mg/kg/day	3.2E-04
				TRICHLOROETHYLENE	6.5E-01	µg/L	4.5E-08	mg/kg/day	4.6E-02	1/(mg/kg/day)	2E-09	5.3E-07	mg/kg/day	5.0E-04	mg/kg/day	1.1E-03
			Exp. Route Total								1E-05					6.0E-01
			Exposure Point Total								1E-05					7.3E-01
			Exposure Medium total								1E-05					7.3E-01
Surface Water Total										1E-05					7.3E-01	
Sediment	Sediment	Sediment	Ingestion	BEQ	1.4E+00	mg/kg	5.8E-08	mg/kg/day	1.0E+00	1/(mg/kg/day)	1E-06	6.8E-07	mg/kg/day	3.0E-04	mg/kg/day	2.3E-03
				2,3,7,8-TCDD TEQ	1.6E-04	mg/kg	6.3E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	8E-07	7.4E-11	mg/kg/day	7.0E-10	mg/kg/day	1.1E-01
				ALUMINUM	1.6E+04	mg/kg	6.5E-04	mg/kg/day	NA	NA	NA	7.5E-03	mg/kg/day	1.0E+00	mg/kg/day	7.5E-03
				ANTIMONY	8.0E+00	mg/kg	3.2E-07	mg/kg/day	NA	NA	NA	3.8E-06	mg/kg/day	4.0E-04	mg/kg/day	9.5E-03
				ARSENIC	4.2E+01	mg/kg	1.7E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-06	2.0E-05	mg/kg/day	3.0E-04	mg/kg/day	6.6E-02
				CADMIUM	2.0E+00	mg/kg	8.2E-08	mg/kg/day	NA	NA	NA	9.5E-07	mg/kg/day	1.0E-03	mg/kg/day	9.5E-04
				COBALT	1.4E+01	mg/kg	5.7E-07	mg/kg/day	NA	NA	NA	6.7E-06	mg/kg/day	3.0E-04	mg/kg/day	2.2E-02
				IRON	4.5E+04	mg/kg	1.8E-03	mg/kg/day	NA	NA	NA	2.1E-02	mg/kg/day	7.0E-01	mg/kg/day	3.0E-02
				MANGANESE	1.6E+02	mg/kg	6.3E-06	mg/kg/day	NA	NA	NA	7.4E-05	mg/kg/day	1.4E-01	mg/kg/day	5.3E-04
				MERCURY	1.1E+00	mg/kg	4.6E-08	mg/kg/day	NA	NA	NA	5.4E-07	mg/kg/day	3.0E-04	mg/kg/day	1.8E-03
				NICKEL	5.0E+01	mg/kg	2.0E-06	mg/kg/day	NA	NA	NA	2.4E-05	mg/kg/day	2.0E-02	mg/kg/day	1.2E-03
				THALLIUM	1.1E+00	mg/kg	4.4E-08	mg/kg/day	NA	NA	NA	5.1E-07	mg/kg/day	1.0E-05	mg/kg/day	5.1E-02
				VANADIUM	6.2E+01	mg/kg	2.5E-06	mg/kg/day	NA	NA	NA	2.9E-05	mg/kg/day	5.0E-03	mg/kg/day	5.9E-03
				AROCLO-1260	5.7E-01	mg/kg	2.3E-08	mg/kg/day	2.0E+00	1/(mg/kg/day)	5E-08	2.7E-07	mg/kg/day	NA	NA	NA
				4,4-DDD	3.0E-02	mg/kg	1.2E-09	mg/kg/day	2.4E-01	1/(mg/kg/day)	3E-10	1.4E-08	mg/kg/day	3.0E-05	mg/kg/day	4.7E-04
				Exp. Route Total								5E-06				

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.4.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Sediment	Sediment	Sediment	Dermal	BEQ	1.4E+00	mg/kg	7.1E-08	mg/kg/day	1.0E+00	1/(mg/kg/day)	4E-07	8.3E-07	mg/kg/day	3.0E-04	mg/kg/day	2.8E-03	
				2,3,7,8-TCDD TEQ	1.6E-04	mg/kg	1.8E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	2E-07	2.1E-11	mg/kg/day	7.0E-10	mg/kg/day	3.0E-02	
				ALUMINUM	1.6E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA	
				ANTIMONY	8.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA	
				ARSENIC	4.2E+01	mg/kg	4.8E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	7E-07	5.6E-06	mg/kg/day	3.0E-04	mg/kg/day	1.9E-02	
				CADMIUM	2.0E+00	mg/kg	7.7E-10	mg/kg/day	NA	NA	NA	9.0E-09	mg/kg/day	2.5E-05	mg/kg/day	3.6E-04	
				COBALT	1.4E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA	
				IRON	4.5E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA	
				MANGANESE	1.6E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA	
				MERCURY	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA	
				NICKEL	5.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	8.0E-04	mg/kg/day	NA	
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA	
				VANADIUM	6.2E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA	
				AROCOLOR-1260	5.7E-01	mg/kg	3.1E-08	mg/kg/day	2.0E+00	1/(mg/kg/day)	6E-08	3.6E-07	mg/kg/day	NA	NA	NA	
				4,4-DDD	3.0E-02	mg/kg	1.1E-09	mg/kg/day	2.4E-01	1/(mg/kg/day)	3E-10	1.3E-08	mg/kg/day	3.0E-05	mg/kg/day	4.4E-04	
					Exp. Route Total							1E-06					5.2E-02
					Exposure Point Total							6E-06					3.6E-01
					Exposure Medium total							6E-06					3.6E-01
		Sediment Total										6E-06				3.6E-01	
	Receptor Total										4E-05				2.0E+00		

Notes:

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfD = Reference dose

µg/L = microgram per liter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

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TABLE 7.4.RME Supplement
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations						
					Value	Units	Intake			CSF/Unit Risk			Cancer Risk
							Value		Units	Value		Units	
							0-2 yrs	2-6 yrs		0-2 yrs (ADAF=10)	2-6 yrs (ADAF=3)		
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	3.6E-08	7.1E-08	mg/kg-day	1.0E+01	3.0E+00	1/(mg/kg-day)	5.7E-07
			Dermal	BEQ	6.6E-01	mg/kg	1.1E-08	2.2E-08	mg/kg-day	1.0E+01	3.0E+00	1/(mg/kg-day)	1.8E-07
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m³	3.6E-12	7.1E-12	mg/m³	6.0E-03	1.8E-03	1/(µg/m³)	3.4E-11
Sediment	Sediment	Sediment	Ingestion	BEQ	1.4E+00	mg/kg	7.7E-08	1.5E-07	mg/kg-day	1.0E+01	3.0E+00	1/(mg/kg-day)	1.2E-06
			Dermal	BEQ	1.4E+00	mg/kg	2.4E-08	4.8E-08	mg/kg-day	1.0E+01	3.0E+00	1/(mg/kg-day)	3.8E-07
Surface Water	Surface Water	Surface Water	Ingestion	TRICHLOROETHYLENE	6.5E-01	µg/L	3.5E-09	7.1E-09	mg/kg-day	9.3E-02	2.8E-02	1/(mg/kg-day)	5.3E-10
			Dermal	TRICHLOROETHYLENE	6.5E-01	µg/L	1.5E-08	3.1E-08	mg/kg-day	9.3E-02	2.8E-02	1/(mg/kg-day)	2.3E-09

Notes:

ADAF = Age-dependent adjustment factor

BEQ = Benzo(a)pyrene equivalent

CSF = Cancer slope factor

EPC = Exposure point concentration

µg/m³= microgram per cubic meter

mg/m³= milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.5.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Industrial/Commercial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations							
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient			
							Value	Units	Value	Units		Value	Units	Value	Units				
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	2.0E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	2E-07	5.6E-07	mg/kg/day	3.0E-04	mg/kg/day	1.9E-03			
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	3.5E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	5E-07	9.7E-12	mg/kg/day	7.0E-10	mg/kg/day	1.4E-02			
				ALUMINUM	1.8E+04	mg/kg	5.6E-03	mg/kg/day	NA	NA	NA	1.6E-02	mg/kg/day	1.0E+00	mg/kg/day	1.6E-02			
				ANTIMONY	1.6E+00	mg/kg	5.0E-07	mg/kg/day	NA	NA	NA	1.4E-06	mg/kg/day	4.0E-04	mg/kg/day	3.5E-03			
				ARSENIC	6.7E+01	mg/kg	2.1E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-05	5.7E-05	mg/kg/day	3.0E-04	mg/kg/day	1.9E-01			
				CADMIUM	3.7E+00	mg/kg	1.1E-06	mg/kg/day	NA	NA	NA	3.2E-06	mg/kg/day	1.0E-03	mg/kg/day	3.2E-03			
				COBALT	7.7E+00	mg/kg	2.4E-06	mg/kg/day	NA	NA	NA	6.6E-06	mg/kg/day	3.0E-04	mg/kg/day	2.2E-02			
				IRON	3.8E+04	mg/kg	1.2E-02	mg/kg/day	NA	NA	NA	3.2E-02	mg/kg/day	7.0E-01	mg/kg/day	4.6E-02			
				MANGANESE	1.8E+02	mg/kg	5.5E-05	mg/kg/day	NA	NA	NA	1.6E-04	mg/kg/day	1.4E-01	mg/kg/day	1.1E-03			
				MERCURY	5.6E-01	mg/kg	1.7E-07	mg/kg/day	NA	NA	NA	4.8E-07	mg/kg/day	3.0E-04	mg/kg/day	1.6E-03			
				THALLIUM	1.1E+00	mg/kg	3.4E-07	mg/kg/day	NA	NA	NA	9.6E-07	mg/kg/day	1.0E-05	mg/kg/day	9.6E-02			
				VANADIUM	6.0E+01	mg/kg	1.8E-05	mg/kg/day	NA	NA	NA	5.1E-05	mg/kg/day	5.0E-03	mg/kg/day	1.0E-02			
			Exp. Route Total											3E-05					4.1E-01
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	BEQ	6.6E-01	mg/kg	1.1E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	1E-07	3.1E-07	mg/kg/day	3.0E-04	mg/kg/day	1.0E-03			
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	4.4E-13	mg/kg/day	1.3E+05	1/(mg/kg/day)	6E-08	1.2E-12	mg/kg/day	7.0E-10	mg/kg/day	1.8E-03			
				ALUMINUM	1.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA			
				ANTIMONY	1.6E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA			
				ARSENIC	6.7E+01	mg/kg	2.6E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	4E-06	7.3E-06	mg/kg/day	3.0E-04	mg/kg/day	2.4E-02			
				CADMIUM	3.7E+00	mg/kg	4.8E-09	mg/kg/day	NA	NA	NA	1.4E-08	mg/kg/day	2.5E-05	mg/kg/day	5.4E-04			
				COBALT	7.7E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA			
				IRON	3.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA			
				MANGANESE	1.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA			
				MERCURY	5.6E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA			
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA			
				VANADIUM	6.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA			
			Exp. Route Total											4E-06					2.8E-02
Exposure Point Total												4E-05					4.3E-01		
Exposure Medium Total														4E-05					4.3E-01

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TABLE 7.5.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Industrial/Commercial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m ³	7.1E-11	mg/m ³	6.0E-04	1/(ug/m3)	4E-11	2.0E-10	mg/m ³	2.0E-06	mg/m3	1.0E-04
				2,3,7,8-TCDD TEQ	1.5E-14	mg/m ³	1.2E-15	mg/m ³	3.8E+01	1/(ug/m3)	5E-11	3.5E-15	mg/m ³	4.0E-08	mg/m3	8.6E-08
				ALUMINUM	2.4E-05	mg/m ³	2.0E-06	mg/m ³	NA	NA	NA	5.5E-06	mg/m ³	5.0E-03	mg/m3	1.1E-03
				ANTIMONY	2.2E-09	mg/m ³	1.8E-10	mg/m ³	NA	NA	NA	4.9E-10	mg/m ³	NA	NA	NA
				ARSENIC	8.9E-08	mg/m ³	7.3E-09	mg/m ³	4.3E-03	1/(ug/m3)	3E-08	2.0E-08	mg/m ³	1.5E-05	mg/m3	1.4E-03
				CADMIUM	5.0E-09	mg/m ³	4.1E-10	mg/m ³	1.8E-03	1/(ug/m3)	7E-10	1.1E-09	mg/m ³	1.0E-05	mg/m3	1.1E-04
				COBALT	1.0E-08	mg/m ³	8.4E-10	mg/m ³	9.0E-03	1/(ug/m3)	8E-09	2.3E-09	mg/m ³	6.0E-06	mg/m3	3.9E-04
				IRON	5.0E-05	mg/m ³	4.1E-06	mg/m ³	NA	NA	NA	1.2E-05	mg/m ³	NA	NA	NA
				MANGANESE	2.4E-07	mg/m ³	2.0E-08	mg/m ³	NA	NA	NA	5.5E-08	mg/m ³	5.0E-05	mg/m3	1.1E-03
				MERCURY	7.5E-10	mg/m ³	6.1E-11	mg/m ³	NA	NA	NA	1.7E-10	mg/m ³	3.0E-04	mg/m3	5.7E-07
				THALLIUM	1.5E-09	mg/m ³	1.2E-10	mg/m ³	NA	NA	NA	3.4E-10	mg/m ³	NA	NA	NA
				VANADIUM	8.0E-08	mg/m ³	6.5E-09	mg/m ³	NA	NA	NA	1.8E-08	mg/m ³	1.0E-04	mg/m3	1.8E-04
			Exp. Route Total								4E-08					4.4E-03
		Exposure Point Total									4E-08					4.4E-03
	Exposure Medium Total										4E-08					4.4E-03
Surface Soil Total											4E-05					4.4E-01
Receptor Total											4E-05					4.4E-01

Notes:

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfD = Reference dose

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.6.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Construction/Utility Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Ingestion	BEQ	6.1E-01	mg/kg	2.2E-08	mg/kg/day	1.0E+00	1/(mg/kg/day)	2E-08	1.6E-06	mg/kg/day	3.0E-04	mg/kg/day	5.2E-03
				2,3,7,8-TCDD TEQ	2.7E-05	mg/kg	9.8E-13	mg/kg/day	1.3E+05	1/(mg/kg/day)	1E-07	6.9E-11	mg/kg/day	2.0E-08	mg/kg/day	3.4E-03
				ALUMINUM	1.7E+04	mg/kg	6.1E-04	mg/kg/day	NA	NA	NA	4.3E-02	mg/kg/day	1.0E+00	mg/kg/day	4.3E-02
				ANTIMONY	3.2E+00	mg/kg	1.2E-07	mg/kg/day	NA	NA	NA	8.1E-06	mg/kg/day	4.0E-04	mg/kg/day	2.0E-02
				ARSENIC	5.8E+01	mg/kg	2.1E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-06	1.5E-04	mg/kg/day	3.0E-04	mg/kg/day	4.9E-01
				CADMIUM	3.1E+00	mg/kg	1.1E-07	mg/kg/day	NA	NA	NA	7.8E-06	mg/kg/day	1.0E-03	mg/kg/day	7.8E-03
				COBALT	7.2E+00	mg/kg	2.6E-07	mg/kg/day	NA	NA	NA	1.8E-05	mg/kg/day	3.0E-03	mg/kg/day	6.1E-03
				IRON	3.5E+04	mg/kg	1.3E-03	mg/kg/day	NA	NA	NA	9.0E-02	mg/kg/day	7.0E-01	mg/kg/day	1.3E-01
				MANGANESE	1.7E+02	mg/kg	6.2E-06	mg/kg/day	NA	NA	NA	4.3E-04	mg/kg/day	1.4E-01	mg/kg/day	3.1E-03
				MERCURY	4.9E-01	mg/kg	1.8E-08	mg/kg/day	NA	NA	NA	1.3E-06	mg/kg/day	2.0E-03	mg/kg/day	6.3E-04
				THALLIUM	8.4E-01	mg/kg	3.0E-08	mg/kg/day	NA	NA	NA	2.1E-06	mg/kg/day	4.0E-05	mg/kg/day	5.3E-02
				VANADIUM	5.7E+01	mg/kg	2.1E-06	mg/kg/day	NA	NA	NA	1.4E-04	mg/kg/day	1.0E-02	mg/kg/day	1.4E-02
				HEPTACHLOR EPOXIDE	1.5E-02	mg/kg	5.4E-10	mg/kg/day	9.1E+00	1/(mg/kg/day)	5E-09	3.8E-08	mg/kg/day	1.3E-05	mg/kg/day	2.9E-03
			Exp. Route Total								3E-06					7.8E-01
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Dermal	BEQ	6.1E-01	mg/kg	9.2E-09	mg/kg/day	1.0E+00	1/(mg/kg/day)	9E-09	6.5E-07	mg/kg/day	3.0E-04	mg/kg/day	2.2E-03
				2,3,7,8-TCDD TEQ	2.7E-05	mg/kg	9.5E-14	mg/kg/day	1.3E+05	1/(mg/kg/day)	1E-08	6.6E-12	mg/kg/day	2.0E-08	mg/kg/day	3.3E-04
				ALUMINUM	1.7E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	3.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	5.8E+01	mg/kg	2.0E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-07	1.4E-05	mg/kg/day	3.0E-04	mg/kg/day	4.7E-02
				CADMIUM	3.1E+00	mg/kg	3.6E-10	mg/kg/day	NA	NA	NA	2.5E-08	mg/kg/day	2.5E-05	mg/kg/day	1.0E-03
				COBALT	7.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-03	mg/kg/day	NA
				IRON	3.5E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.7E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	4.9E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.4E-04	mg/kg/day	NA
				THALLIUM	8.4E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	4.0E-05	mg/kg/day	NA
				VANADIUM	5.7E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.6E-04	mg/kg/day	NA
				HEPTACHLOR EPOXIDE	1.5E-02	mg/kg	NA	mg/kg/day	9.1E+00	1/(mg/kg/day)	NA	NA	mg/kg/day	1.3E-05	mg/kg/day	NA
			Exp. Route Total								3E-07					5.1E-02
		Exposure Point Total									4E-06					8.3E-01
	Exposure Medium Total										4E-06					8.3E-01

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TABLE 7.6.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Construction/Utility Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Total Soil	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	Inhalation	BEQ	6.9E-08	mg/m³	2.0E-10	mg/m³	6.0E-04	1/(ug/m3)	1E-10	1.4E-08	mg/m³	2.0E-06	mg/m3	7.1E-03
				2,3,7,8-TCDD TEQ	3.1E-12	mg/m³	9.0E-15	mg/m³	3.8E+01	1/(ug/m3)	3E-10	6.3E-13	mg/m³	4.0E-08	mg/m3	1.6E-05
				ALUMINUM	1.9E-03	mg/m³	5.6E-06	mg/m³	NA	NA	NA	3.9E-04	mg/m³	5.0E-03	mg/m3	7.8E-02
				ANTIMONY	3.6E-07	mg/m³	1.1E-09	mg/m³	NA	NA	NA	7.4E-08	mg/m³	NA	NA	NA
				ARSENIC	6.6E-06	mg/m³	1.9E-08	mg/m³	4.3E-03	1/(ug/m3)	8E-08	1.3E-06	mg/m³	1.5E-05	mg/m3	9.0E-02
				CADMIUM	3.5E-07	mg/m³	1.0E-09	mg/m³	1.8E-03	1/(ug/m3)	2E-09	7.2E-08	mg/m³	1.0E-05	mg/m3	7.2E-03
				COBALT	8.2E-07	mg/m³	2.4E-09	mg/m³	9.0E-03	1/(ug/m3)	2E-08	1.7E-07	mg/m³	2.0E-05	mg/m3	8.4E-03
				IRON	4.0E-03	mg/m³	1.2E-05	mg/m³	NA	NA	NA	8.2E-04	mg/m³	NA	NA	NA
				MANGANESE	1.9E-05	mg/m³	5.6E-08	mg/m³	NA	NA	NA	3.9E-06	mg/m³	5.0E-05	mg/m3	7.9E-02
				MERCURY	5.6E-08	mg/m³	1.6E-10	mg/m³	NA	NA	NA	1.1E-08	mg/m³	3.0E-04	mg/m3	3.8E-05
				THALLIUM	9.4E-08	mg/m³	2.8E-10	mg/m³	NA	NA	NA	1.9E-08	mg/m³	NA	NA	NA
				VANADIUM	6.4E-06	mg/m³	1.9E-08	mg/m³	NA	NA	NA	1.3E-06	mg/m³	1.0E-04	mg/m3	1.3E-02
				HEPTACHLOR EPOXIDE	1.7E-09	mg/m³	4.9E-12	mg/m³	2.6E-03	1/(ug/m3)	1E-11	3.4E-10	mg/m³	NA	NA	NA
			Exp. Route Total								1E-07					2.8E-01
	Exposure Point Total								1E-07					2.8E-01		
	Exposure Medium Total								1E-07					2.8E-01		
Total Soil Total											4E-06					1.1E+00
Receptor Total											4E-06					1.1E+00

Notes:

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfD = Reference dose

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.7.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	NA	NA	NA	NA	NA	7.9E-07	mg/kg/day	3.0E-04	mg/kg/day	2.6E-03
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	NA	NA	NA	NA	NA	1.4E-11	mg/kg/day	7.0E-10	mg/kg/day	1.9E-02
				ALUMINIUM	1.8E+04	mg/kg	NA	NA	NA	NA	NA	2.2E-02	mg/kg/day	1.0E+00	mg/kg/day	2.2E-02
				ANTIMONY	1.6E+00	mg/kg	NA	NA	NA	NA	NA	1.9E-06	mg/kg/day	4.0E-04	mg/kg/day	4.9E-03
				ARSENIC	6.7E+01	mg/kg	NA	NA	NA	NA	NA	8.0E-05	mg/kg/day	3.0E-04	mg/kg/day	2.7E-01
				CADMIUM	3.7E+00	mg/kg	NA	NA	NA	NA	NA	4.5E-06	mg/kg/day	1.0E-03	mg/kg/day	4.5E-03
				COBALT	7.7E+00	mg/kg	NA	NA	NA	NA	NA	9.2E-06	mg/kg/day	3.0E-04	mg/kg/day	3.1E-02
				IRON	3.8E+04	mg/kg	NA	NA	NA	NA	NA	4.5E-02	mg/kg/day	7.0E-01	mg/kg/day	6.5E-02
				MANGANESE	1.8E+02	mg/kg	NA	NA	NA	NA	NA	2.2E-04	mg/kg/day	1.4E-01	mg/kg/day	1.6E-03
				MERCURY	5.6E-01	mg/kg	NA	NA	NA	NA	NA	6.8E-07	mg/kg/day	3.0E-04	mg/kg/day	2.3E-03
				THALLIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	1.3E-06	mg/kg/day	1.0E-05	mg/kg/day	1.3E-01
				VANADIUM	6.0E+01	mg/kg	NA	NA	NA	NA	NA	7.2E-05	mg/kg/day	5.0E-03	mg/kg/day	1.4E-02
			Exp. Route Total								NA					5.7E-01
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	BEQ	6.6E-01	mg/kg	NA	NA	NA	NA	NA	4.3E-07	mg/kg/day	3.0E-04	mg/kg/day	1.4E-03
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	NA	NA	NA	NA	NA	1.7E-12	mg/kg/day	7.0E-10	mg/kg/day	2.5E-03
				ALUMINIUM	1.8E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	1.6E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.7E+01	mg/kg	NA	NA	NA	NA	NA	1.0E-05	mg/kg/day	3.0E-04	mg/kg/day	3.4E-02
				CADMIUM	3.7E+00	mg/kg	NA	NA	NA	NA	NA	1.9E-08	mg/kg/day	2.5E-05	mg/kg/day	7.6E-04
				COBALT	7.7E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	3.8E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.8E+02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	5.6E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	6.0E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
			Exp. Route Total								NA					3.9E-02
		Exposure Point Total									NA					6.1E-01
	Exposure Medium Total										NA					6.1E-01

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TABLE 7.7.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations						
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient		
							Value	Units	Value	Units		Value	Units	Value	Units			
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m ³	NA	NA	NA	NA	NA	8.4E-10	mg/m ³	2.0E-06	mg/m3	4.2E-04		
				2,3,7,8-TCDD TEQ	1.5E-14	mg/m ³	NA	NA	NA	NA	NA	1.4E-14	mg/m ³	4.0E-08	mg/m3	3.6E-07		
				ALUMINIUM	2.4E-05	mg/m ³	NA	NA	NA	NA	NA	2.3E-05	mg/m ³	5.0E-03	mg/m3	4.6E-03		
				ANTIMONY	2.2E-09	mg/m ³	NA	NA	NA	NA	NA	2.1E-09	mg/m ³	NA	NA	NA		
				ARSENIC	8.9E-08	mg/m ³	NA	NA	NA	NA	NA	8.6E-08	mg/m ³	1.5E-05	mg/m3	5.7E-03		
				CADMIUM	5.0E-09	mg/m ³	NA	NA	NA	NA	NA	4.8E-09	mg/m ³	1.0E-05	mg/m3	4.8E-04		
				COBALT	1.0E-08	mg/m ³	NA	NA	NA	NA	NA	9.8E-09	mg/m ³	6.0E-06	mg/m3	1.6E-03		
				IRON	5.0E-05	mg/m ³	NA	NA	NA	NA	NA	4.8E-05	mg/m ³	NA	NA	NA		
				MANGANESE	2.4E-07	mg/m ³	NA	NA	NA	NA	NA	2.3E-07	mg/m ³	5.0E-05	mg/m3	4.6E-03		
				MERCURY	7.5E-10	mg/m ³	NA	NA	NA	NA	NA	7.2E-10	mg/m ³	3.0E-04	mg/m3	2.4E-06		
				THALLIUM	1.5E-09	mg/m ³	NA	NA	NA	NA	NA	1.4E-09	mg/m ³	NA	NA	NA		
				VANADIUM	8.0E-08	mg/m ³	NA	NA	NA	NA	NA	7.7E-08	mg/m ³	1.0E-04	mg/m3	7.7E-04		
				Exp. Route Total								NA						1.8E-02
				Exposure Point Total								NA						1.8E-02
	Exposure Medium Total								NA						1.8E-02			
Surface Soil Total									NA						6.3E-01			
Receptor Total									NA						6.3E-01			

Notes:
2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent
BEQ = Benzo(a)pyrene equivalent
CSF = Cancer slope factor
EPC = Exposure point concentration
NA = Not applicable/Not available
RfC = Reference concentration
RfD = Reference dose
µg/m³ = microgram per cubic meter
mg/m³ = milligram per cubic meter
mg/kg = milligram per kilogram
mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.8.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	NA	NA	NA	NA	NA	8.4E-06	mg/kg/day	3.0E-04	mg/kg/day	2.8E-02
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	NA	NA	NA	NA	NA	1.4E-10	mg/kg/day	7.0E-10	mg/kg/day	2.1E-01
				ALUMINUM	1.8E+04	mg/kg	NA	NA	NA	NA	NA	2.3E-01	mg/kg/day	1.0E+00	mg/kg/day	2.3E-01
				ANTIMONY	1.6E+00	mg/kg	NA	NA	NA	NA	NA	2.1E-05	mg/kg/day	4.0E-04	mg/kg/day	5.2E-02
				ARSENIC	6.7E+01	mg/kg	NA	NA	NA	NA	NA	8.6E-04	mg/kg/day	3.0E-04	mg/kg/day	2.9E+00
				CADMIUM	3.7E+00	mg/kg	NA	NA	NA	NA	NA	4.8E-05	mg/kg/day	1.0E-03	mg/kg/day	4.8E-02
				COBALT	7.7E+00	mg/kg	NA	NA	NA	NA	NA	9.9E-05	mg/kg/day	3.0E-04	mg/kg/day	3.3E-01
				IRON	3.8E+04	mg/kg	NA	NA	NA	NA	NA	4.8E-01	mg/kg/day	7.0E-01	mg/kg/day	6.9E-01
				MANGANESE	1.8E+02	mg/kg	NA	NA	NA	NA	NA	2.3E-03	mg/kg/day	1.4E-01	mg/kg/day	1.7E-02
				MERCURY	5.6E-01	mg/kg	NA	NA	NA	NA	NA	7.2E-06	mg/kg/day	3.0E-04	mg/kg/day	2.4E-02
				THALLIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	1.4E-05	mg/kg/day	1.0E-05	mg/kg/day	1.4E+00
				VANADIUM	6.0E+01	mg/kg	NA	NA	NA	NA	NA	7.7E-04	mg/kg/day	5.0E-03	mg/kg/day	1.5E-01
			Exp. Route Total								NA					6.1E+00
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	BEQ	6.6E-01	mg/kg	NA	NA	NA	NA	NA	2.6E-06	mg/kg/day	3.0E-04	mg/kg/day	8.6E-03
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	NA	NA	NA	NA	NA	1.0E-11	mg/kg/day	7.0E-10	mg/kg/day	1.5E-02
				ALUMINUM	1.8E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	1.6E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.7E+01	mg/kg	NA	NA	NA	NA	NA	6.1E-05	mg/kg/day	3.0E-04	mg/kg/day	2.0E-01
				CADMIUM	3.7E+00	mg/kg	NA	NA	NA	NA	NA	1.1E-07	mg/kg/day	2.5E-05	mg/kg/day	4.5E-03
				COBALT	7.7E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	3.8E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.8E+02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	5.6E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	6.0E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
			Exp. Route Total								NA					2.3E-01
		Exposure Point Total									NA					6.3E+00
	Exposure Medium Total										NA					6.3E+00

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TABLE 7.8.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m ³	NA	NA	NA	NA	NA	8.4E-10	mg/m ³	2.0E-06	mg/m3	4.2E-04
				2,3,7,8-TCDD TEQ	1.5E-14	mg/m ³	NA	NA	NA	NA	NA	1.4E-14	mg/m ³	4.0E-08	mg/m3	3.6E-07
				ALUMINUM	2.4E-05	mg/m ³	NA	NA	NA	NA	NA	2.3E-05	mg/m ³	5.0E-03	mg/m3	4.6E-03
				ANTIMONY	2.2E-09	mg/m ³	NA	NA	NA	NA	NA	2.1E-09	mg/m ³	NA	NA	NA
				ARSENIC	8.9E-08	mg/m ³	NA	NA	NA	NA	NA	8.6E-08	mg/m ³	1.5E-05	mg/m3	5.7E-03
				CADMIUM	5.0E-09	mg/m ³	NA	NA	NA	NA	NA	4.8E-09	mg/m ³	1.0E-05	mg/m3	4.8E-04
				COBALT	1.0E-08	mg/m ³	NA	NA	NA	NA	NA	9.8E-09	mg/m ³	6.0E-06	mg/m3	1.6E-03
				IRON	5.0E-05	mg/m ³	NA	NA	NA	NA	NA	4.8E-05	mg/m ³	NA	NA	NA
				MANGANESE	2.4E-07	mg/m ³	NA	NA	NA	NA	NA	2.3E-07	mg/m ³	5.0E-05	mg/m3	4.6E-03
				MERCURY	7.5E-10	mg/m ³	NA	NA	NA	NA	NA	7.2E-10	mg/m ³	3.0E-04	mg/m3	2.4E-06
				THALLIUM	1.5E-09	mg/m ³	NA	NA	NA	NA	NA	1.4E-09	mg/m ³	NA	NA	NA
				VANADIUM	8.0E-08	mg/m ³	NA	NA	NA	NA	NA	7.7E-08	mg/m ³	1.0E-04	mg/m3	7.7E-04
			Exp. Route Total								NA					1.8E-02
		Exposure Point Total									NA					1.8E-02
	Exposure Medium Total										NA					1.8E-02
Surface Soil Total											NA					6.3E+00
Receptor Total											NA					6.3E+00

Notes:

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³= microgram per cubic meter

mg/m³= milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

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TABLE 7.9.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	9.4E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	4E-06	NA	NA	NA	NA	NA
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	1.6E-11	mg/kg/day	1.3E+05	1/(mg/kg/day)	2E-06	NA	NA	NA	NA	NA
				ALUMINUM	1.8E+04	mg/kg	2.6E-02	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	1.6E+00	mg/kg	2.3E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				ARSENIC	6.7E+01	mg/kg	9.6E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-04	NA	NA	NA	NA	NA
				CADMIUM	3.7E+00	mg/kg	5.4E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				COBALT	7.7E+00	mg/kg	1.1E-05	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				IRON	3.8E+04	mg/kg	5.4E-02	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				MANGANESE	1.8E+02	mg/kg	2.6E-04	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				MERCURY	5.6E-01	mg/kg	8.1E-07	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				THALLIUM	1.1E+00	mg/kg	1.6E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				VANADIUM	6.0E+01	mg/kg	8.6E-05	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
			Exp. Route Total								2E-04					NA
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	BEQ	6.6E-01	mg/kg	3.4E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	1E-06	NA	NA	NA	NA	NA
				2,3,7,8-TCDD TEQ	1.1E-05	mg/kg	1.4E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	2E-07	NA	NA	NA	NA	NA
				ALUMINUM	1.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	1.6E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				ARSENIC	6.7E+01	mg/kg	8.1E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-05	NA	NA	NA	NA	NA
				CADMIUM	3.7E+00	mg/kg	1.5E-08	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				COBALT	7.7E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				IRON	3.8E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				MANGANESE	1.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				MERCURY	5.6E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				THALLIUM	1.1E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				VANADIUM	6.0E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
			Exp. Route Total								1E-05					NA
		Exposure Point Total									2E-04					NA
	Exposure Medium Total										2E-04					NA

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TABLE 7.9.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m³	3.1E-10	mg/m³	6.0E-04	1/(ug/m3)	5E-10	NA	NA	NA	NA	NA
				2,3,7,8-TCDD TEQ	1.5E-14	mg/m³	5.4E-15	mg/m³	3.8E+01	1/(ug/m3)	2E-10	NA	NA	NA	NA	NA
				ALUMINUM	2.4E-05	mg/m³	8.6E-06	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	2.2E-09	mg/m³	7.7E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA
				ARSENIC	8.9E-08	mg/m³	3.2E-08	mg/m³	4.3E-03	1/(ug/m3)	1E-07	NA	NA	NA	NA	NA
				CADMIUM	5.0E-09	mg/m³	1.8E-09	mg/m³	1.8E-03	1/(ug/m3)	3E-09	NA	NA	NA	NA	NA
				COBALT	1.0E-08	mg/m³	3.7E-09	mg/m³	9.0E-03	1/(ug/m3)	3E-08	NA	NA	NA	NA	NA
				IRON	5.0E-05	mg/m³	1.8E-05	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA
				MANGANESE	2.4E-07	mg/m³	8.6E-08	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA
				MERCURY	7.5E-10	mg/m³	2.7E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA
				THALLIUM	1.5E-09	mg/m³	5.3E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA
				VANADIUM	8.0E-08	mg/m³	2.8E-08	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA
				Exp. Route Total								2E-07				
			Exposure Point Total								2E-07					NA
		Exposure Medium Total								2E-07					NA	
Surface Soil Total										2E-04					NA	
Receptor Total										2E-04					NA	

Notes:
2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent
BEQ = Benzo(a)pyrene equivalent
CSF = Cancer slope factor
EPC = Exposure point concentration
NA = Not applicable/Not available
RfC = Reference concentration
RfD = Reference dose
µg/m³ = microgram per cubic meter
mg/m³ = milligram per cubic meter
mg/kg = milligram per kilogram
mg/kg/day = milligram per kilogram per day

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TABLE 7.9.RME Supplement
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations										Cancer Risk
					Value	Units	Intake				CSF/Unit Risk						
							Value				Units	Value				Units	
							0-2 yrs	2-6 yrs	6-16 yrs	16-26 yrs		0-2 yrs (ADAF=10)	2-6 yrs (ADAF=3)	6-16 yrs (ADAF=3)	16-26 yrs (ADAF=1)		
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	BEQ	6.6E-01	mg/kg	2.4E-07	4.8E-07	1.1E-07	1.1E-07	mg/kg-day	1.0E+01	3.0E+00	3.0E+00	1.0E+00	1/(mg/kg-day)	4.3E-06
			Dermal	BEQ	6.6E-01	mg/kg	7.4E-08	1.5E-07	6.2E-08	6.2E-08	mg/kg-day	1.0E+01	3.0E+00	3.0E+00	1.0E+00	1/(mg/kg-day)	1.4E-06
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	BEQ	8.7E-10	mg/m³	2.4E-11	4.8E-11	1.2E-10	1.2E-10	mg/m³	6.0E-03	1.8E-03	1.8E-03	6.0E-04	1/(µg/m³)	5.2E-10

Notes:
ADAF = Age-dependent adjustment factor
BEQ = Benzo(a)pyrene equivalent
CSF = Cancer slope factor
EPC = Exposure point concentration
µg/m³ = microgram per cubic meter
mg/m³ = milligram per cubic meter
mg/kg = milligram per kilogram
mg/kg/day = milligram per kilogram per day

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TABLE 7.10.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Ingestion	BEQ	6.1E-01	mg/kg	NA	NA	NA	NA	NA	7.3E-07	mg/kg/day	3.0E-04	mg/kg/day	2.4E-03
				2,3,7,8-TCDD TEQ	2.7E-05	mg/kg	NA	NA	NA	NA	NA	3.2E-11	mg/kg/day	7.0E-10	mg/kg/day	4.6E-02
				ALUMINUM	1.7E+04	mg/kg	NA	NA	NA	NA	NA	2.0E-02	mg/kg/day	1.0E+00	mg/kg/day	2.0E-02
				ANTIMONY	3.2E+00	mg/kg	NA	NA	NA	NA	NA	3.8E-06	mg/kg/day	4.0E-04	mg/kg/day	9.5E-03
				ARSENIC	5.8E+01	mg/kg	NA	NA	NA	NA	NA	7.0E-05	mg/kg/day	3.0E-04	mg/kg/day	2.3E-01
				CADMIUM	3.1E+00	mg/kg	NA	NA	NA	NA	NA	3.7E-06	mg/kg/day	1.0E-03	mg/kg/day	3.7E-03
				COBALT	7.2E+00	mg/kg	NA	NA	NA	NA	NA	8.7E-06	mg/kg/day	3.0E-04	mg/kg/day	2.9E-02
				IRON	3.5E+04	mg/kg	NA	NA	NA	NA	NA	4.2E-02	mg/kg/day	7.0E-01	mg/kg/day	6.1E-02
				MANGANESE	1.7E+02	mg/kg	NA	NA	NA	NA	NA	2.0E-04	mg/kg/day	1.4E-01	mg/kg/day	1.5E-03
				MERCURY	4.9E-01	mg/kg	NA	NA	NA	NA	NA	5.9E-07	mg/kg/day	3.0E-04	mg/kg/day	2.0E-03
				THALLIUM	8.4E-01	mg/kg	NA	NA	NA	NA	NA	1.0E-06	mg/kg/day	1.0E-05	mg/kg/day	1.0E-01
				VANADIUM	5.7E+01	mg/kg	NA	NA	NA	NA	NA	6.8E-05	mg/kg/day	5.0E-03	mg/kg/day	1.4E-02
				HEPTACHLOR EPOXIDE	1.5E-02	mg/kg	NA	NA	NA	NA	NA	1.8E-08	mg/kg/day	1.3E-05	mg/kg/day	1.4E-03
			Exp. Route Total								NA					5.2E-01
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Dermal	BEQ	6.1E-01	mg/kg	NA	NA	NA	NA	NA	4.0E-07	mg/kg/day	3.0E-04	mg/kg/day	1.3E-03
				2,3,7,8-TCDD TEQ	2.7E-05	mg/kg	NA	NA	NA	NA	NA	4.1E-12	mg/kg/day	7.0E-10	mg/kg/day	5.9E-03
				ALUMINUM	1.7E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	3.2E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	5.8E+01	mg/kg	NA	NA	NA	NA	NA	8.8E-06	mg/kg/day	3.0E-04	mg/kg/day	2.9E-02
				CADMIUM	3.1E+00	mg/kg	NA	NA	NA	NA	NA	1.6E-08	mg/kg/day	2.5E-05	mg/kg/day	6.2E-04
				COBALT	7.2E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	3.5E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.7E+02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	4.9E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	8.4E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	5.7E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
				HEPTACHLOR EPOXIDE	1.5E-02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-05	mg/kg/day	NA
			Exp. Route Total								NA					3.7E-02
		Exposure Point Total									NA					5.6E-01
	Exposure Medium Total										NA					5.6E-01

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TABLE 7.10.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations						Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Total Soil	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	Inhalation	BEQ	8.1E-10	mg/m³	NA	NA	NA	NA	NA	7.8E-10	mg/m³	2.0E-06	mg/m3	3.9E-04	
				2,3,7,8-TCDD TEQ	3.6E-14	mg/m³	NA	NA	NA	NA	NA	3.5E-14	mg/m³	4.0E-08	mg/m3	8.7E-07	
				ALUMINUM	2.2E-05	mg/m³	NA	NA	NA	NA	NA	2.2E-05	mg/m³	5.0E-03	mg/m3	4.3E-03	
				ANTIMONY	4.2E-09	mg/m³	NA	NA	NA	NA	NA	4.1E-09	mg/m³	NA	NA	NA	
				ARSENIC	7.8E-08	mg/m³	NA	NA	NA	NA	NA	7.4E-08	mg/m³	1.5E-05	mg/m3	5.0E-03	
				CADMIUM	4.1E-09	mg/m³	NA	NA	NA	NA	NA	3.9E-09	mg/m³	1.0E-05	mg/m3	3.9E-04	
				COBALT	9.6E-09	mg/m³	NA	NA	NA	NA	NA	9.2E-09	mg/m³	6.0E-06	mg/m3	1.5E-03	
				IRON	4.7E-05	mg/m³	NA	NA	NA	NA	NA	4.5E-05	mg/m³	NA	NA	NA	
				MANGANESE	2.3E-07	mg/m³	NA	NA	NA	NA	NA	2.2E-07	mg/m³	5.0E-05	mg/m3	4.4E-03	
				MERCURY	6.6E-10	mg/m³	NA	NA	NA	NA	NA	6.3E-10	mg/m³	3.0E-04	mg/m3	2.1E-06	
				THALLIUM	1.1E-09	mg/m³	NA	NA	NA	NA	NA	1.1E-09	mg/m³	NA	NA	NA	
				VANADIUM	7.5E-08	mg/m³	NA	NA	NA	NA	NA	7.2E-08	mg/m³	1.0E-04	mg/m3	7.2E-04	
				HEPTACHLOR EPOXIDE	2.0E-11	mg/m³	NA	NA	NA	NA	NA	1.9E-11	mg/m³	NA	NA	NA	
				Exp. Route Total								NA					1.7E-02
				Exposure Point Total								NA					1.7E-02
	Exposure Medium Total								NA					1.7E-02			
Total Soil Total										NA					5.8E-01		
Receptor Total										NA					5.8E-01		

Notes:
2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent
BEQ = Benzo(a)pyrene equivalent
CSF = Cancer slope factor
EPC = Exposure point concentration
NA = Not applicable/Not available
RfC = Reference concentration
RfD = Reference dose
µg/m³ = microgram per cubic meter
mg/m³ = milligram per cubic meter
mg/kg = milligram per kilogram
mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.11.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Ingestion	BEQ	6.1E-01	mg/kg	NA	NA	NA	NA	NA	7.8E-06	mg/kg/day	3.0E-04	mg/kg/day	2.6E-02
				2,3,7,8-TCDD TEQ	2.7E-05	mg/kg	NA	NA	NA	NA	NA	3.5E-10	mg/kg/day	7.0E-10	mg/kg/day	5.0E-01
				ALUMINUM	1.7E+04	mg/kg	NA	NA	NA	NA	NA	2.2E-01	mg/kg/day	1.0E+00	mg/kg/day	2.2E-01
				ANTIMONY	3.2E+00	mg/kg	NA	NA	NA	NA	NA	4.1E-05	mg/kg/day	4.0E-04	mg/kg/day	1.0E-01
				ARSENIC	5.8E+01	mg/kg	NA	NA	NA	NA	NA	7.4E-04	mg/kg/day	3.0E-04	mg/kg/day	2.5E+00
				CADMIUM	3.1E+00	mg/kg	NA	NA	NA	NA	NA	3.9E-05	mg/kg/day	1.0E-03	mg/kg/day	3.9E-02
				COBALT	7.2E+00	mg/kg	NA	NA	NA	NA	NA	9.3E-05	mg/kg/day	3.0E-04	mg/kg/day	3.1E-01
				IRON	3.5E+04	mg/kg	NA	NA	NA	NA	NA	4.5E-01	mg/kg/day	7.0E-01	mg/kg/day	6.5E-01
				MANGANESE	1.7E+02	mg/kg	NA	NA	NA	NA	NA	2.2E-03	mg/kg/day	1.4E-01	mg/kg/day	1.6E-02
				MERCURY	4.9E-01	mg/kg	NA	NA	NA	NA	NA	6.3E-06	mg/kg/day	3.0E-04	mg/kg/day	2.1E-02
				THALLIUM	8.4E-01	mg/kg	NA	NA	NA	NA	NA	1.1E-05	mg/kg/day	1.0E-05	mg/kg/day	1.1E+00
				VANADIUM	5.7E+01	mg/kg	NA	NA	NA	NA	NA	7.2E-04	mg/kg/day	5.0E-03	mg/kg/day	1.4E-01
				HEPTACHLOR EPOXIDE	1.5E-02	mg/kg	NA	NA	NA	NA	NA	1.9E-07	mg/kg/day	1.3E-05	mg/kg/day	1.5E-02
			Exp. Route Total								NA					5.6E+00
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Dermal	BEQ	6.1E-01	mg/kg	NA	NA	NA	NA	NA	2.4E-06	mg/kg/day	3.0E-04	mg/kg/day	8.0E-03
				2,3,7,8-TCDD TEQ	2.7E-05	mg/kg	NA	NA	NA	NA	NA	2.5E-11	mg/kg/day	7.0E-10	mg/kg/day	3.5E-02
				ALUMINUM	1.7E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	3.2E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	5.8E+01	mg/kg	NA	NA	NA	NA	NA	5.3E-05	mg/kg/day	3.0E-04	mg/kg/day	1.8E-01
				CADMIUM	3.1E+00	mg/kg	NA	NA	NA	NA	NA	9.4E-08	mg/kg/day	2.5E-05	mg/kg/day	3.7E-03
				COBALT	7.2E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	3.5E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	1.7E+02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	4.9E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	8.4E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	5.7E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
				HEPTACHLOR EPOXIDE	1.5E-02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-05	mg/kg/day	NA
			Exp. Route Total								NA					2.2E-01
		Exposure Point Total									NA					5.8E+00
	Exposure Medium Total										NA					5.8E+00

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.11.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations						Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Total Soil	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	Inhalation	BEQ	8.1E-10	mg/m³	NA	NA	NA	NA	NA	7.8E-10	mg/m³	2.0E-06	mg/m3	3.9E-04	
				2,3,7,8-TCDD TEQ	3.6E-14	mg/m³	NA	NA	NA	NA	NA	3.5E-14	mg/m³	4.0E-08	mg/m3	8.7E-07	
				ALUMINUM	2.2E-05	mg/m³	NA	NA	NA	NA	NA	2.2E-05	mg/m³	5.0E-03	mg/m3	4.3E-03	
				ANTIMONY	4.2E-09	mg/m³	NA	NA	NA	NA	NA	4.1E-09	mg/m³	NA	NA	NA	
				ARSENIC	7.8E-08	mg/m³	NA	NA	NA	NA	NA	7.4E-08	mg/m³	1.5E-05	mg/m3	5.0E-03	
				CADMIUM	4.1E-09	mg/m³	NA	NA	NA	NA	NA	3.9E-09	mg/m³	1.0E-05	mg/m3	3.9E-04	
				COBALT	9.6E-09	mg/m³	NA	NA	NA	NA	NA	9.2E-09	mg/m³	6.0E-06	mg/m3	1.5E-03	
				IRON	4.7E-05	mg/m³	NA	NA	NA	NA	NA	4.5E-05	mg/m³	NA	NA	NA	
				MANGANESE	2.3E-07	mg/m³	NA	NA	NA	NA	NA	2.2E-07	mg/m³	5.0E-05	mg/m3	4.4E-03	
				MERCURY	6.6E-10	mg/m³	NA	NA	NA	NA	NA	6.3E-10	mg/m³	3.0E-04	mg/m3	2.1E-06	
				THALLIUM	1.1E-09	mg/m³	NA	NA	NA	NA	NA	1.1E-09	mg/m³	NA	NA	NA	
				VANADIUM	7.5E-08	mg/m³	NA	NA	NA	NA	NA	7.2E-08	mg/m³	1.0E-04	mg/m3	7.2E-04	
				HEPTACHLOR EPOXIDE	2.0E-11	mg/m³	NA	NA	NA	NA	NA	1.9E-11	mg/m³	NA	NA	NA	
							Exp. Route Total							NA			
		Exposure Point Total							NA				1.7E-02				
	Exposure Medium Total									NA				1.7E-02			
Total Soil Total										NA				5.8E+00			
Receptor Total										NA				5.8E+00			

Notes:

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

BEQ = Benzo(a)pyrene equivalent

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.12.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Ingestion	BEQ	6.1E-01	mg/kg	8.8E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	4E-06	NA	NA	NA	NA	NA
				2,3,7,8-TCDD TEQ	2.7E-05	mg/kg	3.9E-11	mg/kg/day	1.3E+05	1/(mg/kg/day)	5E-06	NA	NA	NA	NA	NA
				ALUMINUM	1.7E+04	mg/kg	2.4E-02	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	3.2E+00	mg/kg	4.6E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				ARSENIC	5.8E+01	mg/kg	8.4E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-04	NA	NA	NA	NA	NA
				CADMIUM	3.1E+00	mg/kg	4.4E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				COBALT	7.2E+00	mg/kg	1.0E-05	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				IRON	3.5E+04	mg/kg	5.1E-02	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				MANGANESE	1.7E+02	mg/kg	2.4E-04	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				MERCURY	4.9E-01	mg/kg	7.1E-07	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				THALLIUM	8.4E-01	mg/kg	1.2E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				VANADIUM	5.7E+01	mg/kg	8.1E-05	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				HEPTACHLOR EPOXIDE	1.5E-02	mg/kg	2.1E-08	mg/kg/day	9.1E+00	1/(mg/kg/day)	2E-07	NA	NA	NA	NA	NA
					Exp. Route Total										1E-04	
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Dermal	BEQ	6.1E-01	mg/kg	3.2E-07	mg/kg/day	1.0E+00	1/(mg/kg/day)	1E-06	NA	NA	NA	NA	NA
				2,3,7,8-TCDD TEQ	2.7E-05	mg/kg	3.3E-12	mg/kg/day	1.3E+05	1/(mg/kg/day)	4E-07	NA	NA	NA	NA	NA
				ALUMINUM	1.7E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	3.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				ARSENIC	5.8E+01	mg/kg	7.1E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-05	NA	NA	NA	NA	NA
				CADMIUM	3.1E+00	mg/kg	1.2E-08	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				COBALT	7.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				IRON	3.5E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				MANGANESE	1.7E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				MERCURY	4.9E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				THALLIUM	8.4E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				VANADIUM	5.7E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA
				HEPTACHLOR EPOXIDE	1.5E-02	mg/kg	NA	mg/kg/day	9.1E+00	1/(mg/kg/day)	NA	NA	NA	NA	NA	NA
					Exp. Route Total										1E-05	
	Exposure Point Total										1E-04					NA
	Exposure Medium Total										1E-04					NA

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TABLE 7.12.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations						
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient		
							Value	Units	Value	Units		Value	Units	Value	Units			
Total Soil	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	Inhalation	BEQ	8.1E-10	mg/m³	2.9E-10	mg/m³	6.0E-04	1/(ug/m3)	5E-10	NA	NA	NA	NA	NA		
				2,3,7,8-TCDD TEQ	3.6E-14	mg/m³	1.3E-14	mg/m³	3.8E+01	1/(ug/m3)	5E-10	NA	NA	NA	NA	NA		
				ALUMINIUM	2.2E-05	mg/m³	8.0E-06	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA		
				ANTIMONY	4.2E-09	mg/m³	1.5E-09	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA		
				ARSENIC	7.8E-08	mg/m³	2.8E-08	mg/m³	4.3E-03	1/(ug/m3)	1E-07	NA	NA	NA	NA	NA		
				CADMIUM	4.1E-09	mg/m³	1.5E-09	mg/m³	1.8E-03	1/(ug/m3)	3E-09	NA	NA	NA	NA	NA		
				COBALT	9.6E-09	mg/m³	3.4E-09	mg/m³	9.0E-03	1/(ug/m3)	3E-08	NA	NA	NA	NA	NA		
				IRON	4.7E-05	mg/m³	1.7E-05	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA		
				MANGANESE	2.3E-07	mg/m³	8.1E-08	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA		
				MERCURY	6.6E-10	mg/m³	2.3E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA		
				THALLIUM	1.1E-09	mg/m³	4.0E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA		
				VANADIUM	7.5E-08	mg/m³	2.7E-08	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA		
				HEPTACHLOR EPOXIDE	2.0E-11	mg/m³	7.0E-12	mg/m³	2.6E-03	1/(ug/m3)	2E-11	NA	NA	NA	NA	NA		
							Exp. Route Total							2E-07				NA
							Exposure Point Total							2E-07				NA
			Exposure Medium Total							2E-07				NA				
Total Soil Total										1E-04				NA				
Receptor Total										1E-04				NA				

Notes:
2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent
BEQ = Benzo(a)pyrene equivalent
CSF = Cancer slope factor
EPC = Exposure point concentration
NA = Not applicable/Not available
RfC = Reference concentration
RfD = Reference dose
µg/m³ = microgram per cubic meter
mg/m³ = milligram per cubic meter
mg/kg = milligram per kilogram
mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.12.RME Supplement
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations										
					Value	Units	Intake					CSF/Unit Risk					Cancer Risk
							Value				Units	Value				Units	
							0-2 yrs	2-6 yrs	6-16 yrs	16-26 yrs		0-2 yrs (ADAF=10)	2-6 yrs (ADAF=3)	6-16 yrs (ADAF=3)	16-26 yrs (ADAF=1)		
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	Ingestion	BEQ	6.1E-01	mg/kg	2.2E-07	4.5E-07	1.0E-07	1.0E-07	mg/kg-day	1.0E+01	3.0E+00	3.0E+00	1.0E+00	1/(mg/kg-day)	4.0E-06
			Dermal	BEQ	6.1E-01	mg/kg	6.9E-08	1.4E-07	5.7E-08	5.7E-08	mg/kg-day	1.0E+01	3.0E+00	3.0E+00	1.0E+00	1/(mg/kg-day)	1.3E-06
	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	Inhalation	BEQ	8.1E-10	mg/m ³	2.2E-11	4.5E-11	1.1E-10	1.1E-10	mg/m ³	6.0E-03	1.8E-03	1.8E-03	6.0E-04	1/(µg/m ³)	4.8E-10

Notes:
ADAF = Age-dependent adjustment factor
BEQ = Benzo(a)pyrene equivalent
CSF = Cancer slope factor
EPC = Exposure point concentration
µg/m³ = microgram per cubic meter
mg/m³ = milligram per cubic meter
mg/kg = milligram per kilogram
mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.1.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Receptor Population: Maintenance Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	BEQ	2E-07	NA	1E-07	3E-07	Developmental, Reproductive, Immune System	2E-03	NA	9E-04	3E-03
			2,3,7,8-TCDD TEQ	4E-07	NA	5E-08	5E-07	Reproductive, Developmental, Endocrine System	1E-02	NA	2E-03	1E-02
			ALUMINUM	NA	NA	NA	NA	Nervous System	1E-02	NA	NA	1E-02
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	3E-03	NA	NA	3E-03
			ARSENIC	3E-05	NA	4E-06	3E-05	Dermal, Cardiovascular System	2E-01	NA	2E-02	2E-01
			CADMIUM	NA	NA	NA	NA	Urinary System	3E-03	NA	5E-04	3E-03
			COBALT	NA	NA	NA	NA	Thyroid	2E-02	NA	NA	2E-02
			IRON	NA	NA	NA	NA	Gastrointestinal	4E-02	NA	NA	4E-02
			MANGANESE	NA	NA	NA	NA	Nervous System	1E-03	NA	NA	1E-03
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	1E-03	NA	NA	1E-03
			THALLIUM	NA	NA	NA	NA	Hair	9E-02	NA	NA	9E-02
			VANADIUM	NA	NA	NA	NA	Dermal	9E-03	NA	NA	9E-03
			Exposure Point Total			3E-05	NA	4E-06	3E-05		4E-01	NA
	Exposure Medium Total			3E-05	NA	4E-06	3E-05		4E-01	NA	2E-02	4E-01
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	BEQ	NA	4E-11	NA	4E-11	Developmental, Reproductive	NA	9E-05	NA	9E-05
			2,3,7,8-TCDD TEQ	NA	4E-11	NA	4E-11	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	8E-08	NA	8E-08
			ALUMINUM	NA	NA	NA	NA	Nervous System	NA	1E-03	NA	1E-03
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	3E-08	NA	3E-08	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	1E-03	NA	1E-03
			CADMIUM	NA	7E-10	NA	7E-10	Urinary System	NA	1E-04	NA	1E-04
			COBALT	NA	7E-09	NA	7E-09	Respiratory	NA	4E-04	NA	4E-04
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	1E-03	NA	1E-03
			MERCURY	NA	NA	NA	NA	Nervous System	NA	5E-07	NA	5E-07
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	2E-04	NA	2E-04
			Exposure Point Total			NA	4E-08	NA	4E-08		NA	4E-03
	Exposure Medium Total			NA	4E-08	NA	4E-08		NA	4E-03	NA	4E-03
Surface Soil Total			3E-05	4E-08	4E-06	3E-05		4E-01	4E-03	2E-02	4E-01	
Receptor Total			3E-05	4E-08	4E-06	3E-05		4E-01	4E-03	2E-02	4E-01	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.1.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Receptor Population: Maintenance Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.003
Total Cardiovascular System HI Across Media =	0.2
Total Developmental HI Across Media =	0.02
Total Gastrointestinal HI Across Media =	0.04
Total Hair HI Across Media =	0.09
Total Immune system HI Across Media =	0.004
Total Lifetime HI Across Media =	0.003
Total Liver HI Across Media =	7.8E-08
Total Nervous System HI Across Media =	0.02
Total Reproductive HI Across Media =	0.02
Total Respiratory HI Across Media =	0.002
Total Dermal HI Across Media =	0.2
Total Thyroid HI Across Media =	0.02

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.2.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	BEQ	3E-08	NA	2E-08	5E-08	Developmental, Reproductive, Immune System	4E-04	NA	2E-04	6E-04
			2,3,7,8-TCDD TEQ	8E-08	NA	1E-08	8E-08	Reproductive, Developmental, Endocrine System	3E-03	NA	4E-04	3E-03
			ALUMINUM	NA	NA	NA	NA	Nervous System	3E-03	NA	NA	3E-03
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	7E-04	NA	NA	7E-04
			ARSENIC	5E-06	NA	6E-07	6E-06	Dermal, Cardiovascular System	4E-02	NA	5E-03	4E-02
			CADMIUM	NA	NA	NA	NA	Urinary System	7E-04	NA	1E-04	8E-04
			COBALT	NA	NA	NA	NA	Thyroid	5E-03	NA	NA	5E-03
			IRON	NA	NA	NA	NA	Gastrointestinal	1E-02	NA	NA	1E-02
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-04	NA	NA	2E-04
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	3E-04	NA	NA	3E-04
			THALLIUM	NA	NA	NA	NA	Hair	2E-02	NA	NA	2E-02
			VANADIUM	NA	NA	NA	NA	Dermal	2E-03	NA	NA	2E-03
		Exposure Point Total			5E-06	NA	7E-07	6E-06		8E-02	NA	6E-03
	Exposure Medium Total			5E-06	NA	7E-07	6E-06		8E-02	NA	6E-03	9E-02
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	BEQ	NA	5E-12	NA	5E-12	Developmental, Reproductive	NA	2E-05	NA	2E-05
			2,3,7,8-TCDD TEQ	NA	6E-12	NA	6E-12	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	1E-08	NA	1E-08
			ALUMINUM	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	4E-09	NA	4E-09	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	2E-04	NA	2E-04
			CADMIUM	NA	9E-11	NA	9E-11	Urinary System	NA	2E-05	NA	2E-05
			COBALT	NA	9E-10	NA	9E-10	Respiratory	NA	6E-05	NA	6E-05
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04
			MERCURY	NA	NA	NA	NA	Nervous System	NA	9E-08	NA	9E-08
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	3E-05	NA	3E-05
		Exposure Point Total			NA	5E-09	NA	5E-09		NA	7E-04	NA
	Exposure Medium Total			NA	5E-09	NA	5E-09		NA	7E-04	NA	7E-04
Surface Soil Total			5E-06	5E-09	7E-07	6E-06		8E-02	7E-04	6E-03	9E-02	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.2.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Surface Water	Surface Water	Surface Water	BIS(2-ETHYLHEXYL) PHTHALATE	4E-09	NA	2E-05	2E-05	Liver	5E-05	NA	2E-01	2E-01	
			ALUMINUM	NA	NA	NA	NA	Nervous System	2E-03	NA	1E-03	4E-03	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	8E-04	NA	3E-03	4E-03	
			ARSENIC	2E-07	NA	1E-07	3E-07	Dermal, Cardiovascular System	2E-03	NA	1E-03	3E-03	
			BERYLLIUM	NA	NA	NA	NA	Gastrointestinal	5E-05	NA	4E-03	4E-03	
			CADMIUM	NA	NA	NA	NA	Urinary System	9E-05	NA	2E-03	2E-03	
			COBALT	NA	NA	NA	NA	Thyroid	4E-03	NA	9E-04	5E-03	
			COPPER	NA	NA	NA	NA	Gastrointestinal	4E-04	NA	2E-04	6E-04	
			IRON	NA	NA	NA	NA	Gastrointestinal	2E-03	NA	1E-03	4E-03	
			LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-04	NA	4E-03	4E-03	
			NICKEL	NA	NA	NA	NA	Body Weight, Organ Weight	2E-04	NA	5E-04	6E-04	
			SELENIUM	NA	NA	NA	NA	Nervous System, Hematologic, Dermal	1E-04	NA	8E-05	2E-04	
			SILVER	NA	NA	NA	NA	Dermal	2E-05	NA	2E-04	2E-04	
			THALLIUM	NA	NA	NA	NA	Hair	1E-02	NA	6E-03	2E-02	
			VANADIUM	NA	NA	NA	NA	Dermal	6E-04	NA	1E-02	1E-02	
			ZINC	NA	NA	NA	NA	Immune System, Hematologic	4E-04	NA	2E-04	6E-04	
			TRICHLOROETHYLENE	3E-10	NA	3E-09	4E-09	Developmental, Immune System, Cardiovascular System	5E-05	NA	5E-04	6E-04	
				Exposure Point Total			2E-07	NA	2E-05	2E-05		2E-02	NA
		Exposure Medium Total			2E-07	NA	2E-05	2E-05		2E-02	NA	3E-01	3E-01
Surface Water Total				2E-07	NA	2E-05	2E-05		2E-02	NA	3E-01	3E-01	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.2.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Sediment	Sediment	Sediment	BEQ	4E-08	NA	1E-07	1E-07	Developmental, Reproductive, Immune System	4E-04	NA	1E-03	2E-03
			2,3,7,8-TCDD TEQ	5E-07	NA	4E-07	9E-07	Reproductive, Developmental, Endocrine System	2E-02	NA	1E-02	3E-02
			ALUMINUM	NA	NA	NA	NA	Nervous System	1E-03	NA	NA	1E-03
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	2E-03	NA	NA	2E-03
			ARSENIC	2E-06	NA	1E-06	3E-06	Dermal, Cardiovascular System	1E-02	NA	9E-03	2E-02
			CADMIUM	NA	NA	NA	NA	Urinary System	2E-04	NA	2E-04	4E-04
			COBALT	NA	NA	NA	NA	Thyroid	4E-03	NA	NA	4E-03
			IRON	NA	NA	NA	NA	Gastrointestinal	6E-03	NA	NA	6E-03
			MANGANESE	NA	NA	NA	NA	Nervous System	1E-04	NA	NA	1E-04
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	3E-04	NA	NA	3E-04
			NICKEL	NA	NA	NA	NA	Body Weight, Organ Weight	2E-04	NA	NA	2E-04
			THALLIUM	NA	NA	NA	NA	Hair	1E-02	NA	NA	1E-02
			VANADIUM	NA	NA	NA	NA	Dermal	1E-03	NA	NA	1E-03
			AROCLOR-1260	3E-08	NA	1E-07	1E-07	NA	NA	NA	NA	NA
			4,4-DDD	2E-10	NA	4E-10	6E-10	Liver	9E-05	NA	2E-04	3E-04
			Exp. Route Total			2E-06	NA	2E-06	4E-06		6E-02	NA
	Exposure Medium Total			2E-06	NA	2E-06	4E-06		6E-02	NA	2E-02	8E-02
Sediment Total			2E-06	NA	2E-06	4E-06		6E-02	NA	2E-02	8E-02	
Receptor Total			8E-06	5E-09	2E-05	3E-05		2E-01	7E-04	3E-01	5E-01	

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.007
Total Body Weight HI Across Media =	0.0008
Total Cardiovascular System HI Across Media =	0.07
Total Developmental HI Across Media =	0.04
Total Gastrointestinal HI Across Media =	0.02
Total Hair HI Across Media =	0.05
Total Immune system HI Across Media =	0.004
Total Lifetime HI Across Media =	0.007
Total Liver HI Across Media =	0.2
Total Nervous System HI Across Media =	0.01
Total Organ Weight HI Across Media =	0.0008
Total Reproductive HI Across Media =	0.04
Total Respiratory HI Across Media =	0.0003
Total Dermal HI Across Media =	0.09

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.2.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)		Ingestion	Inhalation	Dermal
Total Thyroid HI Across Media =												0.01

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.3.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	BEQ	9E-08	NA	4E-08	1E-07	Developmental, Reproductive, Immune System	7E-04	NA	3E-04	1E-03
			2,3,7,8-TCDD TEQ	7E-08	NA	6E-09	7E-08	Reproductive, Developmental, Endocrine System	5E-03	NA	5E-04	6E-03
			ALUMINUM	NA	NA	NA	NA	Nervous System	6E-03	NA	NA	6E-03
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	1E-03	NA	NA	1E-03
			ARSENIC	5E-06	NA	4E-07	5E-06	Dermal, Cardiovascular System	7E-02	NA	7E-03	8E-02
			CADMIUM	NA	NA	NA	NA	Urinary System	1E-03	NA	2E-04	1E-03
			COBALT	NA	NA	NA	NA	Thyroid	8E-03	NA	NA	8E-03
			IRON	NA	NA	NA	NA	Gastrointestinal	2E-02	NA	NA	2E-02
			MANGANESE	NA	NA	NA	NA	Nervous System	4E-04	NA	NA	4E-04
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	6E-04	NA	NA	6E-04
			THALLIUM	NA	NA	NA	NA	Hair	4E-02	NA	NA	4E-02
			VANADIUM	NA	NA	NA	NA	Dermal	4E-03	NA	NA	4E-03
		Exposure Point Total		5E-06	NA	5E-07	5E-06		2E-01	NA	8E-03	2E-01
	Exposure Medium Total		5E-06	NA	5E-07	5E-06		2E-01	NA	8E-03	2E-01	
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	BEQ	NA	8E-12	NA	8E-12	Developmental, Reproductive	NA	2E-05	NA	2E-05
			2,3,7,8-TCDD TEQ	NA	3E-12	NA	3E-12	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	1E-08	NA	1E-08
			ALUMINUM	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	2E-09	NA	2E-09	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	2E-04	NA	2E-04
			CADMIUM	NA	5E-11	NA	5E-11	Urinary System	NA	2E-05	NA	2E-05
			COBALT	NA	5E-10	NA	5E-10	Respiratory	NA	6E-05	NA	6E-05
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04
			MERCURY	NA	NA	NA	NA	Nervous System	NA	9E-08	NA	9E-08
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	3E-05	NA	3E-05
		Exposure Point Total		NA	2E-09	NA	2E-09		NA	7E-04	NA	7E-04
	Exposure Medium Total		NA	2E-09	NA	2E-09		NA	7E-04	NA	7E-04	
Surface Soil Total			5E-06	2E-09	5E-07	5E-06		2E-01	7E-04	8E-03	2E-01	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.3.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Surface Water	Surface Water	Surface Water	BIS(2-ETHYLHEXYL) PHTHALATE	3E-09	NA	1E-05	1E-05	Liver	8E-05	NA	3E-01	3E-01	
			ALUMINUM	NA	NA	NA	NA	Nervous System	4E-03	NA	2E-03	6E-03	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	1E-03	NA	4E-03	6E-03	
			ARSENIC	2E-07	NA	9E-08	3E-07	Dermal, Cardiovascular System	3E-03	NA	1E-03	4E-03	
			BERYLLIUM	NA	NA	NA	NA	Gastrointestinal	9E-05	NA	6E-03	6E-03	
			CADMIUM	NA	NA	NA	NA	Urinary System	2E-04	NA	3E-03	3E-03	
			COBALT	NA	NA	NA	NA	Thyroid	7E-03	NA	1E-03	8E-03	
			COPPER	NA	NA	NA	NA	Gastrointestinal	7E-04	NA	3E-04	9E-04	
			IRON	NA	NA	NA	NA	Gastrointestinal	4E-03	NA	2E-03	6E-03	
			LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			MANGANESE	NA	NA	NA	NA	Nervous System	5E-04	NA	5E-03	6E-03	
			NICKEL	NA	NA	NA	NA	Body Weight, Organ Weight	3E-04	NA	6E-04	9E-04	
			SELENIUM	NA	NA	NA	NA	Nervous System, Hematologic, Dermal	2E-04	NA	1E-04	3E-04	
			SILVER	NA	NA	NA	NA	Dermal	3E-05	NA	2E-04	2E-04	
			THALLIUM	NA	NA	NA	NA	Hair	2E-02	NA	8E-03	3E-02	
			VANADIUM	NA	NA	NA	NA	Dermal	1E-03	NA	2E-02	2E-02	
			ZINC	NA	NA	NA	NA	Immune System, Hematologic	8E-04	NA	2E-04	1E-03	
			TRICHLOROETHYLENE	8E-10	NA	7E-09	8E-09	Developmental, Immune System, Cardiovascular System	8E-05	NA	7E-04	8E-04	
				Exposure Point Total			2E-07	NA	1E-05	1E-05		4E-02	NA
		Exposure Medium Total			2E-07	NA	1E-05	1E-05		4E-02	NA	4E-01	4E-01
Surface Water Total				2E-07	NA	1E-05	1E-05		4E-02	NA	4E-01	4E-01	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.3.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Sediment	Sediment	Sediment	BEQ	1E-07	NA	2E-07	3E-07	Developmental, Reproductive, Immune System	8E-04	NA	2E-03	3E-03
			2,3,7,8-TCDD TEQ	5E-07	NA	3E-07	7E-07	Reproductive, Developmental, Endocrine System	4E-02	NA	2E-02	6E-02
			ALUMINUM	NA	NA	NA	NA	Nervous System	3E-03	NA	NA	3E-03
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	3E-03	NA	NA	3E-03
			ARSENIC	1E-06	NA	8E-07	2E-06	Dermal, Cardiovascular System	2E-02	NA	1E-02	3E-02
			CADMIUM	NA	NA	NA	NA	Urinary System	3E-04	NA	2E-04	6E-04
			COBALT	NA	NA	NA	NA	Thyroid	8E-03	NA	NA	8E-03
			IRON	NA	NA	NA	NA	Gastrointestinal	1E-02	NA	NA	1E-02
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-04	NA	NA	2E-04
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	6E-04	NA	NA	6E-04
			NICKEL	NA	NA	NA	NA	Body Weight, Organ Weight	4E-04	NA	NA	4E-04
			THALLIUM	NA	NA	NA	NA	Hair	2E-02	NA	NA	2E-02
			VANADIUM	NA	NA	NA	NA	Dermal	2E-03	NA	NA	2E-03
			AROCOR-1260	3E-08	NA	7E-08	9E-08	NA	NA	NA	NA	NA
			4,4-DDD	2E-10	NA	3E-10	5E-10	Liver	2E-04	NA	3E-04	4E-04
			</									

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.01
Total Body Weight HI Across Media =	0.001
Total Cardiovascular System HI Across Media =	0.1
Total Developmental HI Across Media =	0.07
Total Gastrointestinal HI Across Media =	0.04
Total Hair HI Across Media =	0.08
Total Immune system HI Across Media =	0.007
Total Lifetime HI Across Media =	0.01
Total Liver HI Across Media =	0.3
Total Nervous System HI Across Media =	0.02
Total Organ Weight HI Across Media =	0.001
Total Reproductive HI Across Media =	0.06
Total Respiratory HI Across Media =	0.0003

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TABLE 9.3.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
														Total Dermal HI Across Media =	0.1
														Total Thyroid HI Across Media =	0.02

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.4.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	BEQ	6E-07	NA	2E-07	7E-07	Developmental, Reproductive, Immune System	4E-03	NA	1E-03	5E-03
			2,3,7,8-TCDD TEQ	2E-07	NA	2E-08	3E-07	Reproductive, Developmental, Endocrine System	3E-02	NA	2E-03	3E-02
			ALUMINUM	NA	NA	NA	NA	Nervous System	3E-02	NA	NA	3E-02
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	8E-03	NA	NA	8E-03
			ARSENIC	2E-05	NA	1E-06	2E-05	Dermal, Cardiovascular System	4E-01	NA	3E-02	5E-01
			CADMIUM	NA	NA	NA	NA	Urinary System	7E-03	NA	7E-04	8E-03
			COBALT	NA	NA	NA	NA	Thyroid	5E-02	NA	NA	5E-02
			IRON	NA	NA	NA	NA	Gastrointestinal	1E-01	NA	NA	1E-01
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-03	NA	NA	2E-03
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	4E-03	NA	NA	4E-03
			THALLIUM	NA	NA	NA	NA	Hair	2E-01	NA	NA	2E-01
			VANADIUM	NA	NA	NA	NA	Dermal	2E-02	NA	NA	2E-02
		Exposure Point Total			2E-05	NA	1E-06	2E-05		9E-01	NA	3E-02
	Exposure Medium Total			2E-05	NA	1E-06	2E-05		9E-01	NA	3E-02	9E-01
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	BEQ	NA	3E-11	NA	3E-11	Developmental, Reproductive	NA	2E-05	NA	2E-05
			2,3,7,8-TCDD TEQ	NA	2E-12	NA	2E-12	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	1E-08	NA	1E-08
			ALUMINUM	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	1E-09	NA	1E-09	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	2E-04	NA	2E-04
			CADMIUM	NA	3E-11	NA	3E-11	Urinary System	NA	2E-05	NA	2E-05
			COBALT	NA	3E-10	NA	3E-10	Respiratory	NA	6E-05	NA	6E-05
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04
			MERCURY	NA	NA	NA	NA	Nervous System	NA	9E-08	NA	9E-08
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	3E-05	NA	3E-05
		Exposure Point Total			NA	2E-09	NA	2E-09		NA	7E-04	NA
	Exposure Medium Total			NA	2E-09	NA	2E-09		NA	7E-04	NA	7E-04
Surface Soil Total			2E-05	2E-09	1E-06	2E-05		9E-01	7E-04	3E-02	9E-01	

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TABLE 9.4.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient						
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total		
Surface Water	Surface Water	Surface Water	BIS(2-ETHYLHEXYL) PHTHALATE	6E-09	NA	1E-05	1E-05	Liver	2E-04	NA	5E-01	5E-01		
			ALUMINUM	NA	NA	NA	NA	Nervous System	1E-02	NA	3E-03	2E-02		
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	4E-03	NA	7E-03	1E-02		
			ARSENIC	3E-07	NA	8E-08	4E-07	Dermal, Cardiovascular System	9E-03	NA	2E-03	1E-02		
			BERYLLIUM	NA	NA	NA	NA	Gastrointestinal	3E-04	NA	9E-03	9E-03		
			CADMIUM	NA	NA	NA	NA	Urinary System	5E-04	NA	5E-03	5E-03		
			COBALT	NA	NA	NA	NA	Thyroid	2E-02	NA	2E-03	2E-02		
			COPPER	NA	NA	NA	NA	Gastrointestinal	2E-03	NA	5E-04	2E-03		
			IRON	NA	NA	NA	NA	Gastrointestinal	1E-02	NA	3E-03	2E-02		
			LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			MANGANESE	NA	NA	NA	NA	Nervous System	1E-03	NA	8E-03	9E-03		
			NICKEL	NA	NA	NA	NA	Body Weight, Organ Weight	8E-04	NA	1E-03	2E-03		
			SELENIUM	NA	NA	NA	NA	Nervous System, Hematologic, Dermal	7E-04	NA	2E-04	8E-04		
			SILVER	NA	NA	NA	NA	Dermal	9E-05	NA	3E-04	4E-04		
			THALLIUM	NA	NA	NA	NA	Hair	6E-02	NA	1E-02	7E-02		
			VANADIUM	NA	NA	NA	NA	Dermal	3E-03	NA	3E-02	3E-02		
			ZINC	NA	NA	NA	NA	Immune System, Hematologic	2E-03	NA	3E-04	3E-03		
			TRICHLOROETHYLENE	5E-10	NA	2E-09	3E-09	Developmental, Immune System, Cardiovascular System	2E-04	NA	1E-03	1E-03		
			Exposure Point Total			4E-07	NA	1E-05	1E-05		1E-01	NA	6E-01	7E-01
			Exposure Medium Total			4E-07	NA	1E-05	1E-05		1E-01	NA	6E-01	7E-01
	Surface Water Total			4E-07	NA	1E-05	1E-05		1E-01	NA	6E-01	7E-01		

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TABLE 9.4.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Sediment	Sediment	Sediment	BEQ	1E-06	NA	4E-07	2E-06	Developmental, Reproductive, Immune System	2E-03	NA	3E-03	5E-03
			2,3,7,8-TCDD TEQ	8E-07	NA	2E-07	1E-06	Reproductive, Developmental, Endocrine System	1E-01	NA	3E-02	1E-01
			ALUMINUM	NA	NA	NA	NA	Nervous System	8E-03	NA	NA	8E-03
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	9E-03	NA	NA	9E-03
			ARSENIC	3E-06	NA	7E-07	3E-06	Dermal, Cardiovascular System	7E-02	NA	2E-02	8E-02
			CADMIUM	NA	NA	NA	NA	Urinary System	1E-03	NA	4E-04	1E-03
			COBALT	NA	NA	NA	NA	Thyroid	2E-02	NA	NA	2E-02
			IRON	NA	NA	NA	NA	Gastrointestinal	3E-02	NA	NA	3E-02
			MANGANESE	NA	NA	NA	NA	Nervous System	5E-04	NA	NA	5E-04
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	2E-03	NA	NA	2E-03
			NICKEL	NA	NA	NA	NA	Body Weight, Organ Weight	1E-03	NA	NA	1E-03
			THALLIUM	NA	NA	NA	NA	Hair	5E-02	NA	NA	5E-02
			VANADIUM	NA	NA	NA	NA	Dermal	6E-03	NA	NA	6E-03
			AROCLOL-1260	5E-08	NA	6E-08	1E-07	NA	NA	NA	NA	NA
			4,4-DDD	3E-10	NA	3E-10	6E-10	Liver	5E-04	NA	4E-04	9E-04
				Exp. Route Total	5E-06	NA	1E-06	6E-06		3E-01	NA	5E-02
		Exposure Medium Total	5E-06	NA	1E-06	6E-06		3E-01	NA	5E-02	4E-01	
Sediment Total				5E-06	NA	1E-06	6E-06		3E-01	NA	5E-02	4E-01
Receptor Total				2E-05	2E-09	2E-05	4E-05		1E+00	7E-04	7E-01	2E+00

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.03
Total Body Weight HI Across Media =	0.003
Total Cardiovascular System HI Across Media =	0.6
Total Developmental HI Across Media =	0.2
Total Gastrointestinal HI Across Media =	0.2
Total Hair HI Across Media =	0.3
Total Immune system HI Across Media =	0.02
Total Lifetime HI Across Media =	0.03
Total Liver HI Across Media =	0.5
Total Nervous System HI Across Media =	0.07
Total Organ Weight HI Across Media =	0.003
Total Reproductive HI Across Media =	0.2
Total Respiratory HI Across Media =	0.0003
Total Dermal HI Across Media =	0.6
Total Thyroid HI Across Media =	0.09

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TABLE 9.5.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Industrial/Commercial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient						
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total		
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	BEQ	2E-07	NA	1E-07	3E-07	Developmental, Reproductive, Immune System	2E-03	NA	1E-03	3E-03		
			2,3,7,8-TCDD TEQ	5E-07	NA	6E-08	5E-07	Reproductive, Developmental, Endocrine System	1E-02	NA	2E-03	2E-02		
			ALUMINUM	NA	NA	NA	NA	Nervous System	2E-02	NA	NA	2E-02		
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	3E-03	NA	NA	3E-03		
			ARSENIC	3E-05	NA	4E-06	3E-05	Dermal, Cardiovascular System	2E-01	NA	2E-02	2E-01		
			CADMIUM	NA	NA	NA	NA	Urinary System	3E-03	NA	5E-04	4E-03		
			COBALT	NA	NA	NA	NA	Thyroid	2E-02	NA	NA	2E-02		
			IRON	NA	NA	NA	NA	Gastrointestinal	5E-02	NA	NA	5E-02		
			MANGANESE	NA	NA	NA	NA	Nervous System	1E-03	NA	NA	1E-03		
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	2E-03	NA	NA	2E-03		
			THALLIUM	NA	NA	NA	NA	Hair	1E-01	NA	NA	1E-01		
			VANADIUM	NA	NA	NA	NA	Dermal	1E-02	NA	NA	1E-02		
			Exposure Point Total			3E-05	NA	4E-06	4E-05		4E-01	NA	3E-02	4E-01
			Exposure Medium Total			3E-05	NA	4E-06	4E-05		4E-01	NA	3E-02	4E-01
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	BEQ	NA	4E-11	NA	4E-11	Developmental, Reproductive	NA	1E-04	NA	1E-04		
			2,3,7,8-TCDD TEQ	NA	5E-11	NA	5E-11	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	9E-08	NA	9E-08		
ALUMINUM			NA	NA	NA	NA	Nervous System	NA	1E-03	NA	1E-03			
ANTIMONY			NA	NA	NA	NA	NA	NA	NA	NA	NA			
ARSENIC			NA	3E-08	NA	3E-08	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	1E-03	NA	1E-03			
CADMIUM			NA	7E-10	NA	7E-10	Urinary System	NA	1E-04	NA	1E-04			
COBALT			NA	8E-09	NA	8E-09	Respiratory	NA	4E-04	NA	4E-04			
IRON			NA	NA	NA	NA	NA	NA	NA	NA	NA			
MANGANESE			NA	NA	NA	NA	Nervous System	NA	1E-03	NA	1E-03			
MERCURY			NA	NA	NA	NA	Nervous System	NA	6E-07	NA	6E-07			
THALLIUM			NA	NA	NA	NA	NA	NA	NA	NA	NA			
VANADIUM			NA	NA	NA	NA	Respiratory	NA	2E-04	NA	2E-04			
Exposure Point Total			NA	4E-08	NA	4E-08		NA	4E-03	NA	4E-03			
Exposure Medium Total			NA	4E-08	NA	4E-08		NA	4E-03	NA	4E-03			
Surface Soil Total			3E-05	4E-08	4E-06	4E-05		4E-01	4E-03	3E-02	4E-01			
Receptor Total			3E-05	4E-08	4E-06	4E-05		4E-01	4E-03	3E-02	4E-01			

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TABLE 9.5.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Industrial/Commercial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.003
Total Cardiovascular System HI Across Media =	0.2
Total Developmental HI Across Media =	0.02
Total Gastrointestinal HI Across Media =	0.05
Total Hair HI Across Media =	0.10
Total Immune system HI Across Media =	0.005
Total Lifetime HI Across Media =	0.003
Total Liver HI Across Media =	8.6E-08
Total Nervous System HI Across Media =	0.02
Total Reproductive HI Across Media =	0.02
Total Respiratory HI Across Media =	0.002
Total Dermal HI Across Media =	0.2
Total Thyroid HI Across Media =	0.02

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TABLE 9.6.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Construction/Utility Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient						
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total		
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	BEQ	2E-08	NA	9E-09	3E-08	Developmental, Reproductive, Immune System	5E-03	NA	2E-03	7E-03		
			2,3,7,8-TCDD TEQ	1E-07	NA	1E-08	1E-07		Immune System	3E-03	NA	3E-04	4E-03	
			ALUMINUM	NA	NA	NA	NA		Nervous System	4E-02	NA	NA	4E-02	
			ANTIMONY	NA	NA	NA	NA		Whole Body	2E-02	NA	NA	2E-02	
			ARSENIC	3E-06	NA	3E-07	3E-06		Dermal	5E-01	NA	5E-02	5E-01	
			CADMIUM	NA	NA	NA	NA		Urinary System	8E-03	NA	1E-03	9E-03	
			COBALT	NA	NA	NA	NA		Thyroid	6E-03	NA	NA	6E-03	
			IRON	NA	NA	NA	NA		Gastrointestinal	1E-01	NA	NA	1E-01	
			MANGANESE	NA	NA	NA	NA		Nervous System	3E-03	NA	NA	3E-03	
			MERCURY	NA	NA	NA	NA		Urinary System	6E-04	NA	NA	6E-04	
			THALLIUM	NA	NA	NA	NA		Hair	5E-02	NA	NA	5E-02	
			VANADIUM	NA	NA	NA	NA		Hematologic	1E-02	NA	NA	1E-02	
			HEPTACHLOR EPOXIDE	5E-09	NA	NA	5E-09		Liver	3E-03	NA	NA	3E-03	
		Exposure Point Total			3E-06	NA	3E-07	4E-06		8E-01	NA	5E-02	8E-01	
	Exposure Medium Total			3E-06	NA	3E-07	4E-06		8E-01	NA	5E-02	8E-01		
	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	BEQ	NA	1E-10	NA	1E-10	Developmental, Reproductive Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	7E-03	NA	7E-03		
			2,3,7,8-TCDD TEQ	NA	3E-10	NA	3E-10		NA	2E-05	NA	2E-05		
			ALUMINUM	NA	NA	NA	NA		Nervous System	NA	8E-02	NA	8E-02	
			ANTIMONY	NA	NA	NA	NA		NA	NA	NA	NA	NA	
			ARSENIC	NA	8E-08	NA	8E-08		Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	9E-02	NA	9E-02	
			CADMIUM	NA	2E-09	NA	2E-09			Urinary System	NA	7E-03	NA	7E-03
			COBALT	NA	2E-08	NA	2E-08			Respiratory	NA	8E-03	NA	8E-03
			IRON	NA	NA	NA	NA			NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA			Nervous System	NA	8E-02	NA	8E-02
			MERCURY	NA	NA	NA	NA			Nervous System	NA	4E-05	NA	4E-05
			THALLIUM	NA	NA	NA	NA			NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA			Respiratory	NA	1E-02	NA	1E-02
HEPTACHLOR EPOXIDE		NA	1E-11	NA	1E-11	NA	NA	NA		NA	NA			
Exposure Point Total			NA	1E-07	NA	1E-07		NA		3E-01	NA	3E-01		
Exposure Medium Total			NA	1E-07	NA	1E-07		NA	3E-01	NA	3E-01			
Total Soil Total			3E-06	1E-07	3E-07	4E-06		8E-01	3E-01	5E-02	1E+00			
Receptor Total			3E-06	1E-07	3E-07	4E-06		8E-01	3E-01	5E-02	1E+00			

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TABLE 9.6.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Construction/Utility Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.01
Total Cardiovascular System HI Across Media =	0.09
Total Developmental HI Across Media =	0.1
Total Gastrointestinal HI Across Media =	0.1
Total Hair HI Across Media =	0.05
Total Immune system HI Across Media =	0.01
Total Liver HI Across Media =	0.003
Total Nervous System HI Across Media =	0.3
Total Reproductive HI Across Media =	0.1
Total Respiratory HI Across Media =	0.1
Total Dermal HI Across Media =	0.6
Total Thyroid HI Across Media =	0.006
Total Whole Body HI Across Media =	0.02

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.7.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	BEQ	NA	NA	NA	NA	Developmental, Reproductive, Immune System	3E-03	NA	1E-03	4E-03
			2,3,7,8-TCDD TEQ	NA	NA	NA	NA	Reproductive, Developmental, Endocrine System	2E-02	NA	2E-03	2E-02
			ALUMINUM	NA	NA	NA	NA	Nervous System	2E-02	NA	NA	2E-02
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	5E-03	NA	NA	5E-03
			ARSENIC	NA	NA	NA	NA	Dermal, Cardiovascular System	3E-01	NA	3E-02	3E-01
			CADMIUM	NA	NA	NA	NA	Urinary System	4E-03	NA	8E-04	5E-03
			COBALT	NA	NA	NA	NA	Thyroid	3E-02	NA	NA	3E-02
			IRON	NA	NA	NA	NA	Gastrointestinal	6E-02	NA	NA	6E-02
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-03	NA	NA	2E-03
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	2E-03	NA	NA	2E-03
			THALLIUM	NA	NA	NA	NA	Hair	1E-01	NA	NA	1E-01
			VANADIUM	NA	NA	NA	NA	Dermal	1E-02	NA	NA	1E-02
		Exposure Point Total		NA	NA	NA	NA		6E-01	NA	4E-02	6E-01
	Exposure Medium Total			NA	NA	NA	NA		6E-01	NA	4E-02	6E-01
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	BEQ	NA	NA	NA	NA	Developmental, Reproductive	NA	4E-04	NA	4E-04
			2,3,7,8-TCDD TEQ	NA	NA	NA	NA	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	4E-07	NA	4E-07
			ALUMINUM	NA	NA	NA	NA	Nervous System	NA	5E-03	NA	5E-03
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	NA	NA	NA	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	6E-03	NA	6E-03
			CADMIUM	NA	NA	NA	NA	Urinary System	NA	5E-04	NA	5E-04
			COBALT	NA	NA	NA	NA	Respiratory	NA	2E-03	NA	2E-03
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	5E-03	NA	5E-03
			MERCURY	NA	NA	NA	NA	Nervous System	NA	2E-06	NA	2E-06
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	8E-04	NA	8E-04
		Exposure Point Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02
	Exposure Medium Total			NA	NA	NA	NA		NA	2E-02	NA	2E-02
Surface Soil Total				NA	NA	NA	NA		6E-01	2E-02	4E-02	6E-01
Receptor Total				NA	NA	NA	NA		6E-01	2E-02	4E-02	6E-01

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.7.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.005
Total Cardiovascular System HI Across Media =	0.3
Total Developmental HI Across Media =	0.03
Total Gastrointestinal HI Across Media =	0.06
Total Hair HI Across Media =	0.1
Total Immune system HI Across Media =	0.006
Total Lifetime HI Across Media =	0.005
Total Liver HI Across Media =	3.6E-07
Total Nervous System HI Across Media =	0.04
Total Reproductive HI Across Media =	0.03
Total Respiratory HI Across Media =	0.008
Total Dermal HI Across Media =	0.3
Total Thyroid HI Across Media =	0.03

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.8.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	BEQ	NA	NA	NA	NA	Developmental, Reproductive, Immune System	3E-02	NA	9E-03	4E-02
			2,3,7,8-TCDD TEQ	NA	NA	NA	NA	Reproductive, Developmental, Endocrine System	2E-01	NA	1E-02	2E-01
			ALUMINUM	NA	NA	NA	NA	Nervous System	2E-01	NA	NA	2E-01
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	5E-02	NA	NA	5E-02
			ARSENIC	NA	NA	NA	NA	Dermal, Cardiovascular System	3E+00	NA	2E-01	3E+00
			CADMIUM	NA	NA	NA	NA	Urinary System	5E-02	NA	5E-03	5E-02
			COBALT	NA	NA	NA	NA	Thyroid	3E-01	NA	NA	3E-01
			IRON	NA	NA	NA	NA	Gastrointestinal	7E-01	NA	NA	7E-01
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-02	NA	NA	2E-02
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	2E-02	NA	NA	2E-02
			THALLIUM	NA	NA	NA	NA	Hair	1E+00	NA	NA	1E+00
			VANADIUM	NA	NA	NA	NA	Dermal	2E-01	NA	NA	2E-01
		Exposure Point Total		NA	NA	NA	NA		6E+00	NA	2E-01	6E+00
	Exposure Medium Total			NA	NA	NA	NA		6E+00	NA	2E-01	6E+00
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	BEQ	NA	NA	NA	NA	Developmental, Reproductive	NA	4E-04	NA	4E-04
			2,3,7,8-TCDD TEQ	NA	NA	NA	NA	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	4E-07	NA	4E-07
			ALUMINUM	NA	NA	NA	NA	Nervous System	NA	5E-03	NA	5E-03
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	NA	NA	NA	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	6E-03	NA	6E-03
			CADMIUM	NA	NA	NA	NA	Urinary System	NA	5E-04	NA	5E-04
			COBALT	NA	NA	NA	NA	Respiratory	NA	2E-03	NA	2E-03
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	5E-03	NA	5E-03
			MERCURY	NA	NA	NA	NA	Nervous System	NA	2E-06	NA	2E-06
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	8E-04	NA	8E-04
		Exposure Point Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02
	Exposure Medium Total			NA	NA	NA	NA		NA	2E-02	NA	2E-02
Surface Soil Total			NA	NA	NA	NA		6E+00	2E-02	2E-01	6E+00	
Receptor Total			NA	NA	NA	NA		6E+00	2E-02	2E-01	6E+00	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.8.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.05
Total Cardiovascular System HI Across Media =	3
Total Developmental HI Across Media =	0.3
Total Gastrointestinal HI Across Media =	0.7
Total Hair HI Across Media =	1
Total Immune system HI Across Media =	0.06
Total Lifetime HI Across Media =	0.05
Total Liver HI Across Media =	3.6E-07
Total Nervous System HI Across Media =	0.3
Total Reproductive HI Across Media =	0.3
Total Respiratory HI Across Media =	0.008
Total Dermal HI Across Media =	3
Total Thyroid HI Across Media =	0.3

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.9.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future			
Receptor Population: Resident			
Receptor Age: Adult/Child Aggregate			

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	BEQ	4E-06	NA	1E-06	6E-06	NA	NA	NA	NA	NA
			2,3,7,8-TCDD TEQ	2E-06	NA	2E-07	2E-06	NA	NA	NA	NA	NA
			ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	1E-04	NA	1E-05	2E-04	NA	NA	NA	NA	NA
			CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
				Exposure Point Total		2E-04	NA	1E-05	2E-04		NA	NA
	Exposure Medium Total		2E-04	NA	1E-05	2E-04		NA	NA	NA	NA	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	BEQ	NA	5E-10	NA	5E-10	NA	NA	NA	NA	NA
			2,3,7,8-TCDD TEQ	NA	2E-10	NA	2E-10	NA	NA	NA	NA	NA
			ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	1E-07	NA	1E-07	NA	NA	NA	NA	NA
			CADMIUM	NA	3E-09	NA	3E-09	NA	NA	NA	NA	NA
			COBALT	NA	3E-08	NA	3E-08	NA	NA	NA	NA	NA
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
				Exposure Point Total		NA	2E-07	NA	2E-07		NA	NA
	Exposure Medium Total		NA	2E-07	NA	2E-07		NA	NA	NA	NA	
Surface Soil Total			2E-04	2E-07	1E-05	2E-04		NA	NA	NA	NA	
Receptor Total			2E-04	2E-07	1E-05	2E-04		NA	NA	NA	NA	

Notes:

BEQ = Benzo(a)pyrene equivalent

NA = Not applicable/Not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.10.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	BEQ	NA	NA	NA	NA	Developmental, Reproductive, Immune System	2E-03	NA	1E-03	4E-03
			2,3,7,8-TCDD TEQ	NA	NA	NA	NA	Reproductive, Developmental, Endocrine System	5E-02	NA	6E-03	5E-02
			ALUMINUM	NA	NA	NA	NA	Nervous System	2E-02	NA	NA	2E-02
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	1E-02	NA	NA	1E-02
			ARSENIC	NA	NA	NA	NA	Dermal, Cardiovascular System	2E-01	NA	3E-02	3E-01
			CADMIUM	NA	NA	NA	NA	Urinary System	4E-03	NA	6E-04	4E-03
			COBALT	NA	NA	NA	NA	Thyroid	3E-02	NA	NA	3E-02
			IRON	NA	NA	NA	NA	Gastrointestinal	6E-02	NA	NA	6E-02
			MANGANESE	NA	NA	NA	NA	Nervous System	1E-03	NA	NA	1E-03
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	2E-03	NA	NA	2E-03
			THALLIUM	NA	NA	NA	NA	Hair	1E-01	NA	NA	1E-01
			VANADIUM	NA	NA	NA	NA	Dermal	1E-02	NA	NA	1E-02
			HEPTACHLOR EPOXIDE	NA	NA	NA	NA	Liver	1E-03	NA	NA	1E-03
			Exposure Point Total		NA	NA	NA	NA		5E-01	NA	4E-02
	Exposure Medium Total		NA	NA	NA	NA		5E-01	NA	4E-02	6E-01	
Total Soil	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	BEQ	NA	NA	NA	NA	Developmental, Reproductive	NA	4E-04	NA	4E-04
			2,3,7,8-TCDD TEQ	NA	NA	NA	NA	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	9E-07	NA	9E-07
			ALUMINUM	NA	NA	NA	NA	Nervous System	NA	4E-03	NA	4E-03
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	NA	NA	NA	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	5E-03	NA	5E-03
			CADMIUM	NA	NA	NA	NA	Urinary System	NA	4E-04	NA	4E-04
			COBALT	NA	NA	NA	NA	Respiratory	NA	2E-03	NA	2E-03
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	4E-03	NA	4E-03
			MERCURY	NA	NA	NA	NA	Nervous System	NA	2E-06	NA	2E-06
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	7E-04	NA	7E-04
			HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Exposure Point Total		NA	NA	NA	NA		NA	2E-02	NA
	Exposure Medium Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02	
Total Soil Total			NA	NA	NA	NA		5E-01	2E-02	4E-02	6E-01	
Receptor Total			NA	NA	NA	NA		5E-01	2E-02	4E-02	6E-01	

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TABLE 9.10.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.010
Total Cardiovascular System HI Across Media =	0.3
Total Developmental HI Across Media =	0.06
Total Gastrointestinal HI Across Media =	0.06
Total Hair HI Across Media =	0.1
Total Immune system HI Across Media =	0.006
Total Lifetime HI Across Media =	0.010
Total Liver HI Across Media =	0.001
Total Nervous System HI Across Media =	0.04
Total Reproductive HI Across Media =	0.06
Total Respiratory HI Across Media =	0.007
Total Dermal HI Across Media =	0.3
Total Thyroid HI Across Media =	0.03

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TABLE 9.11.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	BEQ	NA	NA	NA	NA	Developmental, Reproductive, Immune System	3E-02	NA	8E-03	3E-02
			2,3,7,8-TCDD TEQ	NA	NA	NA	NA	Reproductive, Developmental, Endocrine System	5E-01	NA	4E-02	5E-01
			ALUMINUM	NA	NA	NA	NA	Nervous System	2E-01	NA	NA	2E-01
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	1E-01	NA	NA	1E-01
			ARSENIC	NA	NA	NA	NA	Dermal, Cardiovascular System	2E+00	NA	2E-01	3E+00
			CADMIUM	NA	NA	NA	NA	Urinary System	4E-02	NA	4E-03	4E-02
			COBALT	NA	NA	NA	NA	Thyroid	3E-01	NA	NA	3E-01
			IRON	NA	NA	NA	NA	Gastrointestinal	6E-01	NA	NA	6E-01
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-02	NA	NA	2E-02
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	2E-02	NA	NA	2E-02
			THALLIUM	NA	NA	NA	NA	Hair	1E+00	NA	NA	1E+00
			VANADIUM	NA	NA	NA	NA	Dermal	1E-01	NA	NA	1E-01
			HEPTACHLOR EPOXIDE	NA	NA	NA	NA	Liver	1E-02	NA	NA	1E-02
			Exposure Point Total		NA	NA	NA	NA		6E+00	NA	2E-01
	Exposure Medium Total		NA	NA	NA	NA		6E+00	NA	2E-01	6E+00	
Total Soil	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	BEQ	NA	NA	NA	NA	Developmental, Reproductive	NA	4E-04	NA	4E-04
			2,3,7,8-TCDD TEQ	NA	NA	NA	NA	Liver; Reproductive System; Developmental; Endocrine System; Respiratory System; Hematologic	NA	9E-07	NA	9E-07
			ALUMINUM	NA	NA	NA	NA	Nervous System	NA	4E-03	NA	4E-03
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	NA	NA	NA	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	5E-03	NA	5E-03
			CADMIUM	NA	NA	NA	NA	Urinary System	NA	4E-04	NA	4E-04
			COBALT	NA	NA	NA	NA	Respiratory	NA	2E-03	NA	2E-03
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	4E-03	NA	4E-03
			MERCURY	NA	NA	NA	NA	Nervous System	NA	2E-06	NA	2E-06
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	7E-04	NA	7E-04
			HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Exposure Point Total		NA	NA	NA	NA		NA	2E-02	NA
	Exposure Medium Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02	
Total Soil Total			NA	NA	NA	NA		6E+00	2E-02	2E-01	6E+00	
Receptor Total			NA	NA	NA	NA		6E+00	2E-02	2E-01	6E+00	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.11.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total

Notes:

BEQ = Benzo(a)pyrene equivalent

HI = Hazard Index

NA = Not applicable or not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Total Hematologic HI Across Media =	0.1
Total Cardiovascular System HI Across Media =	3
Total Developmental HI Across Media =	0.6
Total Gastrointestinal HI Across Media =	0.6
Total Hair HI Across Media =	1
Total Immune system HI Across Media =	0.06
Total Lifetime HI Across Media =	0.1
Total Liver HI Across Media =	0.01
Total Nervous System HI Across Media =	0.2
Total Reproductive HI Across Media =	0.6
Total Respiratory HI Across Media =	0.007
Total Dermal HI Across Media =	3
Total Thyroid HI Across Media =	0.3

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.12.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Total Soil	Total Soil	Total Soil (0 - 7.7 feet bgs)	BEQ	4E-06	NA	1E-06	5E-06	NA	NA	NA	NA	NA
			2,3,7,8-TCDD TEQ	5E-06	NA	4E-07	5E-06	NA	NA	NA	NA	NA
			ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	1E-04	NA	1E-05	1E-04	NA	NA	NA	NA	NA
			CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			HEPTACHLOR EPOXIDE	2E-07	NA	NA	2E-07	NA	NA	NA	NA	NA
	Exposure Point Total			1E-04	NA	1E-05	1E-04		NA	NA	NA	NA
Exposure Medium Total			1E-04	NA	1E-05	1E-04		NA	NA	NA	NA	
Total Soil	Ambient Air	Emissions from Total Soil (0 - 7.7 feet bgs)	BEQ	NA	5E-10	NA	5E-10	NA	NA	NA	NA	NA
			2,3,7,8-TCDD TEQ	NA	5E-10	NA	5E-10	NA	NA	NA	NA	NA
			ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	1E-07	NA	1E-07	NA	NA	NA	NA	NA
			CADMIUM	NA	3E-09	NA	3E-09	NA	NA	NA	NA	NA
			COBALT	NA	3E-08	NA	3E-08	NA	NA	NA	NA	NA
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			HEPTACHLOR EPOXIDE	NA	2E-11	NA	2E-11	NA	NA	NA	NA	NA
	Exposure Point Total			NA	2E-07	NA	2E-07		NA	NA	NA	NA
Exposure Medium Total			NA	2E-07	NA	2E-07		NA	NA	NA	NA	
Total Soil Total			1E-04	2E-07	1E-05	1E-04		NA	NA	NA	NA	
Receptor Total			1E-04	2E-07	1E-05	1E-04		NA	NA	NA	NA	

Notes:

BEQ = Benzo(a)pyrene equivalent

NA = Not applicable/Not available

2,3,7,8-TCDD TEQ = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalent

Attachment H-2 Samples Used in the HHRA

Attachment H-2

Samples Used in Human Health Risk Assessment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey*

Matrix	Station ID	Sample ID	Date Collected	Upper Depth (feet)	Lower Depth (feet)
Surface Soil (0 - 2 feet)	0601	SS-0601A	8/31/94	0	0.5
	0601	SS-0601B	8/31/94	0.5	1
	0602	SS-0602A	8/31/94	0	0.5
	0602	SS-0602B	8/31/94	0.5	1
	0603	SS-0603A	8/31/94	0	0.5
	0603	SS-0603B	8/31/94	0.5	1
	0604	SS-0604A	8/31/94	0	0.5
	0604	SS-0604B	8/31/94	1	1.5
	0605	SS-0605A	9/1/94	0	0.5
	0605	SS-0605B	9/1/94	1.5	2
	0606	SS-0606A	8/31/94	0	0.5
	0606	SS-0606B	8/31/94	1.5	2
	0607	SS-0607A	9/1/94	0	0.5
	0607	SS-0607B	9/1/94	0.5	1
	0608	SS-0608A	9/1/94	0	0.5
	0608	SS-0608B	9/1/94	0.5	1
	0609	SS-0609A	9/1/94	0	0.5
	0609	SS-0609B	9/1/94	0.5	1
	0610	SS-0610A	9/1/94	0	0.5
	0610	SS-0610B	9/1/94	1	1.5
	0611	SS-0611A	9/1/94	0	0.5
	0611	SS-0611B	9/1/94	0.5	1
	0612	SS-0612A	9/1/94	0	0.5
	0612	SS-0612B	9/1/94	0.5	1
	0613	SS-0613A	9/2/94	0	0.5
	0613	SS-0613B	9/2/94	0.5	1
	0614	SS-0614A	9/2/94	0	0.5
	0614	SS-0614B	9/2/94	0.5	1
	0615	SS-0615A	9/2/94	0	0.5
	0615	SS-0615B	9/2/94	0.5	1
	0616	SS-0616A	9/2/94	0	0.5
	0616	SS-0616B	9/2/94	0.5	1
	0617	SS-0617A	9/6/94	0	0.5
	0617	SS-0617B	9/6/94	1.2	1.7
	0618	SS-0618A	9/6/94	0	0.5
	0618	SS-0618B	9/6/94	1.5	2
	0621	SS-0621A	10/6/94	0	0.5
	0621	SS-0621Z	10/6/94	1.5	2
	0622	SS0622	7/22/05	0	0
	0623	SS0623	7/22/05	0	0
	06A01	SS-06A01A	8/29/94	0	0.5
	06A02	SS-06A02A	8/29/94	0	0.5
	06A02	SS-06A02B	8/29/94	0.5	1
	06A03	SS-06A03A	8/29/94	0.3	2
	06A04	SS-06A04A	8/29/94	0	0.5
	06A04	SS-06A04B	8/29/94	0.5	1
	06A05	SS-06A05A	8/29/94	0	0.5
	06A05	SS-06A05B	8/29/94	0.5	1
	06A06	SS-06A06A	8/29/94	0	0.5
	06A06	SS-06A06B	8/29/94	0.5	1
	06A07	SS-06A07A	8/29/94	0	0.5
	06A07	SS-06A07B	8/29/94	1.8	2.3
	06A08	SS-06A08A	8/29/94	0	0.5
	06A08	SS-06A08B	8/29/94	1.5	2
	06B05	SS-06B05A	9/7/94	1.5	2

Attachment H-2

Samples Used in Human Health Risk Assessment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey*

Matrix	Station ID	Sample ID	Date Collected	Upper Depth (feet)	Lower Depth (feet)
Subsurface Soil (2 - 7.7 feet)	0621	SS-0621B	10/6/94	5	5.5
	06B01	SS-06B01AZ	9/6/94	3	3.5
	06B02	SS-06B02A	9/7/94	4	5
	06B02	SS-06B02AZ	9/7/94	5	5.5
	06B03	SS-06B03A	9/7/94	3	3.5
	06B03	SS-06B03AZ	9/7/94	4	4.5
	06B04	SS-06B04A	9/7/94	2.5	3
	06B04	SS-06B04Z	9/7/94	3	3.5
	06B05	SS-06B05Z	9/7/94	3	3.5
	06B06	SS-06B06A	9/6/94	2	4
	06B06	SS-06B06Z	9/6/94	7.2	7.7
Sediment	SW0602	SD-0602L	8/9/94	0	0
	SW0604	SD-0604L	8/10/94	0	0
	SW0605	SD-0605L	8/10/94	0	0
	SW0606	SD-0606L	8/10/94	0	0
	SW0607	SD-0607	8/10/94	0	0
	SW0608	SD-0608L	8/10/94	0	0
	SW0609	SD-0609L	8/10/94	0	0
	SW0610	SD-0610	8/10/94	0	0
	SW0611	SD-0611	8/10/94	0	0
	SW0612	SD-0612	8/10/94	0	0
	SW0613	SD-0613	8/10/94	0	0
	SW0614	SD-0614	8/10/94	0	0
	SW0615	SD-0615	8/10/94	0	0
	SW0616	SD-0616L	8/4/94	0	0
	SW0617	SD-0617L	8/4/94	0	0
	SW0618	SD-0618L	8/4/94	0	0
	SW0619	SD-0619L	8/4/94	0	0
	SW0627	SD0627	7/13/05	0	0
	SW0627	SD0627	7/13/05	0	0.5
	SW0628	SD0628	7/13/05	0	0
	SW0628	SD0628	7/13/05	0	0.5
	SW0629	SD0629	7/13/05	0	0.5
	SW0629	SD0629	7/13/05	0	0
	SW0629	SD0629	7/13/05	0	0.5
	SW0630	SD0630	7/20/05	0	0.5
	SW0630	SD0630	7/20/05	0	0
	SW0631	SD0631	7/20/05	0	0
	SW0631	SD0631	7/20/05	0	0.5
	SW0632	SD0632	7/21/05	0	0.5
	SW0632	SD0632	7/21/05	0	0.5
	SW0634	SD0634	7/21/05	0	0.5
	SW0635	SD0635	7/21/05	0	0.5
	SW0635	SD0635	7/21/05	0	0
	SW0636	SD0636	7/22/05	0	0.5

Attachment H-2

Samples Used in Human Health Risk Assessment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey*

Matrix	Station ID	Sample ID	Date Collected	Upper Depth (feet)	Lower Depth (feet)
Surface Water	SW0602	SW-0602H	8/9/94	NA	NA
	SW0602	SW-0602L	8/9/94	NA	NA
	SW0604	SW-0604H	8/10/94	NA	NA
	SW0604	SW-0604L	8/10/94	NA	NA
	SW0605	SW-0605H	8/10/94	NA	NA
	SW0605	SW-0605L	8/10/94	NA	NA
	SW0606	SW-0606H	8/10/94	NA	NA
	SW0606	SW-0606L	8/10/94	NA	NA
	SW0607	SW-0607	8/10/94	NA	NA
	SW0608	SW-0608H	8/10/94	NA	NA
	SW0608	SW-0608L	8/10/94	NA	NA
	SW0609	SW-0609H	8/10/94	NA	NA
	SW0609	SW-0609L	8/10/94	NA	NA
	SW0610	SW-0610	8/10/94	NA	NA
	SW0613	SW-0613	8/10/94	NA	NA
	SW0614	SW-0614	8/10/94	NA	NA
	SW0615	SW-0615	8/10/94	NA	NA
	SW0616	SW-0616H	8/4/94	NA	NA
	SW0616	SW-0616L	8/4/94	NA	NA
	SW0617	SW-0617H	8/4/94	NA	NA
	SW0617	SW-0617L	8/4/94	NA	NA
	SW0618	SW-0618H	8/4/94	NA	NA
	SW0618	SW-0618L	8/4/94	NA	NA
	SW0619	SW-0619H	8/4/94	NA	NA
	SW0619	SW-0619L	8/4/94	NA	NA
	SW0630	SW0630	9/14/05	NA	NA
	SW0631	SW0631	9/14/05	NA	NA
	SW0632	SW0632	9/14/05	NA	NA
	SW0634	SW0634	9/14/05	NA	NA

Notes:

NA: Not available/Not applicable

Attachment H-3 ProUCL Output

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****ALUMINUM, TOTAL (mg/kg)****General Statistics**

Total Number of Observations	15	Number of Distinct Observations	15
		Number of Missing Observations	0
Minimum	1790	Mean	13960
Maximum	28700	Median	11900
SD	9242	Std. Error of Mean	2386
Coefficient of Variation	0.662	Skewness	0.211

Normal GOF Test

Shapiro Wilk Test Statistic	0.921	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.881	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.152	Lilliefors GOF Test
5% Lilliefors Critical Value	0.229	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 18163

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	18024
95% Modified-t UCL (Johnson-1978)	18185

Gamma GOF Test

A-D Test Statistic	0.458	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.749	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.181	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.225	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	1.859	k star (bias corrected MLE)	1.532
Theta hat (MLE)	7507	Theta star (bias corrected MLE)	9112
nu hat (MLE)	55.78	nu star (bias corrected)	45.96
MLE Mean (bias corrected)	13960	MLE Sd (bias corrected)	11279
		Approximate Chi Square Value (0.05)	31.41
Adjusted Level of Significance	0.0324	Adjusted Chi Square Value	29.93

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when $n \geq 50$)	20429	95% Adjusted Gamma UCL (use when $n < 50$)	21437
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Lognormal GOF Test

Shapiro Wilk Test Statistic	0.908	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.881	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.174	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.229	Data appear Lognormal at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**
Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	7.49	Mean of logged Data	9.252
Maximum of Logged Data	10.26	SD of logged Data	0.88

Assuming Lognormal Distribution

95% H-UCL	28004	90% Chebyshev (MVUE) UCL	25731
95% Chebyshev (MVUE) UCL	30665	97.5% Chebyshev (MVUE) UCL	37514
99% Chebyshev (MVUE) UCL	50966		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	17885	95% Jackknife UCL	18163
95% Standard Bootstrap UCL	17805	95% Bootstrap-t UCL	18316
95% Hall's Bootstrap UCL	17825	95% Percentile Bootstrap UCL	17758
95% BCA Bootstrap UCL	17756		
90% Chebyshev(Mean, Sd) UCL	21119	95% Chebyshev(Mean, Sd) UCL	24362
97.5% Chebyshev(Mean, Sd) UCL	28862	99% Chebyshev(Mean, Sd) UCL	37703

Suggested UCL to Use**95% Student's-t UCL 18163**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

ANTIMONY, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	53	Number of Distinct Observations	29
Number of Detects	15	Number of Non-Detects	38
Number of Distinct Detects	14	Number of Distinct Non-Detects	21
Minimum Detect	1.2	Minimum Non-Detect	0.71
Maximum Detect	5.9	Maximum Non-Detect	3.4
Variance Detects	1.894	Percent Non-Detects	71.7%
Mean Detects	2.713	SD Detects	1.376
Median Detects	2.3	CV Detects	0.507
Skewness Detects	1.039	Kurtosis Detects	0.545
Mean of Logged Detects	0.885	SD of Logged Detects	0.489

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.906
5% Shapiro Wilk Critical Value	0.881

Shapiro Wilk GOF Test

Detected Data appear Normal at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Lilliefors Test Statistic	0.151	Lilliefors GOF Test
5% Lilliefors Critical Value	0.229	Detected Data appear Normal at 5% Significance Level
Detected Data appear Normal at 5% Significance Level		

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	1.329	Standard Error of Mean	0.166
SD	1.141	95% KM (BCA) UCL	1.658
95% KM (t) UCL	1.607	95% KM (Percentile Bootstrap) UCL	1.62
95% KM (z) UCL	1.602	95% KM Bootstrap t UCL	1.653
90% KM Chebyshev UCL	1.827	95% KM Chebyshev UCL	2.052
97.5% KM Chebyshev UCL	2.364	99% KM Chebyshev UCL	2.978

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.24	Anderson-Darling GOF Test
5% A-D Critical Value	0.739	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.11	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.222	Detected data appear Gamma Distributed at 5% Significance Level
Detected data appear Gamma Distributed at 5% Significance Level		

Gamma Statistics on Detected Data Only

k hat (MLE)	4.591	k star (bias corrected MLE)	3.717
Theta hat (MLE)	0.591	Theta star (bias corrected MLE)	0.73
nu hat (MLE)	137.7	nu star (bias corrected)	111.5
MLE Mean (bias corrected)	2.713	MLE Sd (bias corrected)	1.407

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	1.358	nu hat (KM)	143.9
Approximate Chi Square Value (143.92, α)	117.2	Adjusted Chi Square Value (143.92, β)	116.5
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	1.633	95% Gamma Adjusted KM-UCL (use when $n < 50$)	1.642

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.829
Maximum	5.9	Median	0.01
SD	1.402	CV	1.692
k hat (MLE)	0.296	k star (bias corrected MLE)	0.292
Theta hat (MLE)	2.796	Theta star (bias corrected MLE)	2.836
nu hat (MLE)	31.42	nu star (bias corrected)	30.98
MLE Mean (bias corrected)	0.829	MLE Sd (bias corrected)	1.533
		Adjusted Level of Significance (β)	0.0455
Approximate Chi Square Value (30.98, α)	19.26	Adjusted Chi Square Value (30.98, β)	19
95% Gamma Approximate UCL (use when $n \geq 50$)	1.333	95% Gamma Adjusted UCL (use when $n < 50$)	1.351

Lognormal GOF Test on Detected Observations Only

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Shapiro Wilk Test Statistic	0.967	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.881	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.082	Lilliefors GOF Test
5% Lilliefors Critical Value	0.229	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.208	Mean in Log Scale	-0.142
SD in Original Scale	1.206	SD in Log Scale	0.76
95% t UCL (assumes normality of ROS data)	1.486	95% Percentile Bootstrap UCL	1.513
95% BCA Bootstrap UCL	1.536	95% Bootstrap t UCL	1.574
95% H-UCL (Log ROS)	1.443		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	0.0536	95% H-UCL (KM -Log)	1.497
KM SD (logged)	0.608	95% Critical H Value (KM-Log)	1.956
KM Standard Error of Mean (logged)	0.0917		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	1.289
SD in Original Scale	1.179
95% t UCL (Assumes normality)	1.56

DL/2 Log-Transformed

Mean in Log Scale	-0.0341
SD in Log Scale	0.718
95% H-Stat UCL	1.532

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	1.607	95% KM (Percentile Bootstrap) UCL	1.62
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

ARSENIC, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	55	Number of Distinct Observations	51
		Number of Missing Observations	0
Minimum	4.2	Mean	53.02
Maximum	238	Median	33.4
SD	53.23	Std. Error of Mean	7.178
Coefficient of Variation	1.004	Skewness	1.494

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Normal GOF Test**

Shapiro Wilk Test Statistic	0.827	Shapiro Wilk GOF Test
5% Shapiro Wilk P Value	2.2183E-8	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.185	Lilliefors GOF Test
5% Lilliefors Critical Value	0.119	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 65.03

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 66.37

95% Modified-t UCL (Johnson-1978) 65.27

Gamma GOF Test

A-D Test Statistic	0.561	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.778	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.0821	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.123	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	1.057	k star (bias corrected MLE)	1.012
Theta hat (MLE)	50.13	Theta star (bias corrected MLE)	52.39
nu hat (MLE)	116.3	nu star (bias corrected)	111.3
MLE Mean (bias corrected)	53.02	MLE Sd (bias corrected)	52.7
		Approximate Chi Square Value (0.05)	87.96
Adjusted Level of Significance	0.0456	Adjusted Chi Square Value	87.4

Assuming Gamma Distribution95% Approximate Gamma UCL (use when $n \geq 50$) 67.0995% Adjusted Gamma UCL (use when $n < 50$) 67.52**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.947	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk P Value	0.0287	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.0837	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.119	Data appear Lognormal at 5% Significance Level

Data appear Approximate Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	1.435	Mean of logged Data	3.428
Maximum of Logged Data	5.472	SD of logged Data	1.128

Assuming Lognormal Distribution

95% H-UCL	85.46	90% Chebyshev (MVUE) UCL	88.97
95% Chebyshev (MVUE) UCL	103.4	97.5% Chebyshev (MVUE) UCL	123.4
99% Chebyshev (MVUE) UCL	162.6		

Nonparametric Distribution Free UCL Statistics

Attachment H-3

ProUCL Output - Surface Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	64.82	95% Jackknife UCL	65.03
95% Standard Bootstrap UCL	64.6	95% Bootstrap-t UCL	67.08
95% Hall's Bootstrap UCL	67.68	95% Percentile Bootstrap UCL	65.81
95% BCA Bootstrap UCL	66.09		
90% Chebyshev(Mean, Sd) UCL	74.55	95% Chebyshev(Mean, Sd) UCL	84.3
97.5% Chebyshev(Mean, Sd) UCL	97.84	99% Chebyshev(Mean, Sd) UCL	124.4

Suggested UCL to Use

95% Approximate Gamma UCL 67.09

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

BEQ (mg/kg)**General Statistics**

Total Number of Observations	39	Number of Distinct Observations	38
Number of Detects	31	Number of Non-Detects	8
Number of Distinct Detects	31	Number of Distinct Non-Detects	7
Minimum Detect	0.281	Minimum Non-Detect	0.404
Maximum Detect	1.417	Maximum Non-Detect	1.618
Variance Detects	0.0567	Percent Non-Detects	20.51%
Mean Detects	0.626	SD Detects	0.238
Median Detects	0.606	CV Detects	0.38
Skewness Detects	1.367	Kurtosis Detects	3.001
Mean of Logged Detects	-0.532	SD of Logged Detects	0.358

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.895	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.929	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.125	Lilliefors GOF Test
5% Lilliefors Critical Value	0.159	Detected Data appear Normal at 5% Significance Level

Detected Data appear Approximate Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.589	Standard Error of Mean	0.0388
SD	0.231	95% KM (BCA) UCL	0.657
95% KM (t) UCL	0.655	95% KM (Percentile Bootstrap) UCL	0.655
95% KM (z) UCL	0.653	95% KM Bootstrap t UCL	0.664
90% KM Chebyshev UCL	0.706	95% KM Chebyshev UCL	0.758
97.5% KM Chebyshev UCL	0.832	99% KM Chebyshev UCL	0.975

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects
Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.482	Anderson-Darling GOF Test
5% A-D Critical Value	0.746	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.124	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.158	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	8.073	k star (bias corrected MLE)	7.314
Theta hat (MLE)	0.0775	Theta star (bias corrected MLE)	0.0856
nu hat (MLE)	500.6	nu star (bias corrected)	453.4
MLE Mean (bias corrected)	0.626	MLE Sd (bias corrected)	0.231

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	6.525	nu hat (KM)	509
Approximate Chi Square Value (508.95, α)	457.6	Adjusted Chi Square Value (508.95, β)	455.7
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.655	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.658

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.278	Mean	0.586
Maximum	1.417	Median	0.543
SD	0.231	CV	0.394
k hat (MLE)	7.647	k star (bias corrected MLE)	7.076
Theta hat (MLE)	0.0766	Theta star (bias corrected MLE)	0.0828
nu hat (MLE)	596.5	nu star (bias corrected)	551.9
MLE Mean (bias corrected)	0.586	MLE Sd (bias corrected)	0.22
		Adjusted Level of Significance (β)	0.0437
Approximate Chi Square Value (551.94, α)	498.4	Adjusted Chi Square Value (551.94, β)	496.5
95% Gamma Approximate UCL (use when $n \geq 50$)	0.648	95% Gamma Adjusted UCL (use when $n < 50$)	0.651

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.971	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.929	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.113	Lilliefors GOF Test
5% Lilliefors Critical Value	0.159	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.588	Mean in Log Scale	-0.594
SD in Original Scale	0.228	SD in Log Scale	0.352
95% t UCL (assumes normality of ROS data)	0.649	95% Percentile Bootstrap UCL	0.651
95% BCA Bootstrap UCL	0.658	95% Bootstrap t UCL	0.661
95% H-UCL (Log ROS)	0.652		

Attachment H-3

ProUCL Output - Surface Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	-0.597	95% H-UCL (KM -Log)	0.655
KM SD (logged)	0.364	95% Critical H Value (KM-Log)	1.826
KM Standard Error of Mean (logged)	0.0626		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	0.574	Mean in Log Scale	-0.647
SD in Original Scale	0.251	SD in Log Scale	0.439
95% t UCL (Assumes normality)	0.642	95% H-Stat UCL	0.659

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Approximate Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	0.655	95% KM (Percentile Bootstrap) UCL	0.655
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

CADMIUM, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	35
Number of Detects	25	Number of Non-Detects	25
Number of Distinct Detects	21	Number of Distinct Non-Detects	18
Minimum Detect	0.049	Minimum Non-Detect	0.045
Maximum Detect	16.2	Maximum Non-Detect	0.21
Variance Detects	18.55	Percent Non-Detects	50%
Mean Detects	1.797	SD Detects	4.307
Median Detects	0.18	CV Detects	2.397
Skewness Detects	3.079	Kurtosis Detects	8.623
Mean of Logged Detects	-1.085	SD of Logged Detects	1.676

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.441	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.918	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.376	Lilliefors GOF Test
5% Lilliefors Critical Value	0.177	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.928	Standard Error of Mean	0.449
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Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

SD	3.108	95% KM (BCA) UCL	1.919
95% KM (t) UCL	1.68	95% KM (Percentile Bootstrap) UCL	1.651
95% KM (z) UCL	1.666	95% KM Bootstrap t UCL	4.352
90% KM Chebyshev UCL	2.274	95% KM Chebyshev UCL	2.883
97.5% KM Chebyshev UCL	3.73	99% KM Chebyshev UCL	5.392

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	2.657	Anderson-Darling GOF Test
5% A-D Critical Value	0.831	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.267	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.187	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.395	k star (bias corrected MLE)	0.374
Theta hat (MLE)	4.552	Theta star (bias corrected MLE)	4.804
nu hat (MLE)	19.73	nu star (bias corrected)	18.7
MLE Mean (bias corrected)	1.797	MLE Sd (bias corrected)	2.938

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.0891	nu hat (KM)	8.913
Approximate Chi Square Value (8.91, α)	3.274	Adjusted Chi Square Value (8.91, β)	3.173
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	2.526	95% Gamma Adjusted KM-UCL (use when $n < 50$)	2.606

Gamma (KM) may not be used when k hat (KM) is < 0.1 **Gamma ROS Statistics using Imputed Non-Detects**GROS may not be used when data set has $> 50\%$ NDs with many tied observations at multiple DLsGROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.903
Maximum	16.2	Median	0.0295
SD	3.147	CV	3.483
k hat (MLE)	0.258	k star (bias corrected MLE)	0.256
Theta hat (MLE)	3.506	Theta star (bias corrected MLE)	3.535
nu hat (MLE)	25.77	nu star (bias corrected)	25.55
MLE Mean (bias corrected)	0.903	MLE Sd (bias corrected)	1.787
		Adjusted Level of Significance (β)	0.0452
Approximate Chi Square Value (25.55, α)	15.04	Adjusted Chi Square Value (25.55, β)	14.79
95% Gamma Approximate UCL (use when $n \geq 50$)	1.535	95% Gamma Adjusted UCL (use when $n < 50$)	1.56

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.872	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.918	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.206	Lilliefors GOF Test
5% Lilliefors Critical Value	0.177	Detected Data Not Lognormal at 5% Significance Level

Detected Data Not Lognormal at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.909	Mean in Log Scale	-2.621
SD in Original Scale	3.145	SD in Log Scale	2.028
95% t UCL (assumes normality of ROS data)	1.654	95% Percentile Bootstrap UCL	1.659
95% BCA Bootstrap UCL	2.17	95% Bootstrap t UCL	4.168
95% H-UCL (Log ROS)	1.643		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	0.925
SD in Original Scale	3.14
95% t UCL (Assumes normality)	1.67

DL/2 Log-Transformed

Mean in Log Scale	-2.047
SD in Log Scale	1.553
95% H-Stat UCL	0.84

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Data do not follow a Discernible Distribution at 5% Significance Level****Suggested UCL to Use****97.5% KM (Chebyshev) UCL 3.73**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

COBALT, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	15	Number of Distinct Observations	15
Number of Detects	14	Number of Non-Detects	1
Number of Distinct Detects	14	Number of Distinct Non-Detects	1
Minimum Detect	4	Minimum Non-Detect	0.75
Maximum Detect	10.6	Maximum Non-Detect	0.75
Variance Detects	5.71	Percent Non-Detects	6.667%
Mean Detects	6.843	SD Detects	2.39
Median Detects	6.55	CV Detects	0.349
Skewness Detects	0.396	Kurtosis Detects	-1.308
Mean of Logged Detects	1.866	SD of Logged Detects	0.352

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.906
5% Shapiro Wilk Critical Value	0.874
Lilliefors Test Statistic	0.149
5% Lilliefors Critical Value	0.237

Shapiro Wilk GOF Test

Detected Data appear Normal at 5% Significance Level

Lilliefors GOF Test

Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	6.437	Standard Error of Mean	0.722
SD	2.694	95% KM (BCA) UCL	7.62
95% KM (t) UCL	7.708	95% KM (Percentile Bootstrap) UCL	7.54
95% KM (z) UCL	7.624	95% KM Bootstrap t UCL	7.706
90% KM Chebyshev UCL	8.602	95% KM Chebyshev UCL	9.583
97.5% KM Chebyshev UCL	10.94	99% KM Chebyshev UCL	13.62

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.419	Anderson-Darling GOF Test
5% A-D Critical Value	0.735	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.154	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.229	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	8.898	k star (bias corrected MLE)	7.039
Theta hat (MLE)	0.769	Theta star (bias corrected MLE)	0.972
nu hat (MLE)	249.1	nu star (bias corrected)	197.1
MLE Mean (bias corrected)	6.843	MLE Sd (bias corrected)	2.579

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	5.708	nu hat (KM)	171.2
Approximate Chi Square Value (171.23, α)	142	Adjusted Chi Square Value (171.23, β)	138.7
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	7.763	95% Gamma Adjusted KM-UCL (use when $n < 50$)	7.947

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	2.112	Mean	6.527
Maximum	10.6	Median	6.3
SD	2.607	CV	0.399
k hat (MLE)	6.071	k star (bias corrected MLE)	4.902
Theta hat (MLE)	1.075	Theta star (bias corrected MLE)	1.332
nu hat (MLE)	182.1	nu star (bias corrected)	147
MLE Mean (bias corrected)	6.527	MLE Sd (bias corrected)	2.948
		Adjusted Level of Significance (β)	0.0324
Approximate Chi Square Value (147.05, α)	120	Adjusted Chi Square Value (147.05, β)	117
95% Gamma Approximate UCL (use when $n \geq 50$)	7.997	95% Gamma Adjusted UCL (use when $n < 50$)	8.203

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.92	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.874	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.141	Lilliefors GOF Test
5% Lilliefors Critical Value	0.237	Detected Data appear Lognormal at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey*

UCL Statistics for Data Sets with Non-Detects
Detected Data appear Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	6.569	Mean in Log Scale	1.808
SD in Original Scale	2.536	SD in Log Scale	0.406
95% t UCL (assumes normality of ROS data)	7.722	95% Percentile Bootstrap UCL	7.693
95% BCA Bootstrap UCL	7.64	95% Bootstrap t UCL	7.864
95% H-UCL (Log ROS)	8.208		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	1.722	95% H-UCL (KM -Log)	9.908
KM SD (logged)	0.629	95% Critical H Value (KM-Log)	2.217
KM Standard Error of Mean (logged)	0.169		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	6.412
SD in Original Scale	2.845
95% t UCL (Assumes normality)	7.705

DL/2 Log-Transformed

Mean in Log Scale	1.676
SD in Log Scale	0.81
95% H-Stat UCL	12.62

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	7.708	95% KM (Percentile Bootstrap) UCL	7.54
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

CYANIDE, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	12	Number of Distinct Observations	11
Number of Detects	1	Number of Non-Detects	11
Number of Distinct Detects	1	Number of Distinct Non-Detects	10

Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).****The data set for variable CYANIDE, TOTAL (mg/kg) was not processed!****IRON, TOTAL (mg/kg)**

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****General Statistics**

Total Number of Observations	15	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	8280	Mean	31325
Maximum	53900	Median	32600
SD	14435	Std. Error of Mean	3727
Coefficient of Variation	0.461	Skewness	0.025

Normal GOF Test

Shapiro Wilk Test Statistic	0.942	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.881	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.162	Lilliefors GOF Test
5% Lilliefors Critical Value	0.229	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 37890

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 37482

95% Modified-t UCL (Johnson-1978) 37894

Gamma GOF Test

A-D Test Statistic	0.418	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.74	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.164	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.222	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	4.241	k star (bias corrected MLE)	3.438
Theta hat (MLE)	7386	Theta star (bias corrected MLE)	9113
nu hat (MLE)	127.2	nu star (bias corrected)	103.1
MLE Mean (bias corrected)	31325	MLE Sd (bias corrected)	16895
		Approximate Chi Square Value (0.05)	80.7
Adjusted Level of Significance	0.0324	Adjusted Chi Square Value	78.25

Assuming Gamma Distribution95% Approximate Gamma UCL (use when $n \geq 50$) 4003395% Adjusted Gamma UCL (use when $n < 50$) 41282**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.922	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.881	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.188	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.229	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Minimum of Logged Data	9.022	Mean of logged Data	10.23
Maximum of Logged Data	10.89	SD of logged Data	0.546

Assuming Lognormal Distribution

95% H-UCL	43844	90% Chebyshev (MVUE) UCL	45760
95% Chebyshev (MVUE) UCL	52075	97.5% Chebyshev (MVUE) UCL	60839
99% Chebyshev (MVUE) UCL	78056		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	37456	95% Jackknife UCL	37890
95% Standard Bootstrap UCL	37312	95% Bootstrap-t UCL	37838
95% Hall's Bootstrap UCL	37224	95% Percentile Bootstrap UCL	36920
95% BCA Bootstrap UCL	37207		
90% Chebyshev(Mean, Sd) UCL	42507	95% Chebyshev(Mean, Sd) UCL	47571
97.5% Chebyshev(Mean, Sd) UCL	54601	99% Chebyshev(Mean, Sd) UCL	68409

Suggested UCL to Use**95% Student's-t UCL 37890**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

MANGANESE, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	15	Number of Distinct Observations	15
		Number of Missing Observations	0
Minimum	13.6	Mean	149.7
Maximum	297	Median	157
SD	70	Std. Error of Mean	18.07
Coefficient of Variation	0.468	Skewness	-0.021

Normal GOF Test

Shapiro Wilk Test Statistic	0.963
5% Shapiro Wilk Critical Value	0.881
Lilliefors Test Statistic	0.152
5% Lilliefors Critical Value	0.229

Shapiro Wilk GOF Test

Data appear Normal at 5% Significance Level

Lilliefors GOF Test

Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL****95% UCLs (Adjusted for Skewness)**

Attachment H-3

ProUCL Output - Surface Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

95% Student's-t UCL	181.5	95% Adjusted-CLT UCL (Chen-1995)	179.3
		95% Modified-t UCL (Johnson-1978)	181.5

Gamma GOF Test

A-D Test Statistic	0.898	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.745	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.248	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.223	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	2.937	k star (bias corrected MLE)	2.394
Theta hat (MLE)	50.97	Theta star (bias corrected MLE)	62.53
nu hat (MLE)	88.1	nu star (bias corrected)	71.81
MLE Mean (bias corrected)	149.7	MLE Sd (bias corrected)	96.75
		Approximate Chi Square Value (0.05)	53.3
Adjusted Level of Significance	0.0324	Adjusted Chi Square Value	51.34

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when $n \geq 50$)	201.7	95% Adjusted Gamma UCL (use when $n < 50$)	209.4
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Lognormal GOF Test

Shapiro Wilk Test Statistic	0.766	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.881	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.3	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.229	Data Not Lognormal at 5% Significance Level

Data Not Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	2.61	Mean of logged Data	4.829
Maximum of Logged Data	5.694	SD of logged Data	0.76

Assuming Lognormal Distribution

95% H-UCL	270.9	90% Chebyshev (MVUE) UCL	264.8
95% Chebyshev (MVUE) UCL	310.9	97.5% Chebyshev (MVUE) UCL	375
99% Chebyshev (MVUE) UCL	500.7		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	179.4	95% Jackknife UCL	181.5
95% Standard Bootstrap UCL	179.2	95% Bootstrap-t UCL	180.7
95% Hall's Bootstrap UCL	181.8	95% Percentile Bootstrap UCL	179.1
95% BCA Bootstrap UCL	179.4		
90% Chebyshev(Mean, Sd) UCL	203.9	95% Chebyshev(Mean, Sd) UCL	228.5
97.5% Chebyshev(Mean, Sd) UCL	262.6	99% Chebyshev(Mean, Sd) UCL	329.5

Attachment H-3

ProUCL Output - Surface Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Suggested UCL to Use**

95% Student's-t UCL 181.5

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

Note: For highly negatively-skewed data, confidence limits (e.g., Chen, Johnson, Lognormal, and Gamma) may not be reliable. Chen's and Johnson's methods provide adjustments for positively skewed data sets.

MERCURY, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	53	Number of Distinct Observations	38
Number of Detects	34	Number of Non-Detects	19
Number of Distinct Detects	30	Number of Distinct Non-Detects	12
Minimum Detect	0.1	Minimum Non-Detect	0.079
Maximum Detect	2.4	Maximum Non-Detect	0.25
Variance Detects	0.371	Percent Non-Detects	35.85%
Mean Detects	0.625	SD Detects	0.609
Median Detects	0.29	CV Detects	0.974
Skewness Detects	1.498	Kurtosis Detects	1.318
Mean of Logged Detects	-0.865	SD of Logged Detects	0.875

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.769	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.933	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.245	Lilliefors GOF Test
5% Lilliefors Critical Value	0.152	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	0.431	Standard Error of Mean	0.0762
SD	0.546	95% KM (BCA) UCL	0.564
95% KM (t) UCL	0.559	95% KM (Percentile Bootstrap) UCL	0.562
95% KM (z) UCL	0.556	95% KM Bootstrap t UCL	0.585
90% KM Chebyshev UCL	0.66	95% KM Chebyshev UCL	0.763
97.5% KM Chebyshev UCL	0.907	99% KM Chebyshev UCL	1.189

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.606	Anderson-Darling GOF Test
5% A-D Critical Value	0.768	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.214	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.154	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.41	k star (bias corrected MLE)	1.305
Theta hat (MLE)	0.443	Theta star (bias corrected MLE)	0.479
nu hat (MLE)	95.86	nu star (bias corrected)	88.74
MLE Mean (bias corrected)	0.625	MLE Sd (bias corrected)	0.547

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.622	nu hat (KM)	65.98
Approximate Chi Square Value (65.98, α)	48.29	Adjusted Chi Square Value (65.98, β)	47.87
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.589	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.594

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.405
Maximum	2.4	Median	0.21
SD	0.569	CV	1.407
k hat (MLE)	0.49	k star (bias corrected MLE)	0.475
Theta hat (MLE)	0.826	Theta star (bias corrected MLE)	0.852
nu hat (MLE)	51.93	nu star (bias corrected)	50.32
MLE Mean (bias corrected)	0.405	MLE Sd (bias corrected)	0.587
		Adjusted Level of Significance (β)	0.0455
Approximate Chi Square Value (50.32, α)	35.03	Adjusted Chi Square Value (50.32, β)	34.68
95% Gamma Approximate UCL (use when $n \geq 50$)	0.581	95% Gamma Adjusted UCL (use when $n < 50$)	0.587

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.923	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.933	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.18	Lilliefors GOF Test
5% Lilliefors Critical Value	0.152	Detected Data Not Lognormal at 5% Significance Level

Detected Data Not Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.422	Mean in Log Scale	-1.584
SD in Original Scale	0.557	SD in Log Scale	1.214
95% t UCL (assumes normality of ROS data)	0.551	95% Percentile Bootstrap UCL	0.559
95% BCA Bootstrap UCL	0.574	95% Bootstrap t UCL	0.581
95% H-UCL (Log ROS)	0.663		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	0.422
SD in Original Scale	0.557
95% t UCL (Assumes normality)	0.55

DL/2 Log-Transformed

Mean in Log Scale	-1.587
SD in Log Scale	1.214
95% H-Stat UCL	0.661

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****DL/2 is not a recommended method, provided for comparisons and historical reasons****Nonparametric Distribution Free UCL Statistics****Data do not follow a Discernible Distribution at 5% Significance Level****Suggested UCL to Use**

95% KM (BCA) UCL 0.564

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

THALLIUM, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	53	Number of Distinct Observations	26
Number of Detects	9	Number of Non-Detects	44
Number of Distinct Detects	8	Number of Distinct Non-Detects	23
Minimum Detect	0.99	Minimum Non-Detect	0.16
Maximum		Maximum Non-Detect	4.1
Variance		Percent Non-Detects	83.02%
Mean Detects	1.799	SD Detects	0.723
Median Detects	1.7	CV Detects	0.402
Skewness Detects	1.386	Kurtosis Detects	2.604
Mean of Logged Detects	0.523	SD of Logged Detects	0.373

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.886	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.221	Lilliefors GOF Test
5% Lilliefors Critical Value	0.295	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.608	Standard Error of Mean	0.142
SD	0.731	95% KM (BCA) UCL	1.187
95% KM (t) UCL	0.847	95% KM (Percentile Bootstrap) UCL	1.119
95% KM (z) UCL	0.842	95% KM Bootstrap t UCL	0.857
90% KM Chebyshev UCL	1.035	95% KM Chebyshev UCL	1.229
97.5% KM Chebyshev UCL	1.498	99% KM Chebyshev UCL	2.025

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.267	Anderson-Darling GOF Test
5% A-D Critical Value	0.722	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.182	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.28	Detected data appear Gamma Distributed at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Detected data appear Gamma Distributed at 5% Significance Level****Gamma Statistics on Detected Data Only**

k hat (MLE)	7.957	k star (bias corrected MLE)	5.379
Theta hat (MLE)	0.226	Theta star (bias corrected MLE)	0.334
nu hat (MLE)	143.2	nu star (bias corrected)	96.82
MLE Mean (bias corrected)	1.799	MLE Sd (bias corrected)	0.776

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.693	nu hat (KM)	73.47
Approximate Chi Square Value (73.47, α)	54.73	Adjusted Chi Square Value (73.47, β)	54.28
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.816	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.823

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.488
Maximum	3.4	Median	0.255
SD	0.701	CV	1.438
k hat (MLE)	0.462	k star (bias corrected MLE)	0.448
Theta hat (MLE)	1.056	Theta star (bias corrected MLE)	1.088
nu hat (MLE)	48.95	nu star (bias corrected)	47.51
MLE Mean (bias corrected)	0.488	MLE Sd (bias corrected)	0.728
		Adjusted Level of Significance (β)	0.0455
Approximate Chi Square Value (47.51, α)	32.69	Adjusted Chi Square Value (47.51, β)	32.35
95% Gamma Approximate UCL (use when $n \geq 50$)	0.709	95% Gamma Adjusted UCL (use when $n < 50$)	0.716

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.965	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.159	Lilliefors GOF Test
5% Lilliefors Critical Value	0.295	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.811	Mean in Log Scale	-0.357
SD in Original Scale	0.556	SD in Log Scale	0.505
95% t UCL (assumes normality of ROS data)	0.939	95% Percentile Bootstrap UCL	0.942
95% BCA Bootstrap UCL	0.976	95% Bootstrap t UCL	1.004
95% H-UCL (Log ROS)	0.907		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-1.111	95% H-UCL (KM -Log)	0.801
KM SD (logged)	1.045	95% Critical H Value (KM-Log)	2.369
KM Standard Error of Mean (logged)	0.243		

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

DL/2 Statistics			
DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	0.985	Mean in Log Scale	-0.197
SD in Original Scale	0.595	SD in Log Scale	0.664
95% t UCL (Assumes normality)	1.121	95% H-Stat UCL	1.231

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level**

Suggested UCL to Use			
95% KM (t) UCL	0.847	95% KM (Percentile Bootstrap) UCL	1.119

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

VANADIUM, TOTAL (mg/kg)

General Statistics			
Total Number of Observations	15	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	10.6	Mean	48.08
Maximum	86.4	Median	52.9
SD	26.24	Std. Error of Mean	6.775
Coefficient of Variation	0.546	Skewness	-0.0297

Normal GOF Test		Shapiro Wilk GOF Test	
Shapiro Wilk Test Statistic	0.889	Data appear Normal at 5% Significance Level	
5% Shapiro Wilk Critical Value	0.881		
Lilliefors Test Statistic	0.203	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.229	Data appear Normal at 5% Significance Level	

Data appear Normal at 5% Significance Level**Assuming Normal Distribution**

95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	60.01	95% Adjusted-CLT UCL (Chen-1995)	59.17
		95% Modified-t UCL (Johnson-1978)	60

Gamma GOF Test			
A-D Test Statistic	0.78	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.745	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.177	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.223	Detected data appear Gamma Distributed at 5% Significance Level	

Attachment H-3

ProUCL Output - Surface Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Detected data follow Appr. Gamma Distribution at 5% Significance Level**

Gamma Statistics			
k hat (MLE)	2.906	k star (bias corrected MLE)	2.369
Theta hat (MLE)	16.54	Theta star (bias corrected MLE)	20.29
nu hat (MLE)	87.19	nu star (bias corrected)	71.08
MLE Mean (bias corrected)	48.08	MLE Sd (bias corrected)	31.23
		Approximate Chi Square Value (0.05)	52.67
Adjusted Level of Significance	0.0324	Adjusted Chi Square Value	50.72

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when $n \geq 50$)	64.89	95% Adjusted Gamma UCL (use when $n < 50$)	67.38
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Lognormal GOF Test

Shapiro Wilk Test Statistic	0.881	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.881	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.194	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.229	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	2.361	Mean of logged Data	3.691
Maximum of Logged Data	4.459	SD of logged Data	0.67

Assuming Lognormal Distribution

95% H-UCL	75.33	90% Chebyshev (MVUE) UCL	76.19
95% Chebyshev (MVUE) UCL	88.36	97.5% Chebyshev (MVUE) UCL	105.3
99% Chebyshev (MVUE) UCL	138.5		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	59.22	95% Jackknife UCL	60.01
95% Standard Bootstrap UCL	58.83	95% Bootstrap-t UCL	60.37
95% Hall's Bootstrap UCL	58.18	95% Percentile Bootstrap UCL	58.67
95% BCA Bootstrap UCL	59.27		
90% Chebyshev(Mean, Sd) UCL	68.4	95% Chebyshev(Mean, Sd) UCL	77.61
97.5% Chebyshev(Mean, Sd) UCL	90.39	99% Chebyshev(Mean, Sd) UCL	115.5

Suggested UCL to Use**95% Student's-t UCL 60.01**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

Attachment H-3

ProUCL Output - Surface Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

Note: For highly negatively-skewed data, confidence limits (e.g., Chen, Johnson, Lognormal, and Gamma) may not be reliable. Chen's and Johnson's methods provide adjustments for positively skewed data sets.

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****ALUMINUM, TOTAL (mg/kg)****General Statistics**

Total Number of Observations	17	Number of Distinct Observations	17
		Number of Missing Observations	0
Minimum	1790	Mean	13014
Maximum	28700	Median	11400
SD	9058	Std. Error of Mean	2197
Coefficient of Variation	0.696	Skewness	0.443

Normal GOF Test

Shapiro Wilk Test Statistic	0.904	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.892	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.193	Lilliefors GOF Test
5% Lilliefors Critical Value	0.215	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL****95% Student's-t UCL 16850****95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995) 16880

95% Modified-t UCL (Johnson-1978) 16889

Gamma GOF Test

A-D Test Statistic	0.424	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.751	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.165	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.212	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	1.866	k star (bias corrected MLE)	1.576
Theta hat (MLE)	6973	Theta star (bias corrected MLE)	8256
nu hat (MLE)	63.46	nu star (bias corrected)	53.59
MLE Mean (bias corrected)	13014	MLE Sd (bias corrected)	10366
		Approximate Chi Square Value (0.05)	37.77
Adjusted Level of Significance	0.0346	Adjusted Chi Square Value	36.38

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)) 18464

95% Adjusted Gamma UCL (use when n<50) 19170

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.934	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.892	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.158	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.215	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Lognormal Statistics**

Minimum of Logged Data	7.49	Mean of logged Data	9.183
Maximum of Logged Data	10.26	SD of logged Data	0.849

Assuming Lognormal Distribution

95% H-UCL	23345	90% Chebyshev (MVUE) UCL	22634
95% Chebyshev (MVUE) UCL	26741	97.5% Chebyshev (MVUE) UCL	32441
99% Chebyshev (MVUE) UCL	43637		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	16628	95% Jackknife UCL	16850
95% Standard Bootstrap UCL	16517	95% Bootstrap-t UCL	17102
95% Hall's Bootstrap UCL	16631	95% Percentile Bootstrap UCL	16579
95% BCA Bootstrap UCL	16824		
90% Chebyshev(Mean, Sd) UCL	19605	95% Chebyshev(Mean, Sd) UCL	22590
97.5% Chebyshev(Mean, Sd) UCL	26734	99% Chebyshev(Mean, Sd) UCL	34873

Suggested UCL to Use**95% Student's-t UCL 16850**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

ANTIMONY, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	64	Number of Distinct Observations	35
Number of Detects	17	Number of Non-Detects	47
Number of Distinct Detects	16	Number of Distinct Non-Detects	26
Minimum Detect	1.2	Minimum Non-Detect	0.71
Maximum Detect	33.8	Maximum Non-Detect	7.8
Variance Detects	75.57	Percent Non-Detects	73.44%
Mean Detects	5.665	SD Detects	8.693
Median Detects	2.6	CV Detects	1.535
Skewness Detects	2.791	Kurtosis Detects	7.453
Mean of Logged Detects	1.17	SD of Logged Detects	0.927

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.53
5% Shapiro Wilk Critical Value	0.892

Shapiro Wilk GOF Test

Detected Data Not Normal at 5% Significance Level

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Lilliefors Test Statistic	0.372	Lilliefors GOF Test
5% Lilliefors Critical Value	0.215	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	2.088	Standard Error of Mean	0.627
SD	4.857	95% KM (BCA) UCL	3.288
95% KM (t) UCL	3.134	95% KM (Percentile Bootstrap) UCL	3.18
95% KM (z) UCL	3.119	95% KM Bootstrap t UCL	6.191
90% KM Chebyshev UCL	3.968	95% KM Chebyshev UCL	4.82
97.5% KM Chebyshev UCL	6.003	99% KM Chebyshev UCL	8.326

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.886	Anderson-Darling GOF Test
5% A-D Critical Value	0.766	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.268	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.215	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.02	k star (bias corrected MLE)	0.879
Theta hat (MLE)	5.555	Theta star (bias corrected MLE)	6.444
nu hat (MLE)	34.67	nu star (bias corrected)	29.89
MLE Mean (bias corrected)	5.665	MLE Sd (bias corrected)	6.042

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.185	nu hat (KM)	23.64
Approximate Chi Square Value (23.64, α)	13.58	Adjusted Chi Square Value (23.64, β)	13.4
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	3.635	95% Gamma Adjusted KM-UCL (use when $n < 50$)	3.683

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	1.512
Maximum	33.8	Median	0.01
SD	5.053	CV	3.342
k hat (MLE)	0.21	k star (bias corrected MLE)	0.21
Theta hat (MLE)	7.213	Theta star (bias corrected MLE)	7.192
nu hat (MLE)	26.83	nu star (bias corrected)	26.91
MLE Mean (bias corrected)	1.512	MLE Sd (bias corrected)	3.298
		Adjusted Level of Significance (β)	0.0463
Approximate Chi Square Value (26.91, α)	16.08	Adjusted Chi Square Value (26.91, β)	15.89
95% Gamma Approximate UCL (use when $n \geq 50$)	2.53	95% Gamma Adjusted UCL (use when $n < 50$)	2.561

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.843	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.892	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.195	Lilliefors GOF Test
5% Lilliefors Critical Value	0.215	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Approximate Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.709	Mean in Log Scale	-0.783
SD in Original Scale	4.997	SD in Log Scale	1.396
95% t UCL (assumes normality of ROS data)	2.752	95% Percentile Bootstrap UCL	2.807
95% BCA Bootstrap UCL	3.338	95% Bootstrap t UCL	5.497
95% H-UCL (Log ROS)	1.821		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	0.113	95% H-UCL (KM -Log)	1.932
KM SD (logged)	0.813	95% Critical H Value (KM-Log)	2.105
KM Standard Error of Mean (logged)	0.109		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	2.113
SD in Original Scale	4.906
95% t UCL (Assumes normality)	3.137

DL/2 Log-Transformed

Mean in Log Scale	0.0688
SD in Log Scale	0.918
95% H-Stat UCL	2.105

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Approximate Lognormal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	3.134	95% KM (% Bootstrap) UCL	3.18
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

ARSENIC, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	66	Number of Distinct Observations	62
		Number of Missing Observations	0
Minimum	1.9	Mean	46.36
Maximum	238	Median	27.45
SD	51.09	Std. Error of Mean	6.289

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Coefficient of Variation	1.102	Skewness	1.695
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Normal GOF Test

Shapiro Wilk Test Statistic	0.793
5% Shapiro Wilk P Value	1.793E-12
Lilliefors Test Statistic	0.192
5% Lilliefors Critical Value	0.109

Shapiro Wilk GOF Test

Data Not Normal at 5% Significance Level

Lilliefors GOF Test

Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL	56.85
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95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	58.1
95% Modified-t UCL (Johnson-1978)	57.07

Gamma GOF Test

A-D Test Statistic	0.953
5% A-D Critical Value	0.783
K-S Test Statistic	0.111
5% K-S Critical Value	0.113

Anderson-Darling Gamma GOF Test

Data Not Gamma Distributed at 5% Significance Level

Kolmogrov-Smirnoff Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level**Gamma Statistics**

k hat (MLE)	0.937
Theta hat (MLE)	49.49
nu hat (MLE)	123.6
MLE Mean (bias corrected)	46.36
Adjusted Level of Significance	0.0464

k star (bias corrected MLE)	0.904
Theta star (bias corrected MLE)	51.27
nu star (bias corrected)	119.3
MLE Sd (bias corrected)	48.75
Approximate Chi Square Value (0.05)	95.12
Adjusted Chi Square Value	94.64

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when $n \geq 50$)	58.16
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95% Adjusted Gamma UCL (use when $n < 50$)	58.46
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Lognormal GOF Test

Shapiro Wilk Test Statistic	0.956
5% Shapiro Wilk P Value	0.0485
Lilliefors Test Statistic	0.0917
5% Lilliefors Critical Value	0.109

Shapiro Wilk Lognormal GOF Test

Data Not Lognormal at 5% Significance Level

Lilliefors Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Data appear Approximate Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	0.642
Maximum of Logged Data	5.472

Mean of logged Data	3.215
SD of logged Data	1.192

Assuming Lognormal Distribution

95% H-UCL	70.31
95% Chebyshev (MVUE) UCL	89.61

90% Chebyshev (MVUE) UCL	77.19
97.5% Chebyshev (MVUE) UCL	106.8

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

99% Chebyshev (MVUE) UCL 140.7

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	56.7	95% Jackknife UCL	56.85
95% Standard Bootstrap UCL	56.81	95% Bootstrap-t UCL	58.75
95% Hall's Bootstrap UCL	58.75	95% Percentile Bootstrap UCL	56.64
95% BCA Bootstrap UCL	57.95		
90% Chebyshev(Mean, Sd) UCL	65.22	95% Chebyshev(Mean, Sd) UCL	73.77
97.5% Chebyshev(Mean, Sd) UCL	85.63	99% Chebyshev(Mean, Sd) UCL	108.9

Suggested UCL to Use

95% Approximate Gamma UCL 58.16

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

BEQ (mg/kg)**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	49
Number of Detects	39	Number of Non-Detects	11
Number of Distinct Detects	39	Number of Distinct Non-Detects	10
Minimum Detect	0.279	Minimum Non-Detect	0.404
Maximum Detect	1.417	Maximum Non-Detect	1.618
Variance Detects	0.0524	Percent Non-Detects	22%
Mean Detects	0.586	SD Detects	0.229
Median Detects	0.513	CV Detects	0.391
Skewness Detects	1.554	Kurtosis Detects	3.618
Mean of Logged Detects	-0.6	SD of Logged Detects	0.356

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.875	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.939	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.158	Lilliefors GOF Test
5% Lilliefors Critical Value	0.142	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.553	Standard Error of Mean	0.0323
SD	0.218	95% KM (BCA) UCL	0.609
95% KM (t) UCL	0.607	95% KM (Percentile Bootstrap) UCL	0.61

Attachment H-3

ProUCL Output - Total Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

95% KM (z) UCL	0.606	95% KM Bootstrap t UCL	0.615
90% KM Chebyshev UCL	0.65	95% KM Chebyshev UCL	0.694
97.5% KM Chebyshev UCL	0.755	99% KM Chebyshev UCL	0.874

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.704	Anderson-Darling GOF Test
5% A-D Critical Value	0.749	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.142	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.141	Detected Data Not Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	7.924	k star (bias corrected MLE)	7.332
Theta hat (MLE)	0.0739	Theta star (bias corrected MLE)	0.0799
nu hat (MLE)	618.1	nu star (bias corrected)	571.9
MLE Mean (bias corrected)	0.586	MLE Sd (bias corrected)	0.216

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	6.466	nu hat (KM)	646.6
Approximate Chi Square Value (646.62, α)	588.6	Adjusted Chi Square Value (646.62, β)	587
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.608	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.609

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.275	Mean	0.55
Maximum	1.417	Median	0.479
SD	0.216	CV	0.393
k hat (MLE)	8.074	k star (bias corrected MLE)	7.603
Theta hat (MLE)	0.0681	Theta star (bias corrected MLE)	0.0724
nu hat (MLE)	807.4	nu star (bias corrected)	760.3
MLE Mean (bias corrected)	0.55	MLE Sd (bias corrected)	0.199
		Adjusted Level of Significance (β)	0.0452
Approximate Chi Square Value (760.27, α)	697.3	Adjusted Chi Square Value (760.27, β)	695.5
95% Gamma Approximate UCL (use when $n \geq 50$)	0.6	95% Gamma Adjusted UCL (use when $n < 50$)	0.601

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.964	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.939	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.125	Lilliefors GOF Test
5% Lilliefors Critical Value	0.142	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Mean in Original Scale	0.552	Mean in Log Scale	-0.654
SD in Original Scale	0.214	SD in Log Scale	0.339
95% t UCL (assumes normality of ROS data)	0.603	95% Percentile Bootstrap UCL	0.605
95% BCA Bootstrap UCL	0.612	95% Bootstrap t UCL	0.611
95% H-UCL (Log ROS)	0.601		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-0.657	95% H-UCL (KM -Log)	0.604
KM SD (logged)	0.352	95% Critical H Value (KM-Log)	1.813
KM Standard Error of Mean (logged)	0.0535		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	0.535
SD in Original Scale	0.238
95% t UCL (Assumes normality)	0.591

DL/2 Log-Transformed

Mean in Log Scale	-0.715
SD in Log Scale	0.427
95% H-Stat UCL	0.6

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Approximate Gamma Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (Percentile Bootstrap) UCL	0.61	95% GROS Approximate Gamma UCL	0.6
95% Approximate Gamma KM-UCL	0.608		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

CADMIUM, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	61	Number of Distinct Observations	39
Number of Detects	35	Number of Non-Detects	26
Number of Distinct Detects	28	Number of Distinct Non-Detects	18
Minimum Detect	0.049	Minimum Non-Detect	0.045
Maximum Detect	16.2	Maximum Non-Detect	0.21
Variance Detects	13.67	Percent Non-Detects	42.62%
Mean Detects	1.327	SD Detects	3.697
Median Detects	0.14	CV Detects	2.786
Skewness Detects	3.732	Kurtosis Detects	13.29
Mean of Logged Detects	-1.389	SD of Logged Detects	1.532

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.375
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Shapiro Wilk GOF Test

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

5% Shapiro Wilk Critical Value	0.934	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.396	Lilliefors GOF Test
5% Lilliefors Critical Value	0.15	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.789	Standard Error of Mean	0.368
SD	2.83	95% KM (BCA) UCL	1.48
95% KM (t) UCL	1.403	95% KM (Percentile Bootstrap) UCL	1.456
95% KM (z) UCL	1.394	95% KM Bootstrap t UCL	3.672
90% KM Chebyshev UCL	1.892	95% KM Chebyshev UCL	2.391
97.5% KM Chebyshev UCL	3.085	99% KM Chebyshev UCL	4.447

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	4.684	Anderson-Darling GOF Test
5% A-D Critical Value	0.836	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.296	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.159	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.394	k star (bias corrected MLE)	0.38
Theta hat (MLE)	3.364	Theta star (bias corrected MLE)	3.494
nu hat (MLE)	27.61	nu star (bias corrected)	26.58
MLE Mean (bias corrected)	1.327	MLE Sd (bias corrected)	2.153

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.0777	nu hat (KM)	9.481
Approximate Chi Square Value (9.48, α)	3.62	Adjusted Chi Square Value (9.48, β)	3.533
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	2.066	95% Gamma Adjusted KM-UCL (use when $n < 50$)	2.117

Gamma (KM) may not be used when k hat (KM) is < 0.1**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.766
Maximum	16.2	Median	0.07
SD	2.86	CV	3.735
k hat (MLE)	0.28	k star (bias corrected MLE)	0.277
Theta hat (MLE)	2.736	Theta star (bias corrected MLE)	2.764
nu hat (MLE)	34.14	nu star (bias corrected)	33.79
MLE Mean (bias corrected)	0.766	MLE Sd (bias corrected)	1.455
		Adjusted Level of Significance (β)	0.0461
Approximate Chi Square Value (33.79, α)	21.5	Adjusted Chi Square Value (33.79, β)	21.26

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% Gamma Approximate UCL (use when n>=50)	1.203	95% Gamma Adjusted UCL (use when n<50)	1.217
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Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.83	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.934	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.213	Lilliefors GOF Test
5% Lilliefors Critical Value	0.15	Detected Data Not Lognormal at 5% Significance Level

Detected Data Not Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.776	Mean in Log Scale	-2.318
SD in Original Scale	2.857	SD in Log Scale	1.656
95% t UCL (assumes normality of ROS data)	1.388	95% Percentile Bootstrap UCL	1.438
95% BCA Bootstrap UCL	1.709	95% Bootstrap t UCL	3.592
95% H-UCL (Log ROS)	0.693		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	0.785
SD in Original Scale	2.855
95% t UCL (Assumes normality)	1.396

DL/2 Log-Transformed

Mean in Log Scale	-2.069
SD in Log Scale	1.429
95% H-Stat UCL	0.55

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Data do not follow a Discernible Distribution at 5% Significance Level****Suggested UCL to Use**

97.5% KM (Chebyshev) UCL 3.085

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

COBALT, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	17	Number of Distinct Observations	17
Number of Detects	16	Number of Non-Detects	1
Number of Distinct Detects	16	Number of Distinct Non-Detects	1
Minimum Detect	2.5	Minimum Non-Detect	0.75
Maximum Detect	10.6	Maximum Non-Detect	0.75
Variance Detects	6.784	Percent Non-Detects	5.882%
Mean Detects	6.35	SD Detects	2.605
Median Detects	5.95	CV Detects	0.41
Skewness Detects	0.372	Kurtosis Detects	-1.092

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Mean of Logged Detects	1.765	SD of Logged Detects	0.432
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Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.937	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.887	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.149	Lilliefors GOF Test
5% Lilliefors Critical Value	0.222	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	6.021	Standard Error of Mean	0.696
SD	2.779	95% KM (BCA) UCL	7.25
95% KM (t) UCL	7.236	95% KM (Percentile Bootstrap) UCL	7.156
95% KM (z) UCL	7.166	95% KM Bootstrap t UCL	7.265
90% KM Chebyshev UCL	8.109	95% KM Chebyshev UCL	9.055
97.5% KM Chebyshev UCL	10.37	99% KM Chebyshev UCL	12.95

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.264	Anderson-Darling GOF Test
5% A-D Critical Value	0.741	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.121	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.216	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	6.125	k star (bias corrected MLE)	5.018
Theta hat (MLE)	1.037	Theta star (bias corrected MLE)	1.265
nu hat (MLE)	196	nu star (bias corrected)	160.6
MLE Mean (bias corrected)	6.35	MLE Sd (bias corrected)	2.835

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	4.694	nu hat (KM)	159.6
Approximate Chi Square Value (159.60, α)	131.4	Adjusted Chi Square Value (159.60, β)	128.7
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	7.313	95% Gamma Adjusted KM-UCL (use when $n < 50$)	7.465

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	1.433	Mean	6.061
Maximum	10.6	Median	5.6
SD	2.79	CV	0.46
k hat (MLE)	4.331	k star (bias corrected MLE)	3.606
Theta hat (MLE)	1.399	Theta star (bias corrected MLE)	1.681
nu hat (MLE)	147.2	nu star (bias corrected)	122.6

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

MLE Mean (bias corrected)	6.061	MLE Sd (bias corrected)	3.192
		Adjusted Level of Significance (β)	0.0346
Approximate Chi Square Value (122.60, α)	98.03	Adjusted Chi Square Value (122.60, β)	95.73
95% Gamma Approximate UCL (use when $n \geq 50$)	7.58	95% Gamma Adjusted UCL (use when $n < 50$)	7.762

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.959	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.887	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.095	Lilliefors GOF Test
5% Lilliefors Critical Value	0.222	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	6.095	Mean in Log Scale	1.702
SD in Original Scale	2.732	SD in Log Scale	0.491
95% t UCL (assumes normality of ROS data)	7.252	95% Percentile Bootstrap UCL	7.179
95% BCA Bootstrap UCL	7.219	95% Bootstrap t UCL	7.34
95% H-UCL (Log ROS)	7.939		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	1.644	95% H-UCL (KM -Log)	8.901
KM SD (logged)	0.631	95% Critical H Value (KM-Log)	2.176
KM Standard Error of Mean (logged)	0.158		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	5.999
SD in Original Scale	2.909
95% t UCL (Assumes normality)	7.23

DL/2 Log-Transformed

Mean in Log Scale	1.603
SD in Log Scale	0.786
95% H-Stat UCL	10.73

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	7.236	95% KM (Percentile Bootstrap) UCL	7.156
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

CYANIDE, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	14	Number of Distinct Observations	12
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Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Number of Detects	1	Number of Non-Detects	13
Number of Distinct Detects	1	Number of Distinct Non-Detects	11

Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!

It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).

The data set for variable CYANIDE, TOTAL (mg/kg) was not processed!

IRON, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	17	Number of Distinct Observations	16
		Number of Missing Observations	0
Minimum	8280	Mean	29086
Maximum	53900	Median	31300
SD	14945	Std. Error of Mean	3625
Coefficient of Variation	0.514	Skewness	0.22

Normal GOF Test

Shapiro Wilk Test Statistic	0.925
5% Shapiro Wilk Critical Value	0.892
Lilliefors Test Statistic	0.169
5% Lilliefors Critical Value	0.215

Shapiro Wilk GOF Test

Data appear Normal at 5% Significance Level

Lilliefors GOF Test

Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level

Assuming Normal Distribution**95% Normal UCL**

95% Student's-t UCL 35414

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 35254

95% Modified-t UCL (Johnson-1978) 35446

Gamma GOF Test

A-D Test Statistic	0.455
5% A-D Critical Value	0.744
K-S Test Statistic	0.154
5% K-S Critical Value	0.21

Anderson-Darling Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Kolmogorov-Smirnoff Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	3.551	k star (bias corrected MLE)	2.963
Theta hat (MLE)	8192	Theta star (bias corrected MLE)	9815
nu hat (MLE)	120.7	nu star (bias corrected)	100.8
MLE Mean (bias corrected)	29086	MLE Sd (bias corrected)	16896
		Approximate Chi Square Value (0.05)	78.59
Adjusted Level of Significance	0.0346	Adjusted Chi Square Value	76.55

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when $n \geq 50$)	37286	95% Adjusted Gamma UCL (use when $n < 50$)	38284
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Lognormal GOF Test

Shapiro Wilk Test Statistic	0.928	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.892	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.176	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.215	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	9.022	Mean of logged Data	10.13
Maximum of Logged Data	10.89	SD of logged Data	0.589

Assuming Lognormal Distribution

95% H-UCL	40836	90% Chebyshev (MVUE) UCL	42709
95% Chebyshev (MVUE) UCL	48689	97.5% Chebyshev (MVUE) UCL	56990
99% Chebyshev (MVUE) UCL	73295		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	35048	95% Jackknife UCL	35414
95% Standard Bootstrap UCL	34844	95% Bootstrap-t UCL	35894
95% Hall's Bootstrap UCL	35363	95% Percentile Bootstrap UCL	34794
95% BCA Bootstrap UCL	34969		
90% Chebyshev(Mean, Sd) UCL	39960	95% Chebyshev(Mean, Sd) UCL	44885
97.5% Chebyshev(Mean, Sd) UCL	51722	99% Chebyshev(Mean, Sd) UCL	65150

Suggested UCL to Use**95% Student's-t UCL 35414****Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.**

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

MANGANESE, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	17	Number of Distinct Observations	17
		Number of Missing Observations	0
Minimum	13.6	Mean	139.7

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Maximum	297	Median	155
SD	72.07	Std. Error of Mean	17.48
Coefficient of Variation	0.516	Skewness	0.137

Normal GOF Test

Shapiro Wilk Test Statistic	0.969
5% Shapiro Wilk Critical Value	0.892
Lilliefors Test Statistic	0.113
5% Lilliefors Critical Value	0.215

Shapiro Wilk GOF Test

Data appear Normal at 5% Significance Level

Lilliefors GOF Test

Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL****95% Student's-t UCL** 170.3**95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995) 169.1

95% Modified-t UCL (Johnson-1978) 170.3

Gamma GOF Test

A-D Test Statistic	0.747
5% A-D Critical Value	0.747
K-S Test Statistic	0.2
5% K-S Critical Value	0.211

Anderson-Darling Gamma GOF Test

Data Not Gamma Distributed at 5% Significance Level

Kolmogrov-Smirnoff Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level**Gamma Statistics**

k hat (MLE)	2.623	k star (bias corrected MLE)	2.2
Theta hat (MLE)	53.26	Theta star (bias corrected MLE)	63.52
nu hat (MLE)	89.2	nu star (bias corrected)	74.79
MLE Mean (bias corrected)	139.7	MLE Sd (bias corrected)	94.22
		Approximate Chi Square Value (0.05)	55.87
Adjusted Level of Significance	0.0346	Adjusted Chi Square Value	54.16

Assuming Gamma Distribution95% Approximate Gamma UCL (use when $n \geq 50$) 18795% Adjusted Gamma UCL (use when $n < 50$) 193**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.833
5% Shapiro Wilk Critical Value	0.892
Lilliefors Test Statistic	0.246
5% Lilliefors Critical Value	0.215

Shapiro Wilk Lognormal GOF Test

Data Not Lognormal at 5% Significance Level

Lilliefors Lognormal GOF Test

Data Not Lognormal at 5% Significance Level

Data Not Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	2.61	Mean of logged Data	4.737
Maximum of Logged Data	5.694	SD of logged Data	0.777

Assuming Lognormal Distribution

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% H-UCL	243	90% Chebyshev (MVUE) UCL	242.5
95% Chebyshev (MVUE) UCL	283.9	97.5% Chebyshev (MVUE) UCL	341.4
99% Chebyshev (MVUE) UCL	454.4		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	168.5	95% Jackknife UCL	170.3
95% Standard Bootstrap UCL	167.4	95% Bootstrap-t UCL	170.9
95% Hall's Bootstrap UCL	173.3	95% Percentile Bootstrap UCL	168.8
95% BCA Bootstrap UCL	167.1		
90% Chebyshev(Mean, Sd) UCL	192.2	95% Chebyshev(Mean, Sd) UCL	215.9
97.5% Chebyshev(Mean, Sd) UCL	248.9	99% Chebyshev(Mean, Sd) UCL	313.7

Suggested UCL to Use

95% Student's-t UCL 170.3

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

MERCURY, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	64	Number of Distinct Observations	46
Number of Detects	38	Number of Non-Detects	26
Number of Distinct Detects	34	Number of Distinct Non-Detects	16
Minimum Detect	0.1	Minimum Non-Detect	0.079
Maximum Detect	2.4	Maximum Non-Detect	0.25
Variance Detects	0.344	Percent Non-Detects	40.63%
Mean Detects	0.592	SD Detects	0.586
Median Detects	0.29	CV Detects	0.99
Skewness Detects	1.637	Kurtosis Detects	1.856
Mean of Logged Detects	-0.912	SD of Logged Detects	0.856

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.753	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.938	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.237	Lilliefors GOF Test
5% Lilliefors Critical Value	0.144	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.385	Standard Error of Mean	0.0648
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Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

SD	0.511	95% KM (BCA) UCL	0.496
95% KM (t) UCL	0.493	95% KM (Percentile Bootstrap) UCL	0.492
95% KM (z) UCL	0.491	95% KM Bootstrap t UCL	0.517
90% KM Chebyshev UCL	0.579	95% KM Chebyshev UCL	0.667
97.5% KM Chebyshev UCL	0.789	99% KM Chebyshev UCL	1.029

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.81	Anderson-Darling GOF Test
5% A-D Critical Value	0.768	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.21	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.146	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.434	k star (bias corrected MLE)	1.338
Theta hat (MLE)	0.413	Theta star (bias corrected MLE)	0.442
nu hat (MLE)	109	nu star (bias corrected)	101.7
MLE Mean (bias corrected)	0.592	MLE Sd (bias corrected)	0.512

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.567	nu hat (KM)	72.53
Approximate Chi Square Value (72.53, α)	53.92	Adjusted Chi Square Value (72.53, β)	53.55
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.518	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.521

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.355
Maximum	2.4	Median	0.175
SD	0.534	CV	1.501
k hat (MLE)	0.466	k star (bias corrected MLE)	0.455
Theta hat (MLE)	0.763	Theta star (bias corrected MLE)	0.782
nu hat (MLE)	59.65	nu star (bias corrected)	58.19
MLE Mean (bias corrected)	0.355	MLE Sd (bias corrected)	0.527
		Adjusted Level of Significance (β)	0.0463
Approximate Chi Square Value (58.19, α)	41.65	Adjusted Chi Square Value (58.19, β)	41.33
95% Gamma Approximate UCL (use when $n \geq 50$)	0.497	95% Gamma Adjusted UCL (use when $n < 50$)	0.5

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.922	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.938	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.172	Lilliefors GOF Test
5% Lilliefors Critical Value	0.144	Detected Data Not Lognormal at 5% Significance Level

Detected Data Not Lognormal at 5% Significance Level

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.374	Mean in Log Scale	-1.738
SD in Original Scale	0.522	SD in Log Scale	1.226
95% t UCL (assumes normality of ROS data)	0.483	95% Percentile Bootstrap UCL	0.481
95% BCA Bootstrap UCL	0.502	95% Bootstrap t UCL	0.511
95% H-UCL (Log ROS)	0.526		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	0.374
SD in Original Scale	0.522
95% t UCL (Assumes normality)	0.483

DL/2 Log-Transformed

Mean in Log Scale	-1.727
SD in Log Scale	1.205
95% H-Stat UCL	0.516

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Data do not follow a Discernible Distribution at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	0.493	95% KM (% Bootstrap) UCL	0.492
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

THALLIUM, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	64	Number of Distinct Observations	29
Number of Detects	9	Number of Non-Detects	55
Number of Distinct Detects	8	Number of Distinct Non-Detects	26
Minimum Detect	0.99	Minimum Non-Detect	0.15
Maximum Detect	3.4	Maximum Non-Detect	4.1
Variance Detects	0.522	Percent Non-Detects	85.94%
Mean Detects	1.799	SD Detects	0.723
Median Detects	1.7	CV Detects	0.402
Skewness Detects	1.386	Kurtosis Detects	2.604
Mean of Logged Detects	0.523	SD of Logged Detects	0.373

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.886	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Normal at 5% Significance Level	
Lilliefors Test Statistic	0.221	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.295	Detected Data appear Normal at 5% Significance Level	

Detected Data appear Normal at 5% Significance Level

Attachment H-3

ProUCL Output - Total Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.498	Standard Error of Mean	0.115
SD	0.68	95% KM (BCA) UCL	1.002
95% KM (t) UCL	0.691	95% KM (Percentile Bootstrap) UCL	0.837
95% KM (z) UCL	0.688	95% KM Bootstrap t UCL	0.706
90% KM Chebyshev UCL	0.844	95% KM Chebyshev UCL	1.001
97.5% KM Chebyshev UCL	1.219	99% KM Chebyshev UCL	1.646

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.267	Anderson-Darling GOF Test
5% A-D Critical Value	0.722	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.182	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.28	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	7.957	k star (bias corrected MLE)	5.379
Theta hat (MLE)	0.226	Theta star (bias corrected MLE)	0.334
nu hat (MLE)	143.2	nu star (bias corrected)	96.82
MLE Mean (bias corrected)	1.799	MLE Sd (bias corrected)	0.776

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.537	nu hat (KM)	68.69
Approximate Chi Square Value (68.69, α)	50.61	Adjusted Chi Square Value (68.69, β)	50.26
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.676	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.68

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.35
Maximum	3.4	Median	0.01
SD	0.672	CV	1.918
k hat (MLE)	0.331	k star (bias corrected MLE)	0.326
Theta hat (MLE)	1.056	Theta star (bias corrected MLE)	1.073
nu hat (MLE)	42.42	nu star (bias corrected)	41.77
MLE Mean (bias corrected)	0.35	MLE Sd (bias corrected)	0.613
		Adjusted Level of Significance (β)	0.0463
Approximate Chi Square Value (41.77, α)	27.95	Adjusted Chi Square Value (41.77, β)	27.69
95% Gamma Approximate UCL (use when $n \geq 50$)	0.523	95% Gamma Adjusted UCL (use when $n < 50$)	0.528

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.965	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Lognormal at 5% Significance Level

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Lilliefors Test Statistic	0.159	Lilliefors GOF Test
5% Lilliefors Critical Value	0.295	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.701	Mean in Log Scale	-0.535
SD in Original Scale	0.541	SD in Log Scale	0.553
95% t UCL (assumes normality of ROS data)	0.814	95% Percentile Bootstrap UCL	0.811
95% BCA Bootstrap UCL	0.854	95% Bootstrap t UCL	0.859
95% H-UCL (Log ROS)	0.779		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-1.33	95% H-UCL (KM -Log)	0.575
KM SD (logged)	0.994	95% Critical H Value (KM-Log)	2.249
KM Standard Error of Mean (logged)	0.199		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	0.901
SD in Original Scale	0.575
95% t UCL (Assumes normality)	1.021

DL/2 Log-Transformed

Mean in Log Scale	-0.301
SD in Log Scale	0.689
95% H-Stat UCL	1.117

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	0.691	95% KM (Percentile Bootstrap) UCL	0.837
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

VANADIUM, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	17	Number of Distinct Observations	16
		Number of Missing Observations	0
Minimum	10.6	Mean	45.73
Maximum	86.4	Median	42.7
SD	25.79	Std. Error of Mean	6.255
Coefficient of Variation	0.564	Skewness	0.144

Normal GOF Test

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Shapiro Wilk Test Statistic	0.898	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.892	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.193	Lilliefors GOF Test
5% Lilliefors Critical Value	0.215	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 56.65

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 56.25

95% Modified-t UCL (Johnson-1978) 56.69

Gamma GOF Test

A-D Test Statistic	0.683	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.746	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.164	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.211	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	2.847	k star (bias corrected MLE)	2.384
Theta hat (MLE)	16.06	Theta star (bias corrected MLE)	19.18
nu hat (MLE)	96.81	nu star (bias corrected)	81.06
MLE Mean (bias corrected)	45.73	MLE Sd (bias corrected)	29.62
		Approximate Chi Square Value (0.05)	61.31
Adjusted Level of Significance	0.0346	Adjusted Chi Square Value	59.52

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	60.46	95% Adjusted Gamma UCL (use when n<50)	62.28
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Lognormal GOF Test

Shapiro Wilk Test Statistic	0.906	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.892	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.161	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.215	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	2.361	Mean of logged Data	3.637
Maximum of Logged Data	4.459	SD of logged Data	0.666

Assuming Lognormal Distribution

95% H-UCL	68.56	90% Chebyshev (MVUE) UCL	70.54
95% Chebyshev (MVUE) UCL	81.35	97.5% Chebyshev (MVUE) UCL	96.35
99% Chebyshev (MVUE) UCL	125.8		

Nonparametric Distribution Free UCL Statistics

Attachment H-3

ProUCL Output - Total Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	56.02	95% Jackknife UCL	56.65
95% Standard Bootstrap UCL	55.84	95% Bootstrap-t UCL	57.59
95% Hall's Bootstrap UCL	55.1	95% Percentile Bootstrap UCL	55.66
95% BCA Bootstrap UCL	56.12		
90% Chebyshev(Mean, Sd) UCL	64.49	95% Chebyshev(Mean, Sd) UCL	72.99
97.5% Chebyshev(Mean, Sd) UCL	84.79	99% Chebyshev(Mean, Sd) UCL	108

Suggested UCL to Use

95% Student's-t UCL 56.65

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

HEPTACHLOR EPOXIDE (mg/kg)**General Statistics**

Total Number of Observations	50	Number of Distinct Observations	41
Number of Detects	7	Number of Non-Detects	43
Number of Distinct Detects	6	Number of Distinct Non-Detects	37
Minimum Detect	0.0011	Minimum Non-Detect	0.0041
Maximum Detect	0.11	Maximum Non-Detect	0.15
Variance Detects	0.00144	Percent Non-Detects	86%
Mean Detects	0.0286	SD Detects	0.038
Median Detects	0.026	CV Detects	1.327
Skewness Detects	2.069	Kurtosis Detects	4.747
Mean of Logged Detects	-4.521	SD of Logged Detects	1.749

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.728	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.803	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.343	Lilliefors GOF Test
5% Lilliefors Critical Value	0.335	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.00794	Standard Error of Mean	0.00331
SD	0.0179	95% KM (BCA) UCL	0.0151
95% KM (t) UCL	0.0135	95% KM (Percentile Bootstrap) UCL	0.0138
95% KM (z) UCL	0.0134	95% KM Bootstrap t UCL	0.015
90% KM Chebyshev UCL	0.0179	95% KM Chebyshev UCL	0.0224
97.5% KM Chebyshev UCL	0.0286	99% KM Chebyshev UCL	0.0409

Attachment H-3

ProUCL Output - Total Soil

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.376	Anderson-Darling GOF Test
5% A-D Critical Value	0.743	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.209	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.325	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.633	k star (bias corrected MLE)	0.457
Theta hat (MLE)	0.0452	Theta star (bias corrected MLE)	0.0626
nu hat (MLE)	8.865	nu star (bias corrected)	6.399
MLE Mean (bias corrected)	0.0286	MLE Sd (bias corrected)	0.0423

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.197	nu hat (KM)	19.72
Approximate Chi Square Value (19.72, α)	10.65	Adjusted Chi Square Value (19.72, β)	10.45
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.0147	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.015

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.0011	Mean	0.0126
Maximum	0.11	Median	0.01
SD	0.0148	CV	1.172
k hat (MLE)	2.43	k star (bias corrected MLE)	2.297
Theta hat (MLE)	0.0052	Theta star (bias corrected MLE)	0.0055
nu hat (MLE)	243	nu star (bias corrected)	229.7
MLE Mean (bias corrected)	0.0126	MLE Sd (bias corrected)	0.00833
		Adjusted Level of Significance (β)	0.0452
Approximate Chi Square Value (229.72, α)	195.6	Adjusted Chi Square Value (229.72, β)	194.7
95% Gamma Approximate UCL (use when $n \geq 50$)	0.0148	95% Gamma Adjusted UCL (use when $n < 50$)	0.0149

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.894	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.803	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.262	Lilliefors GOF Test
5% Lilliefors Critical Value	0.335	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.00597	Mean in Log Scale	-5.957
SD in Original Scale	0.0162	SD in Log Scale	0.943
95% t UCL (assumes normality of ROS data)	0.00982	95% Percentile Bootstrap UCL	0.00994

Attachment H-3

ProUCL Output - Total Soil*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% BCA Bootstrap UCL	0.0129	95% Bootstrap t UCL	0.0187
95% H-UCL (Log ROS)	0.00549		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-6.011	95% H-UCL (KM -Log)	0.00927
KM SD (logged)	1.293	95% Critical H Value (KM-Log)	2.68
KM Standard Error of Mean (logged)	0.329		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	0.0278
SD in Original Scale	0.0228
95% t UCL (Assumes normality)	0.0332

DL/2 Log-Transformed

Mean in Log Scale	-4.063
SD in Log Scale	1.174
95% H-Stat UCL	0.0524

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Gamma Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	0.0135	95% GROS Approximate Gamma UCL	0.0148
95% Approximate Gamma KM-UCL	0.0147		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****ALUMINUM, TOTAL (mg/kg)****General Statistics**

Total Number of Observations	12	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	3810	Mean	12660
Maximum	22900	Median	13500
SD	6154	Std. Error of Mean	1777
Coefficient of Variation	0.486	Skewness	-0.0626

Normal GOF Test

Shapiro Wilk Test Statistic	0.96	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.859	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.118	Lilliefors GOF Test
5% Lilliefors Critical Value	0.256	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL****95% Student's-t UCL 15851****95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995) 15548

95% Modified-t UCL (Johnson-1978) 15845

Gamma GOF Test

A-D Test Statistic	0.419	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.737	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.165	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.247	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	3.63	k star (bias corrected MLE)	2.778
Theta hat (MLE)	3487	Theta star (bias corrected MLE)	4557
nu hat (MLE)	87.12	nu star (bias corrected)	66.68
MLE Mean (bias corrected)	12660	MLE Sd (bias corrected)	7595
		Approximate Chi Square Value (0.05)	48.88
Adjusted Level of Significance	0.029	Adjusted Chi Square Value	46.57

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)) 17268

95% Adjusted Gamma UCL (use when n<50) 18127

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.89	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.859	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.174	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.256	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Lognormal Statistics**

Minimum of Logged Data	8.245	Mean of logged Data	9.302
Maximum of Logged Data	10.04	SD of logged Data	0.608

Assuming Lognormal Distribution

95% H-UCL	20040	90% Chebyshev (MVUE) UCL	20010
95% Chebyshev (MVUE) UCL	23205	97.5% Chebyshev (MVUE) UCL	27638
99% Chebyshev (MVUE) UCL	36346		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	15582	95% Jackknife UCL	15851
95% Standard Bootstrap UCL	15494	95% Bootstrap-t UCL	15847
95% Hall's Bootstrap UCL	15615	95% Percentile Bootstrap UCL	15541
95% BCA Bootstrap UCL	15367		
90% Chebyshev(Mean, Sd) UCL	17990	95% Chebyshev(Mean, Sd) UCL	20404
97.5% Chebyshev(Mean, Sd) UCL	23755	99% Chebyshev(Mean, Sd) UCL	30337

Suggested UCL to Use**95% Student's-t UCL 15851**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

Note: For highly negatively-skewed data, confidence limits (e.g., Chen, Johnson, Lognormal, and Gamma) may not be reliable. Chen's and Johnson's methods provide adjustments for positively skewed data sets.

ANTIMONY, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	26	Number of Distinct Observations	25
Number of Detects	16	Number of Non-Detects	10
Number of Distinct Detects	15	Number of Distinct Non-Detects	10
Minimum Detect	0.78	Minimum Non-Detect	1.9
Maximum Detect	30	Maximum Non-Detect	9.15
Variance Detects	55.59	Percent Non-Detects	38.46%
Mean Detects	6.674	SD Detects	7.456
Median Detects	3.85	CV Detects	1.117
Skewness Detects	2.369	Kurtosis Detects	6.213
Mean of Logged Detects	1.457	SD of Logged Detects	0.957

Attachment H-3

ProUCL Output - Sediment

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.712	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.887	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.252	Lilliefors GOF Test
5% Lilliefors Critical Value	0.222	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	4.891	Standard Error of Mean	1.256
SD	6.143	95% KM (BCA) UCL	7.305
95% KM (t) UCL	7.036	95% KM (Percentile Bootstrap) UCL	7.1
95% KM (z) UCL	6.957	95% KM Bootstrap t UCL	8.878
90% KM Chebyshev UCL	8.659	95% KM Chebyshev UCL	10.37
97.5% KM Chebyshev UCL	12.73	99% KM Chebyshev UCL	17.39

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.473	Anderson-Darling GOF Test
5% A-D Critical Value	0.759	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.144	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.22	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.275	k star (bias corrected MLE)	1.078
Theta hat (MLE)	5.235	Theta star (bias corrected MLE)	6.194
nu hat (MLE)	40.8	nu star (bias corrected)	34.48
MLE Mean (bias corrected)	6.674	MLE Sd (bias corrected)	6.429

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.634	nu hat (KM)	32.96
Approximate Chi Square Value (32.96, α)	20.84	Adjusted Chi Square Value (32.96, β)	20.2
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	7.737	95% Gamma Adjusted KM-UCL (use when $n < 50$)	7.981

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	4.364
Maximum	30	Median	2.322
SD	6.508	CV	1.491
k hat (MLE)	0.547	k star (bias corrected MLE)	0.509
Theta hat (MLE)	7.981	Theta star (bias corrected MLE)	8.568
nu hat (MLE)	28.43	nu star (bias corrected)	26.49
MLE Mean (bias corrected)	4.364	MLE Sd (bias corrected)	6.115
		Adjusted Level of Significance (β)	0.0398

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Approximate Chi Square Value (26.49, α)	15.75	Adjusted Chi Square Value (26.49, β)	15.21
95% Gamma Approximate UCL (use when $n \geq 50$)	7.337	95% Gamma Adjusted UCL (use when $n < 50$)	7.601

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.98	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.887	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.14	Lilliefors GOF Test
5% Lilliefors Critical Value	0.222	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	4.814	Mean in Log Scale	1.118
SD in Original Scale	6.26	SD in Log Scale	0.877
95% t UCL (assumes normality of ROS data)	6.911	95% Percentile Bootstrap UCL	7
95% BCA Bootstrap UCL	8.009	95% Bootstrap t UCL	9.159
95% H-UCL (Log ROS)	6.794		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	1.105	95% H-UCL (KM -Log)	7.254
KM SD (logged)	0.927	95% Critical H Value (KM-Log)	2.415
KM Standard Error of Mean (logged)	0.208		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	4.938
SD in Original Scale	6.224
95% t UCL (Assumes normality)	7.023

DL/2 Log-Transformed

Mean in Log Scale	1.159
SD in Log Scale	0.877
95% H-Stat UCL	7.074

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Gamma Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (Percentile Bootstrap) UCL	7.1	95% GROS Adjusted Gamma UCL	7.601
95% Adjusted Gamma KM-UCL	7.981		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

AROCLOR-1260 (mg/kg)**General Statistics**

Total Number of Observations	27	Number of Distinct Observations	23
Number of Detects	5	Number of Non-Detects	22

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Number of Distinct Detects	5	Number of Distinct Non-Detects	18
Minimum Detect	0.095	Minimum Non-Detect	0.04
Maximum Detect	3.8	Maximum Non-Detect	0.65
Variance Detects	2.281	Percent Non-Detects	81.48%
Mean Detects	1.327	SD Detects	1.51
Median Detects	1.1	CV Detects	1.138
Skewness Detects	1.4	Kurtosis Detects	2.017
Mean of Logged Detects	-0.497	SD of Logged Detects	1.591

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.853	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.762	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.254	Lilliefors GOF Test
5% Lilliefors Critical Value	0.396	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.289	Standard Error of Mean	0.165
SD	0.764	95% KM (BCA) UCL	0.582
95% KM (t) UCL	0.569	95% KM (Percentile Bootstrap) UCL	0.569
95% KM (z) UCL	0.559	95% KM Bootstrap t UCL	0.711
90% KM Chebyshev UCL	0.783	95% KM Chebyshev UCL	1.006
97.5% KM Chebyshev UCL	1.317	99% KM Chebyshev UCL	1.927

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.316	Anderson-Darling GOF Test
5% A-D Critical Value	0.698	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.248	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.367	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.766	k star (bias corrected MLE)	0.44
Theta hat (MLE)	1.733	Theta star (bias corrected MLE)	3.019
nu hat (MLE)	7.656	nu star (bias corrected)	4.396
MLE Mean (bias corrected)	1.327	MLE Sd (bias corrected)	2.002

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.143	nu hat (KM)	7.71
Approximate Chi Square Value (7.71, α)	2.568	Adjusted Chi Square Value (7.71, β)	2.382
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.867	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.934

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.254
Maximum	3.8	Median	0.01
SD	0.789	CV	3.108
k hat (MLE)	0.282	k star (bias corrected MLE)	0.275
Theta hat (MLE)	0.901	Theta star (bias corrected MLE)	0.923
nu hat (MLE)	15.21	nu star (bias corrected)	14.85
MLE Mean (bias corrected)	0.254	MLE Sd (bias corrected)	0.484
		Adjusted Level of Significance (β)	0.0401
Approximate Chi Square Value (14.85, α)	7.159	Adjusted Chi Square Value (14.85, β)	6.819
95% Gamma Approximate UCL (use when $n \geq 50$)	0.527	95% Gamma Adjusted UCL (use when $n < 50$)	0.553

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.903	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.762	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.245	Lilliefors GOF Test
5% Lilliefors Critical Value	0.396	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	0.252	Mean in Log Scale	-4.328
SD in Original Scale	0.79	SD in Log Scale	2.091
95% t UCL (assumes normality of ROS data)	0.511	95% Percentile Bootstrap UCL	0.532
95% BCA Bootstrap UCL	0.681	95% Bootstrap t UCL	1.006
95% H-UCL (Log ROS)	0.654		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-2.572	95% H-UCL (KM -Log)	0.314
KM SD (logged)	1.217	95% Critical H Value (KM-Log)	2.817
KM Standard Error of Mean (logged)	0.29		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	0.323	Mean in Log Scale	-2.222
SD in Original Scale	0.77	SD in Log Scale	1.262
95% t UCL (Assumes normality)	0.576	95% H-Stat UCL	0.491

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Normal Distributed at 5% Significance Level

Suggested UCL to Use

95% KM (t) UCL	0.569	95% KM (Percentile Bootstrap) UCL	0.569
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

ARSENIC, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	26	Number of Distinct Observations	25
		Number of Missing Observations	0
Minimum	3.2	Mean	33.12
Maximum	105	Median	27.2
SD	25.78	Std. Error of Mean	5.056
Coefficient of Variation	0.779	Skewness	0.909

Normal GOF Test

Shapiro Wilk Test Statistic	0.899
5% Shapiro Wilk Critical Value	0.92
Lilliefors Test Statistic	0.163
5% Lilliefors Critical Value	0.174

Shapiro Wilk GOF Test

Data Not Normal at 5% Significance Level

Lilliefors GOF Test

Data appear Normal at 5% Significance Level

Data appear Approximate Normal at 5% Significance Level

Assuming Normal Distribution**95% Normal UCL**

95% Student's-t UCL 41.75

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	42.4
95% Modified-t UCL (Johnson-1978)	41.9

Gamma GOF Test

A-D Test Statistic	0.427
5% A-D Critical Value	0.762
K-S Test Statistic	0.114
5% K-S Critical Value	0.174

Anderson-Darling Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Kolmogrov-Smirnoff Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	1.497	k star (bias corrected MLE)	1.35
Theta hat (MLE)	22.12	Theta star (bias corrected MLE)	24.53
nu hat (MLE)	77.86	nu star (bias corrected)	70.21
MLE Mean (bias corrected)	33.12	MLE Sd (bias corrected)	28.5
		Approximate Chi Square Value (0.05)	51.92
Adjusted Level of Significance	0.0398	Adjusted Chi Square Value	50.88

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	44.78	95% Adjusted Gamma UCL (use when n<50)	45.7
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Lognormal GOF Test

Shapiro Wilk Test Statistic	0.938
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Shapiro Wilk Lognormal GOF Test

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

5% Shapiro Wilk Critical Value	0.92	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.129	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.174	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	1.163	Mean of logged Data	3.13
Maximum of Logged Data	4.654	SD of logged Data	0.966

Assuming Lognormal Distribution

95% H-UCL	58.72	90% Chebyshev (MVUE) UCL	58.46
95% Chebyshev (MVUE) UCL	68.82	97.5% Chebyshev (MVUE) UCL	83.21
99% Chebyshev (MVUE) UCL	111.5		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	41.43	95% Jackknife UCL	41.75
95% Standard Bootstrap UCL	41.42	95% Bootstrap-t UCL	42.44
95% Hall's Bootstrap UCL	43.36	95% Percentile Bootstrap UCL	41.06
95% BCA Bootstrap UCL	42.15		
90% Chebyshev(Mean, Sd) UCL	48.28	95% Chebyshev(Mean, Sd) UCL	55.16
97.5% Chebyshev(Mean, Sd) UCL	64.69	99% Chebyshev(Mean, Sd) UCL	83.43

Suggested UCL to Use**95% Student's-t UCL 41.75**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

BEQ (mg/kg)**General Statistics**

Total Number of Observations	27	Number of Distinct Observations	27
Number of Detects	21	Number of Non-Detects	6
Number of Distinct Detects	21	Number of Distinct Non-Detects	6
Minimum Detect	0.309	Minimum Non-Detect	0.555
Maximum Detect	4.171	Maximum Non-Detect	3.12
Variance Detects	1.011	Percent Non-Detects	22.22%
Mean Detects	1.148	SD Detects	1.005
Median Detects	0.813	CV Detects	0.875
Skewness Detects	1.836	Kurtosis Detects	3.073
Mean of Logged Detects	-0.141	SD of Logged Detects	0.73

Attachment H-3

ProUCL Output - Sediment

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.757	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.908	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.267	Lilliefors GOF Test
5% Lilliefors Critical Value	0.193	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.028	Standard Error of Mean	0.182
SD	0.91	95% KM (BCA) UCL	1.33
95% KM (t) UCL	1.339	95% KM (Percentile Bootstrap) UCL	1.326
95% KM (z) UCL	1.328	95% KM Bootstrap t UCL	1.479
90% KM Chebyshev UCL	1.575	95% KM Chebyshev UCL	1.822
97.5% KM Chebyshev UCL	2.166	99% KM Chebyshev UCL	2.841

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.881	Anderson-Darling GOF Test
5% A-D Critical Value	0.754	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.179	Kolmogorov-Smirnoff GOF
5% K-S Critical Value	0.192	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.937	k star (bias corrected MLE)	1.692
Theta hat (MLE)	0.593	Theta star (bias corrected MLE)	0.679
nu hat (MLE)	81.36	nu star (bias corrected)	71.07
MLE Mean (bias corrected)	1.148	MLE Sd (bias corrected)	0.883

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	1.279	nu hat (KM)	69.04
Approximate Chi Square Value (69.04, α)	50.91	Adjusted Chi Square Value (69.04, β)	49.92
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	1.395	95% Gamma Adjusted KM-UCL (use when $n < 50$)	1.422

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.234	Mean	1.007
Maximum	4.171	Median	0.617
SD	0.926	CV	0.92
k hat (MLE)	1.929	k star (bias corrected MLE)	1.74
Theta hat (MLE)	0.522	Theta star (bias corrected MLE)	0.579
nu hat (MLE)	104.2	nu star (bias corrected)	93.94
MLE Mean (bias corrected)	1.007	MLE Sd (bias corrected)	0.763

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

		Adjusted Level of Significance (β)	0.0401
Approximate Chi Square Value (93.94, α)	72.58	Adjusted Chi Square Value (93.94, β)	71.38
95% Gamma Approximate UCL (use when $n \geq 50$)	1.303	95% Gamma Adjusted UCL (use when $n < 50$)	1.325

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.943	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.908	Detected Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.126	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.193	Detected Data appear Lognormal at 5% Significance Level	

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.023	Mean in Log Scale	-0.233
SD in Original Scale	0.915	SD in Log Scale	0.669
95% t UCL (assumes normality of ROS data)	1.324	95% Percentile Bootstrap UCL	1.322
95% BCA Bootstrap UCL	1.409	95% Bootstrap t UCL	1.496
95% H-UCL (Log ROS)	1.311		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-0.244	95% H-UCL (KM -Log)	1.324
KM SD (logged)	0.686	95% Critical H Value (KM-Log)	2.146
KM Standard Error of Mean (logged)	0.141		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	1.035
SD in Original Scale	0.93
95% t UCL (Assumes normality)	1.34

DL/2 Log-Transformed

Mean in Log Scale	-0.247
SD in Log Scale	0.719
95% H-Stat UCL	1.376

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Approximate Gamma Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (BCA) UCL	1.33	95% GROS Adjusted Gamma UCL	1.325
95% Adjusted Gamma KM-UCL	1.422		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

CADMIUM, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	26	Number of Distinct Observations	22
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Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Number of Detects	16	Number of Non-Detects	10
Number of Distinct Detects	14	Number of Distinct Non-Detects	9
Minimum Detect	0.32	Minimum Non-Detect	0.39
Maximum Detect	7.3	Maximum Non-Detect	1.52
Variance Detects	2.857	Percent Non-Detects	38.46%
Mean Detects	1.689	SD Detects	1.69
Median Detects	1.35	CV Detects	1.001
Skewness Detects	2.692	Kurtosis Detects	8.56
Mean of Logged Detects	0.204	SD of Logged Detects	0.789

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.688	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.887	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.232	Lilliefors GOF Test
5% Lilliefors Critical Value	0.222	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.18	Standard Error of Mean	0.292
SD	1.44	95% KM (BCA) UCL	1.729
95% KM (t) UCL	1.679	95% KM (Percentile Bootstrap) UCL	1.705
95% KM (z) UCL	1.661	95% KM Bootstrap t UCL	2.061
90% KM Chebyshev UCL	2.057	95% KM Chebyshev UCL	2.454
97.5% KM Chebyshev UCL	3.005	99% KM Chebyshev UCL	4.088

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.549	Anderson-Darling GOF Test
5% A-D Critical Value	0.753	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.185	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.218	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.712	k star (bias corrected MLE)	1.432
Theta hat (MLE)	0.987	Theta star (bias corrected MLE)	1.179
nu hat (MLE)	54.78	nu star (bias corrected)	45.84
MLE Mean (bias corrected)	1.689	MLE Sd (bias corrected)	1.411

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.672	nu hat (KM)	34.92
Approximate Chi Square Value (34.92, α)	22.4	Adjusted Chi Square Value (34.92, β)	21.74
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	1.84	95% Gamma Adjusted KM-UCL (use when $n < 50$)	1.896

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	1.048
Maximum	7.3	Median	0.63
SD	1.549	CV	1.479
k hat (MLE)	0.411	k star (bias corrected MLE)	0.389
Theta hat (MLE)	2.549	Theta star (bias corrected MLE)	2.692
nu hat (MLE)	21.37	nu star (bias corrected)	20.24
MLE Mean (bias corrected)	1.048	MLE Sd (bias corrected)	1.679
		Adjusted Level of Significance (β)	0.0398
Approximate Chi Square Value (20.24, α)	11.02	Adjusted Chi Square Value (20.24, β)	10.58
95% Gamma Approximate UCL (use when $n \geq 50$)	1.923	95% Gamma Adjusted UCL (use when $n < 50$)	2.004

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.962	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.887	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.171	Lilliefors GOF Test
5% Lilliefors Critical Value	0.222	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	1.154	Mean in Log Scale	-0.353
SD in Original Scale	1.481	SD in Log Scale	0.955
95% t UCL (assumes normality of ROS data)	1.65	95% Percentile Bootstrap UCL	1.66
95% BCA Bootstrap UCL	1.864	95% Bootstrap t UCL	2.061
95% H-UCL (Log ROS)	1.771		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-0.28	95% H-UCL (KM -Log)	1.667
KM SD (logged)	0.873	95% Critical H Value (KM-Log)	2.35
KM Standard Error of Mean (logged)	0.179		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	1.156	Mean in Log Scale	-0.366
SD in Original Scale	1.482	SD in Log Scale	0.984
95% t UCL (Assumes normality)	1.652	95% H-Stat UCL	1.836

DL/2 is not a recommended method, provided for comparisons and historical reasons

Nonparametric Distribution Free UCL Statistics

Detected Data appear Gamma Distributed at 5% Significance Level

Suggested UCL to Use

95% KM (Percentile Bootstrap) UCL	1.705	95% GROS Adjusted Gamma UCL	2.004
95% Adjusted Gamma KM-UCL	1.896		

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

COBALT, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	12	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	2.7	Mean	10.9
Maximum	22.4	Median	10.3
SD	6.031	Std. Error of Mean	1.741
Coefficient of Variation	0.553	Skewness	0.559

Normal GOF Test

Shapiro Wilk Test Statistic	0.959	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.859	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.12	Lilliefors GOF Test
5% Lilliefors Critical Value	0.256	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level

Assuming Normal Distribution**95% Normal UCL**

95% Student's-t UCL 14.03

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	14.06
95% Modified-t UCL (Johnson-1978)	14.07

Gamma GOF Test

A-D Test Statistic	0.153	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.738	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.117	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.247	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	3.217	k star (bias corrected MLE)	2.468
Theta hat (MLE)	3.388	Theta star (bias corrected MLE)	4.416
nu hat (MLE)	77.2	nu star (bias corrected)	59.24
MLE Mean (bias corrected)	10.9	MLE Sd (bias corrected)	6.938
		Approximate Chi Square Value (0.05)	42.54
Adjusted Level of Significance	0.029	Adjusted Chi Square Value	40.39

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when $n \geq 50$)	15.18	95% Adjusted Gamma UCL (use when $n < 50$)	15.99
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Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.964
5% Shapiro Wilk Critical Value	0.859
Lilliefors Test Statistic	0.156
5% Lilliefors Critical Value	0.256

Shapiro Wilk Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Lilliefors Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	0.993	Mean of logged Data	2.225
Maximum of Logged Data	3.109	SD of logged Data	0.633

Assuming Lognormal Distribution

95% H-UCL	17.59	90% Chebyshev (MVUE) UCL	17.39
95% Chebyshev (MVUE) UCL	20.24	97.5% Chebyshev (MVUE) UCL	24.2
99% Chebyshev (MVUE) UCL	31.97		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	13.76	95% Jackknife UCL	14.03
95% Standard Bootstrap UCL	13.67	95% Bootstrap-t UCL	14.56
95% Hall's Bootstrap UCL	14.39	95% Percentile Bootstrap UCL	13.59
95% BCA Bootstrap UCL	13.82		
90% Chebyshev(Mean, Sd) UCL	16.12	95% Chebyshev(Mean, Sd) UCL	18.49
97.5% Chebyshev(Mean, Sd) UCL	21.77	99% Chebyshev(Mean, Sd) UCL	28.22

Suggested UCL to Use**95% Student's-t UCL 14.03**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

CYANIDE, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	12	Number of Distinct Observations	11
Number of Detects	7	Number of Non-Detects	5
Number of Distinct Detects	7	Number of Distinct Non-Detects	5
Minimum Detect	0.29	Minimum Non-Detect	0.42
Maximum Detect	1.4	Maximum Non-Detect	1.8
Variance Detects	0.176	Percent Non-Detects	41.67%
Mean Detects	0.747	SD Detects	0.42
Median Detects	0.67	CV Detects	0.562

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Skewness Detects	0.653	Kurtosis Detects	-1.023
Mean of Logged Detects	-0.433	SD of Logged Detects	0.584

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.922	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.803	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.166	Lilliefors GOF Test
5% Lilliefors Critical Value	0.335	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.641	Standard Error of Mean	0.129
SD	0.37	95% KM (BCA) UCL	0.874
95% KM (t) UCL	0.873	95% KM (Percentile Bootstrap) UCL	0.853
95% KM (z) UCL	0.853	95% KM Bootstrap t UCL	0.928
90% KM Chebyshev UCL	1.028	95% KM Chebyshev UCL	1.203
97.5% KM Chebyshev UCL	1.446	99% KM Chebyshev UCL	1.923

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.222	Anderson-Darling GOF Test
5% A-D Critical Value	0.71	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.162	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.313	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	3.689	k star (bias corrected MLE)	2.203
Theta hat (MLE)	0.203	Theta star (bias corrected MLE)	0.339
nu hat (MLE)	51.65	nu star (bias corrected)	30.84
MLE Mean (bias corrected)	0.747	MLE Sd (bias corrected)	0.503

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	3.004	nu hat (KM)	72.09
Approximate Chi Square Value (72.09, α)	53.54	Adjusted Chi Square Value (72.09, β)	51.1
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.863	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.905

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.286	Mean	0.624
Maximum	1.4	Median	0.525
SD	0.354	CV	0.567
k hat (MLE)	4.095	k star (bias corrected MLE)	3.127
Theta hat (MLE)	0.152	Theta star (bias corrected MLE)	0.199

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

nu hat (MLE)	98.29	nu star (bias corrected)	75.05
MLE Mean (bias corrected)	0.624	MLE Sd (bias corrected)	0.353
		Adjusted Level of Significance (β)	0.029
Approximate Chi Square Value (75.05, α)	56.1	Adjusted Chi Square Value (75.05, β)	53.6
95% Gamma Approximate UCL (use when $n \geq 50$)	0.834	95% Gamma Adjusted UCL (use when $n < 50$)	0.873

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.963	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.803	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.14	Lilliefors GOF Test
5% Lilliefors Critical Value	0.335	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.623	Mean in Log Scale	-0.594
SD in Original Scale	0.351	SD in Log Scale	0.494
95% t UCL (assumes normality of ROS data)	0.805	95% Percentile Bootstrap UCL	0.788
95% BCA Bootstrap UCL	0.83	95% Bootstrap t UCL	0.949
95% H-UCL (Log ROS)	0.857		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-0.595	95% H-UCL (KM -Log)	0.909
KM SD (logged)	0.538	95% Critical H Value (KM-Log)	2.189
KM Standard Error of Mean (logged)	0.192		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	0.669	Mean in Log Scale	-0.557
SD in Original Scale	0.373	SD in Log Scale	0.6
95% t UCL (Assumes normality)	0.862	95% H-Stat UCL	1.035

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	0.873	95% KM (Percentile Bootstrap) UCL	0.853
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

IRON, TOTAL (mg/kg)

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****General Statistics**

Total Number of Observations	12	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	9690	Mean	35816
Maximum	63500	Median	37850
SD	17563	Std. Error of Mean	5070
Coefficient of Variation	0.49	Skewness	0.0429

Normal GOF Test

Shapiro Wilk Test Statistic	0.96
5% Shapiro Wilk Critical Value	0.859
Lilliefors Test Statistic	0.127
5% Lilliefors Critical Value	0.256

Shapiro Wilk GOF Test

Data appear Normal at 5% Significance Level

Lilliefors GOF Test

Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 44921

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 44222

95% Modified-t UCL (Johnson-1978) 44932

Gamma GOF Test

A-D Test Statistic	0.288
5% A-D Critical Value	0.737
K-S Test Statistic	0.154
5% K-S Critical Value	0.247

Anderson-Darling Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Kolmogrov-Smirnoff Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	3.74	k star (bias corrected MLE)	2.86
Theta hat (MLE)	9577	Theta star (bias corrected MLE)	12521
nu hat (MLE)	89.76	nu star (bias corrected)	68.65
MLE Mean (bias corrected)	35816	MLE Sd (bias corrected)	21177
		Approximate Chi Square Value (0.05)	50.58
Adjusted Level of Significance	0.029	Adjusted Chi Square Value	48.22

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)) 48613

95% Adjusted Gamma UCL (use when n<50) 50992

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.93
5% Shapiro Wilk Critical Value	0.859
Lilliefors Test Statistic	0.178
5% Lilliefors Critical Value	0.256

Shapiro Wilk Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Lilliefors Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Minimum of Logged Data	9.179	Mean of logged Data	10.35
Maximum of Logged Data	11.06	SD of logged Data	0.592

Assuming Lognormal Distribution

95% H-UCL	55551	90% Chebyshev (MVUE) UCL	55813
95% Chebyshev (MVUE) UCL	64559	97.5% Chebyshev (MVUE) UCL	76698
99% Chebyshev (MVUE) UCL	100542		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	44155	95% Jackknife UCL	44921
95% Standard Bootstrap UCL	43736	95% Bootstrap-t UCL	45546
95% Hall's Bootstrap UCL	44407	95% Percentile Bootstrap UCL	43850
95% BCA Bootstrap UCL	43724		
90% Chebyshev(Mean, Sd) UCL	51026	95% Chebyshev(Mean, Sd) UCL	57916
97.5% Chebyshev(Mean, Sd) UCL	67478	99% Chebyshev(Mean, Sd) UCL	86262

Suggested UCL to Use**95% Student's-t UCL 44921**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

MANGANESE, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	12	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	25.2	Mean	109.3
Maximum	346	Median	95.6
SD	88.07	Std. Error of Mean	25.42
Coefficient of Variation	0.805	Skewness	1.869

Normal GOF Test

Shapiro Wilk Test Statistic	0.809
5% Shapiro Wilk Critical Value	0.859
Lilliefors Test Statistic	0.201
5% Lilliefors Critical Value	0.256

Shapiro Wilk GOF Test

Data Not Normal at 5% Significance Level

Lilliefors GOF Test

Data appear Normal at 5% Significance Level

Data appear Approximate Normal at 5% Significance Level**Assuming Normal Distribution**

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****95% Normal UCL**

95% Student's-t UCL 155

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 165.8

95% Modified-t UCL (Johnson-1978) 157.3

Gamma GOF Test

A-D Test Statistic 0.387

5% A-D Critical Value 0.742

K-S Test Statistic 0.169

5% K-S Critical Value 0.249

Anderson-Darling Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Kolmogrov-Smirnoff Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE) 1.99

Theta hat (MLE) 54.94

nu hat (MLE) 47.77

MLE Mean (bias corrected) 109.3

Adjusted Level of Significance 0.029

k star (bias corrected MLE) 1.548

Theta star (bias corrected MLE) 70.62

nu star (bias corrected) 37.16

MLE Sd (bias corrected) 87.87

Approximate Chi Square Value (0.05) 24.2

Adjusted Chi Square Value 22.62

Assuming Gamma Distribution95% Approximate Gamma UCL (use when $n \geq 50$) 167.995% Adjusted Gamma UCL (use when $n < 50$) 179.6**Lognormal GOF Test**

Shapiro Wilk Test Statistic 0.939

5% Shapiro Wilk Critical Value 0.859

Lilliefors Test Statistic 0.193

5% Lilliefors Critical Value 0.256

Shapiro Wilk Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Lilliefors Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data 3.227

Maximum of Logged Data 5.846

Mean of logged Data 4.423

SD of logged Data 0.784

Assuming Lognormal Distribution

95% H-UCL 206.8

95% Chebyshev (MVUE) UCL 223.6

99% Chebyshev (MVUE) UCL 369.5

90% Chebyshev (MVUE) UCL 188.1

97.5% Chebyshev (MVUE) UCL 272.8

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL 151.2

95% Standard Bootstrap UCL 149.9

95% Hall's Bootstrap UCL 354.5

95% BCA Bootstrap UCL 166.5

95% Jackknife UCL 155

95% Bootstrap-t UCL 182

95% Percentile Bootstrap UCL 151

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

90% Chebyshev(Mean, Sd) UCL	185.6	95% Chebyshev(Mean, Sd) UCL	220.2
97.5% Chebyshev(Mean, Sd) UCL	268.1	99% Chebyshev(Mean, Sd) UCL	362.3

Suggested UCL to Use

95% Student's-t UCL 155

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

MERCURY, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	26	Number of Distinct Observations	23
Number of Detects	25	Number of Non-Detects	1
Number of Distinct Detects	22	Number of Distinct Non-Detects	1
Minimum Detect	0.053	Minimum Non-Detect	0.1
Maximum Detect	2.64	Maximum Non-Detect	0.1
Variance Detects	0.585	Percent Non-Detects	3.846%
Mean Detects	0.909	SD Detects	0.765
Median Detects	0.74	CV Detects	0.841
Skewness Detects	0.773	Kurtosis Detects	-0.522
Mean of Logged Detects	-0.554	SD of Logged Detects	1.088

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.89	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.918	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.143	Lilliefors GOF Test
5% Lilliefors Critical Value	0.177	Detected Data appear Normal at 5% Significance Level

Detected Data appear Approximate Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	0.876	Standard Error of Mean	0.151
SD	0.753	95% KM (BCA) UCL	1.127
95% KM (t) UCL	1.133	95% KM (Percentile Bootstrap) UCL	1.12
95% KM (z) UCL	1.124	95% KM Bootstrap t UCL	1.187
90% KM Chebyshev UCL	1.328	95% KM Chebyshev UCL	1.533
97.5% KM Chebyshev UCL	1.817	99% KM Chebyshev UCL	2.376

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.46	Anderson-Darling GOF Test
5% A-D Critical Value	0.768	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.119	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.179	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Gamma Statistics on Detected Data Only**

k hat (MLE)	1.231	k star (bias corrected MLE)	1.11
Theta hat (MLE)	0.738	Theta star (bias corrected MLE)	0.819
nu hat (MLE)	61.55	nu star (bias corrected)	55.5
MLE Mean (bias corrected)	0.909	MLE Sd (bias corrected)	0.863

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	1.353	nu hat (KM)	70.37
Approximate Chi Square Value (70.37, α)	52.06	Adjusted Chi Square Value (70.37, β)	51.02
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	1.184	95% Gamma Adjusted KM-UCL (use when $n < 50$)	1.208

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	0.874
Maximum	2.64	Median	0.705
SD	0.77	CV	0.88
k hat (MLE)	1.003	k star (bias corrected MLE)	0.913
Theta hat (MLE)	0.872	Theta star (bias corrected MLE)	0.958
nu hat (MLE)	52.16	nu star (bias corrected)	47.47
MLE Mean (bias corrected)	0.874	MLE Sd (bias corrected)	0.915
		Adjusted Level of Significance (β)	0.0398
Approximate Chi Square Value (47.47, α)	32.66	Adjusted Chi Square Value (47.47, β)	31.85
95% Gamma Approximate UCL (use when $n \geq 50$)	1.271	95% Gamma Adjusted UCL (use when $n < 50$)	1.303

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.934	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.918	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.134	Lilliefors GOF Test
5% Lilliefors Critical Value	0.177	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.876	Mean in Log Scale	-0.639
SD in Original Scale	0.768	SD in Log Scale	1.152
95% t UCL (assumes normality of ROS data)	1.133	95% Percentile Bootstrap UCL	1.127
95% BCA Bootstrap UCL	1.158	95% Bootstrap t UCL	1.153
95% H-UCL (Log ROS)	1.913		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-0.645	95% H-UCL (KM -Log)	1.862
KM SD (logged)	1.142	95% Critical H Value (KM-Log)	2.696
KM Standard Error of Mean (logged)	0.229		

Attachment H-3

ProUCL Output - Sediment

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

DL/2 Statistics			
DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	0.876	Mean in Log Scale	-0.648
SD in Original Scale	0.768	SD in Log Scale	1.169
95% t UCL (Assumes normality)	1.133	95% H-Stat UCL	1.963

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Approximate Normal Distributed at 5% Significance Level**

Suggested UCL to Use			
95% KM (t) UCL	1.133	95% KM (Percentile Bootstrap) UCL	1.12

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

NICKEL, TOTAL (mg/kg)

General Statistics			
Total Number of Observations	26	Number of Distinct Observations	26
Number of Detects	25	Number of Non-Detects	1
Number of Distinct Detects	25	Number of Distinct Non-Detects	1
Minimum Detect	1.7	Minimum Non-Detect	2.07
Maximum Detect	163	Maximum Non-Detect	2.07
Variance Detects	952.9	Percent Non-Detects	3.846%
Mean Detects	24.64	SD Detects	30.87
Median Detects	17.3	CV Detects	1.253
Skewness Detects	4.023	Kurtosis Detects	18.26
Mean of Logged Detects	2.806	SD of Logged Detects	0.899

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.535	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.918	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.28	Lilliefors GOF Test
5% Lilliefors Critical Value	0.177	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	23.76	Standard Error of Mean	6.002
SD	29.98	95% KM (BCA) UCL	36.34
95% KM (t) UCL	34.01	95% KM (Percentile Bootstrap) UCL	34.56
95% KM (z) UCL	33.63	95% KM Bootstrap t UCL	47.83
90% KM Chebyshev UCL	41.76	95% KM Chebyshev UCL	49.92

Attachment H-3

ProUCL Output - Sediment

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

97.5% KM Chebyshev UCL	61.24	99% KM Chebyshev UCL	83.47
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Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.729	Anderson-Darling GOF Test
5% A-D Critical Value	0.764	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.147	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.178	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.398	k star (bias corrected MLE)	1.257
Theta hat (MLE)	17.62	Theta star (bias corrected MLE)	19.6
nu hat (MLE)	69.92	nu star (bias corrected)	62.86
MLE Mean (bias corrected)	24.64	MLE Sd (bias corrected)	21.98

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.628	nu hat (KM)	32.65
Approximate Chi Square Value (32.65, α)	20.59	Adjusted Chi Square Value (32.65, β)	19.95
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	37.68	95% Gamma Adjusted KM-UCL (use when $n < 50$)	38.87

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	23.69
Maximum	163	Median	16.75
SD	30.63	CV	1.293
k hat (MLE)	0.907	k star (bias corrected MLE)	0.828
Theta hat (MLE)	26.13	Theta star (bias corrected MLE)	28.63
nu hat (MLE)	47.15	nu star (bias corrected)	43.04
MLE Mean (bias corrected)	23.69	MLE Sd (bias corrected)	26.04
		Adjusted Level of Significance (β)	0.0398
Approximate Chi Square Value (43.04, α)	29	Adjusted Chi Square Value (43.04, β)	28.24
95% Gamma Approximate UCL (use when $n \geq 50$)	35.17	95% Gamma Adjusted UCL (use when $n < 50$)	36.11

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.959	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.918	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.145	Lilliefors GOF Test
5% Lilliefors Critical Value	0.177	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	23.8	Mean in Log Scale	2.736
SD in Original Scale	30.55	SD in Log Scale	0.95

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% t UCL (assumes normality of ROS data)	34.03	95% Percentile Bootstrap UCL	35.27
95% BCA Bootstrap UCL	40	95% Bootstrap t UCL	47.13
95% H-UCL (Log ROS)	38.56		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	2.718	95% H-UCL (KM -Log)	39.05
KM SD (logged)	0.968	95% Critical H Value (KM-Log)	2.467
KM Standard Error of Mean (logged)	0.194		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	23.73
SD in Original Scale	30.6
95% t UCL (Assumes normality)	33.98

DL/2 Log-Transformed

Mean in Log Scale	2.699
SD in Log Scale	1.035
95% H-Stat UCL	43.1

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Gamma Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (Chebyshev) UCL	49.92	95% GROS Adjusted Gamma UCL	36.11
95% Adjusted Gamma KM-UCL	38.87		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

THALLIUM, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	26	Number of Distinct Observations	23
Number of Detects	5	Number of Non-Detects	21
Number of Distinct Detects	4	Number of Distinct Non-Detects	19
Minimum Detect	0.91	Minimum Non-Detect	0.27
Maximum Detect	2.3	Maximum Non-Detect	7.98
Variance Detects	0.328	Percent Non-Detects	80.77%
Mean Detects	1.782	SD Detects	0.572
Median Detects	2.1	CV Detects	0.321
Skewness Detects	-1.071	Kurtosis Detects	-0.116
Mean of Logged Detects	0.526	SD of Logged Detects	0.383

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.871
5% Shapiro Wilk Critical Value	0.762
Lilliefors Test Statistic	0.311

Shapiro Wilk GOF Test

Detected Data appear Normal at 5% Significance Level

Lilliefors GOF Test

Attachment H-3

ProUCL Output - Sediment

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

5% Lilliefors Critical Value 0.396 Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.737	Standard Error of Mean	0.198
SD	0.704	95% KM (BCA) UCL	N/A
95% KM (t) UCL	1.075	95% KM (Percentile Bootstrap) UCL	N/A
95% KM (z) UCL	1.062	95% KM Bootstrap t UCL	N/A
90% KM Chebyshev UCL	1.33	95% KM Chebyshev UCL	1.599
97.5% KM Chebyshev UCL	1.972	99% KM Chebyshev UCL	2.705

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.515	Anderson-Darling GOF Test
5% A-D Critical Value	0.679	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.337	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.358	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	9.752	k star (bias corrected MLE)	4.034
Theta hat (MLE)	0.183	Theta star (bias corrected MLE)	0.442
nu hat (MLE)	97.52	nu star (bias corrected)	40.34
MLE Mean (bias corrected)	1.782	MLE Sd (bias corrected)	0.887

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	1.096	nu hat (KM)	56.98
Approximate Chi Square Value (56.98, α)	40.63	Adjusted Chi Square Value (56.98, β)	39.71
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	1.033	95% Gamma Adjusted KM-UCL (use when $n < 50$)	1.057

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.391	Mean	0.849
Maximum	2.3	Median	0.691
SD	0.539	CV	0.635
k hat (MLE)	3.717	k star (bias corrected MLE)	3.314
Theta hat (MLE)	0.228	Theta star (bias corrected MLE)	0.256
nu hat (MLE)	193.3	nu star (bias corrected)	172.3
MLE Mean (bias corrected)	0.849	MLE Sd (bias corrected)	0.466
		Adjusted Level of Significance (β)	0.0398
Approximate Chi Square Value (172.34, α)	143	Adjusted Chi Square Value (172.34, β)	141.2
95% Gamma Approximate UCL (use when $n \geq 50$)	1.023	95% Gamma Adjusted UCL (use when $n < 50$)	1.036

Lognormal GOF Test on Detected Observations Only

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Shapiro Wilk Test Statistic	0.829	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.762	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.314	Lilliefors GOF Test
5% Lilliefors Critical Value	0.396	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.92	Mean in Log Scale	-0.178
SD in Original Scale	0.495	SD in Log Scale	0.404
95% t UCL (assumes normality of ROS data)	1.086	95% Percentile Bootstrap UCL	1.077
95% BCA Bootstrap UCL	1.131	95% Bootstrap t UCL	1.14
95% H-UCL (Log ROS)	1.058		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-0.7	95% H-UCL (KM -Log)	1.045
KM SD (logged)	0.842	95% Critical H Value (KM-Log)	2.313
KM Standard Error of Mean (logged)	0.259		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	1.117
SD in Original Scale	0.837
95% t UCL (Assumes normality)	1.397

DL/2 Log-Transformed

Mean in Log Scale	-0.159
SD in Log Scale	0.803
95% H-Stat UCL	1.695

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	1.075	95% KM (Percentile Bootstrap) UCL	N/A
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Warning: One or more Recommended UCL(s) not available!

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

VANADIUM, TOTAL (mg/kg)**General Statistics**

Total Number of Observations	12	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	21.2	Mean	51.07
Maximum	78.2	Median	55.15
SD	20.61	Std. Error of Mean	5.949

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Coefficient of Variation	0.404	Skewness	-0.00774
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Normal GOF Test

Shapiro Wilk Test Statistic	0.91	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.859	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.161	Lilliefors GOF Test
5% Lilliefors Critical Value	0.256	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 61.75

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	60.84
95% Modified-t UCL (Johnson-1978)	61.75

Gamma GOF Test

A-D Test Statistic	0.477	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.732	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.21	Kolmogrov-Smirnoff Gamma GOF Test
5% K-S Critical Value	0.246	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	5.989	k star (bias corrected MLE)	4.547
Theta hat (MLE)	8.527	Theta star (bias corrected MLE)	11.23
nu hat (MLE)	143.7	nu star (bias corrected)	109.1
MLE Mean (bias corrected)	51.07	MLE Sd (bias corrected)	23.95
		Approximate Chi Square Value (0.05)	86.02
Adjusted Level of Significance	0.029	Adjusted Chi Square Value	82.9

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when $n \geq 50$)	64.79	95% Adjusted Gamma UCL (use when $n < 50$)	67.23
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Lognormal GOF Test

Shapiro Wilk Test Statistic	0.907	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.859	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.224	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.256	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	3.054	Mean of logged Data	3.847
Maximum of Logged Data	4.359	SD of logged Data	0.449

Assuming Lognormal Distribution

95% H-UCL	68.72	90% Chebyshev (MVUE) UCL	71.75
95% Chebyshev (MVUE) UCL	80.98	97.5% Chebyshev (MVUE) UCL	93.79

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

99% Chebyshev (MVUE) UCL 119

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	60.85	95% Jackknife UCL	61.75
95% Standard Bootstrap UCL	60.07	95% Bootstrap-t UCL	62.08
95% Hall's Bootstrap UCL	60.34	95% Percentile Bootstrap UCL	60.6
95% BCA Bootstrap UCL	60.21		
90% Chebyshev(Mean, Sd) UCL	68.91	95% Chebyshev(Mean, Sd) UCL	77
97.5% Chebyshev(Mean, Sd) UCL	88.22	99% Chebyshev(Mean, Sd) UCL	110.3

Suggested UCL to Use

95% Student's-t UCL 61.75

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

Note: For highly negatively-skewed data, confidence limits (e.g., Chen, Johnson, Lognormal, and Gamma) may not be reliable. Chen's and Johnson's methods provide adjustments for positively skewed data sets.

4,4-DDD**General Statistics**

Total Number of Observations	27	Number of Distinct Observations	25
Number of Detects	12	Number of Non-Detects	15
Number of Distinct Detects	12	Number of Distinct Non-Detects	14
Minimum Detect	0.004	Minimum Non-Detect	0.0022
Maximum Detect	0.36	Maximum Non-Detect	0.25
Variance Detects	0.00998	Percent Non-Detects	55.56%
Mean Detects	0.0448	SD Detects	0.0999
Median Detects	0.0155	CV Detects	2.23
Skewness Detects	3.387	Kurtosis Detects	11.61
Mean of Logged Detects	-4.095	SD of Logged Detects	1.208

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.423	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.859	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.444	Lilliefors GOF Test
5% Lilliefors Critical Value	0.243	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

KM Mean	0.0228	KM Standard Error of Mean	0.0135
KM SD	0.0669	95% KM (BCA) UCL	0.0486
95% KM (t) UCL	0.0458	95% KM (Percentile Bootstrap) UCL	0.0482
95% KM (z) UCL	0.0449	95% KM Bootstrap t UCL	0.139
90% KM Chebyshev UCL	0.0632	95% KM Chebyshev UCL	0.0815
97.5% KM Chebyshev UCL	0.107	99% KM Chebyshev UCL	0.157

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.476	Anderson-Darling GOF Test
5% A-D Critical Value	0.776	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.308	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.257	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.621	k star (bias corrected MLE)	0.521
Theta hat (MLE)	0.0721	Theta star (bias corrected MLE)	0.0859
nu hat (MLE)	14.91	nu star (bias corrected)	12.51
Mean (detects)	0.0448		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.004	Mean	0.0255
Maximum	0.36	Median	0.01
SD	0.0673	CV	2.644
k hat (MLE)	0.834	k star (bias corrected MLE)	0.766
Theta hat (MLE)	0.0305	Theta star (bias corrected MLE)	0.0333
nu hat (MLE)	45.02	nu star (bias corrected)	41.35
Adjusted Level of Significance (β)	0.0401		
Approximate Chi Square Value (41.35, α)	27.61	Adjusted Chi Square Value (41.35, β)	26.89
95% Gamma Approximate UCL (use when $n \geq 50$)	0.0381	95% Gamma Adjusted UCL (use when $n < 50$)	0.0392

Estimates of Gamma Parameters using KM Estimates

Mean (KM)	0.0228	SD (KM)	0.0669
Variance (KM)	0.00447	SE of Mean (KM)	0.0135
k hat (KM)	0.116	k star (KM)	0.128
nu hat (KM)	6.265	nu star (KM)	6.902
theta hat (KM)	0.196	theta star (KM)	0.178
80% gamma percentile (KM)	0.0214	90% gamma percentile (KM)	0.0656
95% gamma percentile (KM)	0.129	99% gamma percentile (KM)	0.319

Gamma Kaplan-Meier (KM) Statistics

Attachment H-3

ProUCL Output - Sediment*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Approximate Chi Square Value (6.90, α)	2.117	Adjusted Chi Square Value (6.90, β)	1.952
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.0743	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.0806

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.875	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.859	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.207	Lilliefors GOF Test
5% Lilliefors Critical Value	0.243	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.0215	Mean in Log Scale	-5.176
SD in Original Scale	0.0684	SD in Log Scale	1.345
95% t UCL (assumes normality of ROS data)	0.0439	95% Percentile Bootstrap UCL	0.0474
95% BCA Bootstrap UCL	0.063	95% Bootstrap t UCL	0.16
95% H-UCL (Log ROS)	0.0308		

Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution

KM Mean (logged)	-4.951	KM Geo Mean	0.00707
KM SD (logged)	1.225	95% Critical H Value (KM-Log)	2.828
KM Standard Error of Mean (logged)	0.272	95% H-UCL (KM -Log)	0.0295
KM SD (logged)	1.225	95% Critical H Value (KM-Log)	2.828
KM Standard Error of Mean (logged)	0.272		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	0.0288
SD in Original Scale	0.0704
95% t UCL (Assumes normality)	0.052

DL/2 Log-Transformed

Mean in Log Scale	-4.682
SD in Log Scale	1.416
95% H-Stat UCL	0.0599

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Lognormal Distributed at 5% Significance Level****Suggested UCL to Use****KM H-UCL 0.0295**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**ALUMINUM, TOTAL (ug/l)****General Statistics**

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	25.5	Mean	8848
Maximum	67300	Median	555
SD	23621	Std. Error of Mean	8351
Coefficient of Variation	2.67	Skewness	2.827

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.

For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).

Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0

Normal GOF Test

Shapiro Wilk Test Statistic	0.433
5% Shapiro Wilk Critical Value	0.818
Lilliefors Test Statistic	0.505
5% Lilliefors Critical Value	0.313

Shapiro Wilk GOF Test

Data Not Normal at 5% Significance Level

Lilliefors GOF Test

Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution**95% Normal UCL**

95% Student's-t UCL 24670

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 31504

95% Modified-t UCL (Johnson-1978) 26061

Gamma GOF Test

A-D Test Statistic	1.278
5% A-D Critical Value	0.812
K-S Test Statistic	0.433
5% K-S Critical Value	0.319

Anderson-Darling Gamma GOF Test

Data Not Gamma Distributed at 5% Significance Level

Kolmogrov-Smirnoff Gamma GOF Test

Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.261	k star (bias corrected MLE)	0.246
Theta hat (MLE)	33905	Theta star (bias corrected MLE)	35904
nu hat (MLE)	4.175	nu star (bias corrected)	3.943
MLE Mean (bias corrected)	8848	MLE Sd (bias corrected)	17823
		Approximate Chi Square Value (0.05)	0.699
Adjusted Level of Significance	0.0195	Adjusted Chi Square Value	0.426

Assuming Gamma Distribution95% Approximate Gamma UCL (use when $n \geq 50$) 4989095% Adjusted Gamma UCL (use when $n < 50$) 81801**Lognormal GOF Test**

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Shapiro Wilk Test Statistic	0.896	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk Critical Value	0.818	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.279	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.313	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data	3.239	Mean of logged Data	6.385
Maximum of Logged Data	11.12	SD of logged Data	2.268

Assuming Lognormal Distribution

95% H-UCL	2861827	90% Chebyshev (MVUE) UCL	12466
95% Chebyshev (MVUE) UCL	16363	97.5% Chebyshev (MVUE) UCL	21773
99% Chebyshev (MVUE) UCL	32399		

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL	22585	95% Jackknife UCL	24670
95% Standard Bootstrap UCL	21565	95% Bootstrap-t UCL	676769
95% Hall's Bootstrap UCL	365056	95% Percentile Bootstrap UCL	25453
95% BCA Bootstrap UCL	33810		
90% Chebyshev(Mean, Sd) UCL	33902	95% Chebyshev(Mean, Sd) UCL	45251
97.5% Chebyshev(Mean, Sd) UCL	61002	99% Chebyshev(Mean, Sd) UCL	91943

Suggested UCL to Use**99% Chebyshev (Mean, Sd) UCL 91943****Recommended UCL exceeds the maximum observation**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

ANTIMONY, TOTAL (ug/l)**General Statistics**

Total Number of Observations	29	Number of Distinct Observations	8
Number of Detects	1	Number of Non-Detects	28
Number of Distinct Detects	1	Number of Distinct Non-Detects	7

Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTv).**

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**The data set for variable ANTIMONY, TOTAL (ug/l) was not processed!****ARSENIC, TOTAL (ug/l)****General Statistics**

Total Number of Observations	29	Number of Distinct Observations	15
Number of Detects	9	Number of Non-Detects	20
Number of Distinct Detects	9	Number of Distinct Non-Detects	6
Minimum Detect	4	Minimum Non-Detect	1.9
Maximum Detect	59	Maximum Non-Detect	23
Variance Detects	284.3	Percent Non-Detects	68.97%
Mean Detects	16.54	SD Detects	16.86
Median Detects	12.5	CV Detects	1.019
Skewness Detects	2.398	Kurtosis Detects	6.388
Mean of Logged Detects	2.471	SD of Logged Detects	0.834

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.7	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.829	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.319	Lilliefors GOF Test
5% Lilliefors Critical Value	0.295	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	7.804	Standard Error of Mean	2.293
SD	11.06	95% KM (BCA) UCL	12.1
95% KM (t) UCL	11.7	95% KM (Percentile Bootstrap) UCL	11.64
95% KM (z) UCL	11.58	95% KM Bootstrap t UCL	14.13
90% KM Chebyshev UCL	14.68	95% KM Chebyshev UCL	17.8
97.5% KM Chebyshev UCL	22.12	99% KM Chebyshev UCL	30.62

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.416	Anderson-Darling GOF Test
5% A-D Critical Value	0.733	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.206	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.284	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.639	k star (bias corrected MLE)	1.167
Theta hat (MLE)	10.1	Theta star (bias corrected MLE)	14.18
nu hat (MLE)	29.5	nu star (bias corrected)	21
MLE Mean (bias corrected)	16.54	MLE Sd (bias corrected)	15.32

Gamma Kaplan-Meier (KM) Statistics

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

k hat (KM)	0.498	nu hat (KM)	28.87
Approximate Chi Square Value (28.87, α)	17.6	Adjusted Chi Square Value (28.87, β)	17.08
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	12.8	95% Gamma Adjusted KM-UCL (use when $n < 50$)	13.19

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	6.025
Maximum	59	Median	0.01
SD	11.76	CV	1.951
k hat (MLE)	0.218	k star (bias corrected MLE)	0.219
Theta hat (MLE)	27.61	Theta star (bias corrected MLE)	27.56
nu hat (MLE)	12.66	nu star (bias corrected)	12.68
MLE Mean (bias corrected)	6.025	MLE Sd (bias corrected)	12.89
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (12.68, α)	5.679	Adjusted Chi Square Value (12.68, β)	5.401
95% Gamma Approximate UCL (use when $n \geq 50$)	13.45	95% Gamma Adjusted UCL (use when $n < 50$)	14.15

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.947	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.829	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.163	Lilliefors GOF Test
5% Lilliefors Critical Value	0.295	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	7.269	Mean in Log Scale	1.371
SD in Original Scale	11.18	SD in Log Scale	1.061
95% t UCL (assumes normality of ROS data)	10.8	95% Percentile Bootstrap UCL	10.93
95% BCA Bootstrap UCL	13.28	95% Bootstrap t UCL	14.67
95% H-UCL (Log ROS)	11.51		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	1.507	95% H-UCL (KM -Log)	11.03
KM SD (logged)	0.956	95% Critical H Value (KM-Log)	2.413
KM Standard Error of Mean (logged)	0.234		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	9.034
SD in Original Scale	10.83
95% t UCL (Assumes normality)	12.46

DL/2 Log-Transformed

Mean in Log Scale	1.753
SD in Log Scale	0.988
95% H-Stat UCL	14.87

DL/2 is not a recommended method, provided for comparisons and historical reasons

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Nonparametric Distribution Free UCL Statistics****Detected Data appear Gamma Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	11.7	95% GROS Adjusted Gamma UCL	14.15
95% Adjusted Gamma KM-UCL	13.19		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

BERYLLIUM, TOTAL (ug/l)**General Statistics**

Total Number of Observations	29	Number of Distinct Observations	8
Number of Detects	8	Number of Non-Detects	21
Number of Distinct Detects	7	Number of Distinct Non-Detects	2
Minimum Detect	0.6	Minimum Non-Detect	0.1
Maximum Detect	12.4	Maximum Non-Detect	0.6
Variance Detects	26.21	Percent Non-Detects	72.41%
Mean Detects	5.144	SD Detects	5.119
Median Detects	2.4	CV Detects	0.995
Skewness Detects	0.769	Kurtosis Detects	-1.547
Mean of Logged Detects	1.088	SD of Logged Detects	1.185

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.789	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.818	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.308	Lilliefors GOF Test
5% Lilliefors Critical Value	0.313	Detected Data appear Normal at 5% Significance Level

Detected Data appear Approximate Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.491	Standard Error of Mean	0.67
SD	3.378	95% KM (BCA) UCL	2.764
95% KM (t) UCL	2.632	95% KM (Percentile Bootstrap) UCL	2.676
95% KM (z) UCL	2.594	95% KM Bootstrap t UCL	3.11
90% KM Chebyshev UCL	3.503	95% KM Chebyshev UCL	4.414
97.5% KM Chebyshev UCL	5.679	99% KM Chebyshev UCL	8.163

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.493	Anderson-Darling GOF Test
5% A-D Critical Value	0.735	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.225	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.301	Detected data appear Gamma Distributed at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Detected data appear Gamma Distributed at 5% Significance Level****Gamma Statistics on Detected Data Only**

k hat (MLE)	1.045	k star (bias corrected MLE)	0.737
Theta hat (MLE)	4.921	Theta star (bias corrected MLE)	6.983
nu hat (MLE)	16.72	nu star (bias corrected)	11.79
MLE Mean (bias corrected)	5.144	MLE Sd (bias corrected)	5.993

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.195	nu hat (KM)	11.31
Approximate Chi Square Value (11.31, α)	4.775	Adjusted Chi Square Value (11.31, β)	4.523
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	3.532	95% Gamma Adjusted KM-UCL (use when $n < 50$)	3.729

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	1.426
Maximum	12.4	Median	0.01
SD	3.465	CV	2.429
k hat (MLE)	0.215	k star (bias corrected MLE)	0.215
Theta hat (MLE)	6.643	Theta star (bias corrected MLE)	6.619
nu hat (MLE)	12.45	nu star (bias corrected)	12.5
MLE Mean (bias corrected)	1.426	MLE Sd (bias corrected)	3.072
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (12.50, α)	5.557	Adjusted Chi Square Value (12.50, β)	5.282
95% Gamma Approximate UCL (use when $n \geq 50$)	3.208	95% Gamma Adjusted UCL (use when $n < 50$)	3.375

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.907	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.818	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.188	Lilliefors GOF Test
5% Lilliefors Critical Value	0.313	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.487	Mean in Log Scale	-2.15
SD in Original Scale	3.441	SD in Log Scale	2.576
95% t UCL (assumes normality of ROS data)	2.574	95% Percentile Bootstrap UCL	2.623
95% BCA Bootstrap UCL	2.858	95% Bootstrap t UCL	3.466
95% H-UCL (Log ROS)	33.94		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-1.367	95% H-UCL (KM -Log)	2.645
KM SD (logged)	1.624	95% Critical H Value (KM-Log)	3.33

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

KM Standard Error of Mean (logged) 0.322

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	1.61
SD in Original Scale	3.389
95% t UCL (Assumes normality)	2.681

DL/2 Log-Transformed

Mean in Log Scale	-0.757
SD in Log Scale	1.41
95% H-Stat UCL	2.835

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Approximate Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	2.632	95% KM (Percentile Bootstrap) UCL	2.676
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

BIS(2-ETHYLHEXYL) PHTHALATE (ug/l)**General Statistics**

Total Number of Observations	25	Number of Distinct Observations	4
Number of Detects	2	Number of Non-Detects	23
Number of Distinct Detects	2	Number of Distinct Non-Detects	2
Minimum Detect	4	Minimum Non-Detect	10
Maximum Detect	61	Maximum Non-Detect	11
Variance Detects	1625	Percent Non-Detects	92%
Mean Detects	32.5	SD Detects	40.31
Median Detects	32.5	CV Detects	1.24
Skewness Detects	N/A	Kurtosis Detects	N/A
Mean of Logged Detects	2.749	SD of Logged Detects	1.927

Warning: Data set has only 2 Detected Values.**This is not enough to compute meaningful or reliable statistics and estimates.****Normal GOF Test on Detects Only****Not Enough Data to Perform GOF Test****Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	6.28	Standard Error of Mean	3.159
SD	11.17	95% KM (BCA) UCL	N/A
95% KM (t) UCL	11.69	95% KM (Percentile Bootstrap) UCL	N/A
95% KM (z) UCL	11.48	95% KM Bootstrap t UCL	N/A

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

90% KM Chebyshev UCL	15.76	95% KM Chebyshev UCL	20.05
97.5% KM Chebyshev UCL	26.01	99% KM Chebyshev UCL	37.71

Gamma GOF Tests on Detected Observations Only**Not Enough Data to Perform GOF Test****Gamma Statistics on Detected Data Only**

k hat (MLE)	0.809	k star (bias corrected MLE)	N/A
Theta hat (MLE)	40.18	Theta star (bias corrected MLE)	N/A
nu hat (MLE)	3.236	nu star (bias corrected)	N/A
MLE Mean (bias corrected)	N/A	MLE Sd (bias corrected)	N/A

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.316	nu hat (KM)	15.81
		Adjusted Level of Significance (β)	0.0395
Approximate Chi Square Value (15.81, α)	7.825	Adjusted Chi Square Value (15.81, β)	7.443
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	12.68	95% Gamma Adjusted KM-UCL (use when $n < 50$)	13.34

Lognormal GOF Test on Detected Observations Only**Not Enough Data to Perform GOF Test****Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	8.338	Mean in Log Scale	1.467
SD in Original Scale	12.53	SD in Log Scale	1.143
95% t UCL (assumes normality of ROS data)	12.63	95% Percentile Bootstrap UCL	12.75
95% BCA Bootstrap UCL	15.11	95% Bootstrap t UCL	18.07
95% H-UCL (Log ROS)	15.58		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	7.24
SD in Original Scale	11.2
95% t UCL (Assumes normality)	11.07

DL/2 Log-Transformed

Mean in Log Scale	1.708
SD in Log Scale	0.503
95% H-Stat UCL	7.664

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Data do not follow a Discernible Distribution at 5% Significance Level****Suggested UCL to Use**

97.5% KM (Chebyshev) UCL 26.01

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****CADMIUM, TOTAL (ug/l)****General Statistics**

Total Number of Observations	29	Number of Distinct Observations	6
Number of Detects	4	Number of Non-Detects	25
Number of Distinct Detects	4	Number of Distinct Non-Detects	2
Minimum Detect	2.2	Minimum Non-Detect	0.2
Maximum Detect	18.1	Maximum Non-Detect	1.9
Variance Detects	54.16	Percent Non-Detects	86.21%
Mean Detects	7.775	SD Detects	7.36
Median Detects	5.4	CV Detects	0.947
Skewness Detects	1.345	Kurtosis Detects	1.207
Mean of Logged Detects	1.698	SD of Logged Detects	0.975

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.857	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.748	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.25	Lilliefors GOF Test
5% Lilliefors Critical Value	0.443	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.245	Standard Error of Mean	0.756
SD	3.525	95% KM (BCA) UCL	N/A
95% KM (t) UCL	2.531	95% KM (Percentile Bootstrap) UCL	N/A
95% KM (z) UCL	2.488	95% KM Bootstrap t UCL	N/A
90% KM Chebyshev UCL	3.512	95% KM Chebyshev UCL	4.539
97.5% KM Chebyshev UCL	5.965	99% KM Chebyshev UCL	8.765

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.341	Anderson-Darling GOF Test
5% A-D Critical Value	0.662	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.29	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.399	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.564	k star (bias corrected MLE)	0.558
Theta hat (MLE)	4.971	Theta star (bias corrected MLE)	13.94
nu hat (MLE)	12.51	nu star (bias corrected)	4.461
MLE Mean (bias corrected)	7.775	MLE Sd (bias corrected)	10.41

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.125	nu hat (KM)	7.233
Approximate Chi Square Value (7.23, α)	2.299	Adjusted Chi Square Value (7.23, β)	2.137
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	3.916	95% Gamma Adjusted KM-UCL (use when $n < 50$)	4.214

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	1.081
Maximum	18.1	Median	0.01
SD	3.637	CV	3.364
k hat (MLE)	0.194	k star (bias corrected MLE)	0.197
Theta hat (MLE)	5.575	Theta star (bias corrected MLE)	5.492
nu hat (MLE)	11.25	nu star (bias corrected)	11.42
MLE Mean (bias corrected)	1.081	MLE Sd (bias corrected)	2.437
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (11.42, α)	4.845	Adjusted Chi Square Value (11.42, β)	4.591
95% Gamma Approximate UCL (use when $n \geq 50$)	2.547	95% Gamma Adjusted UCL (use when $n < 50$)	N/A

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.924	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.748	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.254	Lilliefors GOF Test
5% Lilliefors Critical Value	0.443	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.163	Mean in Log Scale	-3.182
SD in Original Scale	3.616	SD in Log Scale	2.924
95% t UCL (assumes normality of ROS data)	2.306	95% Percentile Bootstrap UCL	2.375
95% BCA Bootstrap UCL	3.222	95% Bootstrap t UCL	6.808
95% H-UCL (Log ROS)	59.38		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-1.153	95% H-UCL (KM -Log)	1.163
KM SD (logged)	1.183	95% Critical H Value (KM-Log)	2.702
KM Standard Error of Mean (logged)	0.254		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	1.774
SD in Original Scale	3.443
95% t UCL (Assumes normality)	2.862

DL/2 Log-Transformed

Mean in Log Scale	-0.12
SD in Log Scale	1.122
95% H-Stat UCL	2.899

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level**

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Suggested UCL to Use**

95% KM (t) UCL 2.531 95% KM (Percentile Bootstrap) UCL N/A

Warning: One or more Recommended UCL(s) not available!

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

COBALT, TOTAL (ug/l)**General Statistics**

Total Number of Observations	8	Number of Distinct Observations	7
Number of Detects	5	Number of Non-Detects	3
Number of Distinct Detects	5	Number of Distinct Non-Detects	2
Minimum Detect	1.1	Minimum Non-Detect	0.6
Maximum Detect	47.5	Maximum Non-Detect	2.9
Variance Detects	415.8	Percent Non-Detects	37.5%
Mean Detects	26.46	SD Detects	20.39
Median Detects	26.4	CV Detects	0.771
Skewness Detects	-0.159	Kurtosis Detects	-2.309
Mean of Logged Detects	2.703	SD of Logged Detects	1.562

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.

For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).

Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.913	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.762	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.225	Lilliefors GOF Test
5% Lilliefors Critical Value	0.396	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	16.83	Standard Error of Mean	7.528
SD	19.04	95% KM (BCA) UCL	28.43
95% KM (t) UCL	31.09	95% KM (Percentile Bootstrap) UCL	28.49
95% KM (z) UCL	29.21	95% KM Bootstrap t UCL	30.77
90% KM Chebyshev UCL	39.41	95% KM Chebyshev UCL	49.64
97.5% KM Chebyshev UCL	63.84	99% KM Chebyshev UCL	91.73

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.406	Anderson-Darling GOF Test
5% A-D Critical Value	0.691	Detected data appear Gamma Distributed at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

K-S Test Statistic	0.231	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.364	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.007	k star (bias corrected MLE)	0.536
Theta hat (MLE)	26.27	Theta star (bias corrected MLE)	49.35
nu hat (MLE)	10.07	nu star (bias corrected)	5.362
MLE Mean (bias corrected)	26.46	MLE Sd (bias corrected)	36.13

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.781	nu hat (KM)	12.49
Approximate Chi Square Value (12.49, α)	5.551	Adjusted Chi Square Value (12.49, β)	4.438
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	37.85	95% Gamma Adjusted KM-UCL (use when $n < 50$)	47.35

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	16.76
Maximum	47.5	Median	6.779
SD	20.42	CV	1.219
k hat (MLE)	0.31	k star (bias corrected MLE)	0.277
Theta hat (MLE)	54.02	Theta star (bias corrected MLE)	60.45
nu hat (MLE)	4.964	nu star (bias corrected)	4.436
MLE Mean (bias corrected)	16.76	MLE Sd (bias corrected)	31.83
		Adjusted Level of Significance (β)	0.0195
Approximate Chi Square Value (4.44, α)	0.901	Adjusted Chi Square Value (4.44, β)	0.569
95% Gamma Approximate UCL (use when $n \geq 50$)	82.51	95% Gamma Adjusted UCL (use when $n < 50$)	130.6

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.819	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.762	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.242	Lilliefors GOF Test
5% Lilliefors Critical Value	0.396	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	16.82	Mean in Log Scale	1.476
SD in Original Scale	20.37	SD in Log Scale	2.12
95% t UCL (assumes normality of ROS data)	30.46	95% Percentile Bootstrap UCL	28.16
95% BCA Bootstrap UCL	28.95	95% Bootstrap t UCL	38.63
95% H-UCL (Log ROS)	7392		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

KM Mean (logged)	1.574	95% H-UCL (KM -Log)	1347
KM SD (logged)	1.838	95% Critical H Value (KM-Log)	5.677
KM Standard Error of Mean (logged)	0.731		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	16.94	Mean in Log Scale	1.632
SD in Original Scale	20.26	SD in Log Scale	1.954
95% t UCL (Assumes normality)	30.51	95% H-Stat UCL	2904

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	31.09	95% KM (Percentile Bootstrap) UCL	28.49
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

COPPER, TOTAL (ug/l)**General Statistics**

Total Number of Observations	29	Number of Distinct Observations	29
Number of Detects	27	Number of Non-Detects	2
Number of Distinct Detects	27	Number of Distinct Non-Detects	2
Minimum Detect	2.2	Minimum Non-Detect	6.3
Maximum Detect	671	Maximum Non-Detect	10.9
Variance Detects	31894	Percent Non-Detects	6.897%
Mean Detects	88.99	SD Detects	178.6
Median Detects	8.6	CV Detects	2.007
Skewness Detects	2.17	Kurtosis Detects	3.87
Mean of Logged Detects	2.754	SD of Logged Detects	1.727

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.544	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.923	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.435	Lilliefors GOF Test
5% Lilliefors Critical Value	0.171	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	83.18	Standard Error of Mean	32.25
SD	170.4	95% KM (BCA) UCL	138.3

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% KM (t) UCL	138	95% KM (Percentile Bootstrap) UCL	139.8
95% KM (z) UCL	136.2	95% KM Bootstrap t UCL	163.5
90% KM Chebyshev UCL	179.9	95% KM Chebyshev UCL	223.8
97.5% KM Chebyshev UCL	284.6	99% KM Chebyshev UCL	404.1

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	3.957	Anderson-Darling GOF Test
5% A-D Critical Value	0.834	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.373	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.181	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.382	k star (bias corrected MLE)	0.364
Theta hat (MLE)	232.8	Theta star (bias corrected MLE)	244.2
nu hat (MLE)	20.64	nu star (bias corrected)	19.68
MLE Mean (bias corrected)	88.99	MLE Sd (bias corrected)	147.4

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.238	nu hat (KM)	13.82
Approximate Chi Square Value (13.82, α)	6.445	Adjusted Chi Square Value (13.82, β)	6.145
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	178.3	95% Gamma Adjusted KM-UCL (use when $n < 50$)	187

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	82.85
Maximum	671	Median	8.2
SD	173.6	CV	2.095
k hat (MLE)	0.315	k star (bias corrected MLE)	0.306
Theta hat (MLE)	262.9	Theta star (bias corrected MLE)	271.1
nu hat (MLE)	18.28	nu star (bias corrected)	17.72
MLE Mean (bias corrected)	82.85	MLE Sd (bias corrected)	149.9
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (17.72, α)	9.191	Adjusted Chi Square Value (17.72, β)	8.824
95% Gamma Approximate UCL (use when $n \geq 50$)	159.8	95% Gamma Adjusted UCL (use when $n < 50$)	166.4

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.796	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.923	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.283	Lilliefors GOF Test
5% Lilliefors Critical Value	0.171	Detected Data Not Lognormal at 5% Significance Level

Detected Data Not Lognormal at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	83.15	Mean in Log Scale	2.659
SD in Original Scale	173.5	SD in Log Scale	1.706
95% t UCL (assumes normality of ROS data)	138	95% Percentile Bootstrap UCL	135.7
95% BCA Bootstrap UCL	152.5	95% Bootstrap t UCL	165.3
95% H-UCL (Log ROS)	186.6		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	83.15
SD in Original Scale	173.5
95% t UCL (Assumes normality)	137.9

DL/2 Log-Transformed

Mean in Log Scale	2.662
SD in Log Scale	1.701
95% H-Stat UCL	184.4

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Data do not follow a Discernible Distribution at 5% Significance Level****Suggested UCL to Use**

99% KM (Chebyshev) UCL 404.1

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

IRON, TOTAL (ug/l)**General Statistics**

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	307	Mean	8777
Maximum	55900	Median	1798
SD	19132	Std. Error of Mean	6764
Coefficient of Variation	2.18	Skewness	2.776

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.**For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).****Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0****Normal GOF Test**

Shapiro Wilk Test Statistic	0.501
5% Shapiro Wilk Critical Value	0.818
Lilliefors Test Statistic	0.436
5% Lilliefors Critical Value	0.313

Shapiro Wilk GOF Test

Data Not Normal at 5% Significance Level

Lilliefors GOF Test

Data Not Normal at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Data Not Normal at 5% Significance Level****Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 21591

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 26997

95% Modified-t UCL (Johnson-1978) 22698

Gamma GOF Test

A-D Test Statistic 0.884

5% A-D Critical Value 0.771

K-S Test Statistic 0.274

5% K-S Critical Value 0.311

Anderson-Darling Gamma GOF Test

Data Not Gamma Distributed at 5% Significance Level

Kolmogrov-Smirnoff Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level**Gamma Statistics**

k hat (MLE) 0.45

Theta hat (MLE) 19497

nu hat (MLE) 7.202

MLE Mean (bias corrected) 8777

Adjusted Level of Significance 0.0195

k star (bias corrected MLE) 0.365

Theta star (bias corrected MLE) 24066

nu star (bias corrected) 5.835

MLE Sd (bias corrected) 14533

Approximate Chi Square Value (0.05) 1.556

Adjusted Chi Square Value 1.065

Assuming Gamma Distribution95% Approximate Gamma UCL (use when $n \geq 50$) 32910**95% Adjusted Gamma UCL (use when $n < 50$) 48081****Lognormal GOF Test**

Shapiro Wilk Test Statistic 0.915

5% Shapiro Wilk Critical Value 0.818

Lilliefors Test Statistic 0.19

5% Lilliefors Critical Value 0.313

Shapiro Wilk Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Lilliefors Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data 5.727

Maximum of Logged Data 10.93

Mean of logged Data 7.645

SD of logged Data 1.647

Assuming Lognormal Distribution

95% H-UCL 199240

95% Chebyshev (MVUE) UCL 21355

99% Chebyshev (MVUE) UCL 40979

90% Chebyshev (MVUE) UCL 16585

97.5% Chebyshev (MVUE) UCL 27975

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL 19902

95% Jackknife UCL 21591

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% Standard Bootstrap UCL	19232	95% Bootstrap-t UCL	135691
95% Hall's Bootstrap UCL	85342	95% Percentile Bootstrap UCL	21938
95% BCA Bootstrap UCL	28604		
90% Chebyshev(Mean, Sd) UCL	29069	95% Chebyshev(Mean, Sd) UCL	38260
97.5% Chebyshev(Mean, Sd) UCL	51018	99% Chebyshev(Mean, Sd) UCL	76078

Suggested UCL to Use

95% Adjusted Gamma UCL 48081

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

LEAD, TOTAL (ug/l)**General Statistics**

Total Number of Observations	29	Number of Distinct Observations	16
Number of Detects	11	Number of Non-Detects	18
Number of Distinct Detects	11	Number of Distinct Non-Detects	6
Minimum Detect	1.8	Minimum Non-Detect	1.4
Maximum Detect	460	Maximum Non-Detect	7.8
Variance Detects	18630	Percent Non-Detects	62.07%
Mean Detects	57.34	SD Detects	136.5
Median Detects	6.2	CV Detects	2.381
Skewness Detects	3.087	Kurtosis Detects	9.753
Mean of Logged Detects	2.432	SD of Logged Detects	1.656

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.465	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.85	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.433	Lilliefors GOF Test
5% Lilliefors Critical Value	0.267	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	22.69	Standard Error of Mean	16.48
SD	84.6	95% KM (BCA) UCL	51.91
95% KM (t) UCL	50.72	95% KM (Percentile Bootstrap) UCL	51.94
95% KM (z) UCL	49.79	95% KM Bootstrap t UCL	420.5
90% KM Chebyshev UCL	72.12	95% KM Chebyshev UCL	94.51
97.5% KM Chebyshev UCL	125.6	99% KM Chebyshev UCL	186.6

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.388	Anderson-Darling GOF Test
5% A-D Critical Value	0.799	Detected Data Not Gamma Distributed at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

K-S Test Statistic	0.352	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.272	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.406	k star (bias corrected MLE)	0.356
Theta hat (MLE)	141.3	Theta star (bias corrected MLE)	161.1
nu hat (MLE)	8.929	nu star (bias corrected)	7.828
MLE Mean (bias corrected)	57.34	MLE Sd (bias corrected)	96.12

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.0719	nu hat (KM)	4.172
Approximate Chi Square Value (4.17, α)	0.791	Adjusted Chi Square Value (4.17, β)	0.71
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	119.7	95% Gamma Adjusted KM-UCL (use when $n < 50$)	133.3

Gamma (KM) may not be used when k hat (KM) is < 0.1 **Gamma ROS Statistics using Imputed Non-Detects**GROS may not be used when data set has $> 50\%$ NDs with many tied observations at multiple DLsGROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	21.75
Maximum	460	Median	0.01
SD	86.34	CV	3.969
k hat (MLE)	0.153	k star (bias corrected MLE)	0.16
Theta hat (MLE)	142.4	Theta star (bias corrected MLE)	136
nu hat (MLE)	8.863	nu star (bias corrected)	9.28
MLE Mean (bias corrected)	21.75	MLE Sd (bias corrected)	54.39
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (9.28, α)	3.497	Adjusted Chi Square Value (9.28, β)	3.287
95% Gamma Approximate UCL (use when $n \geq 50$)	57.73	95% Gamma Adjusted UCL (use when $n < 50$)	61.42

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.871	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.85	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.216	Lilliefors GOF Test
5% Lilliefors Critical Value	0.267	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	21.91	Mean in Log Scale	-0.386
SD in Original Scale	86.3	SD in Log Scale	2.689
95% t UCL (assumes normality of ROS data)	49.17	95% Percentile Bootstrap UCL	53.04
95% BCA Bootstrap UCL	72.21	95% Bootstrap t UCL	399.9
95% H-UCL (Log ROS)	324.6		

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**

KM Mean (logged)	1.171	95% H-UCL (KM -Log)	18.57
KM SD (logged)	1.39	95% Critical H Value (KM-Log)	2.988
KM Standard Error of Mean (logged)	0.273		

DL/2 Statistics**DL/2 Normal**

Mean in Original Scale	22.64
SD in Original Scale	86.11
95% t UCL (Assumes normality)	49.85

DL/2 Log-Transformed

Mean in Log Scale	1.105
SD in Log Scale	1.475
95% H-Stat UCL	21.33

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Lognormal Distributed at 5% Significance Level****Suggested UCL to Use**

97.5% KM (Chebyshev) UCL 125.6

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

MANGANESE, TOTAL (ug/l)**General Statistics**

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	104.1	Mean	603.4
Maximum	1390	Median	368.5
SD	558.5	Std. Error of Mean	197.5
Coefficient of Variation	0.926	Skewness	0.674

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.**For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).****Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0****Normal GOF Test**

Shapiro Wilk Test Statistic	0.807
5% Shapiro Wilk Critical Value	0.818
Lilliefors Test Statistic	0.283
5% Lilliefors Critical Value	0.313

Shapiro Wilk GOF Test

Data Not Normal at 5% Significance Level

Lilliefors GOF Test

Data appear Normal at 5% Significance Level

Data appear Approximate Normal at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 977.5

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 978.4

95% Modified-t UCL (Johnson-1978) 985.3

Gamma GOF Test

A-D Test Statistic 0.549

5% A-D Critical Value 0.733

K-S Test Statistic 0.217

5% K-S Critical Value 0.301

Anderson-Darling Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Kolmogorov-Smirnoff Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE) 1.178

Theta hat (MLE) 512.3

nu hat (MLE) 18.84

MLE Mean (bias corrected) 603.4

Adjusted Level of Significance 0.0195

k star (bias corrected MLE) 0.819

Theta star (bias corrected MLE) 736.4

nu star (bias corrected) 13.11

MLE Sd (bias corrected) 666.6

Approximate Chi Square Value (0.05) 5.967

Adjusted Chi Square Value 4.804

Assuming Gamma Distribution95% Approximate Gamma UCL (use when $n \geq 50$) 132695% Adjusted Gamma UCL (use when $n < 50$) 1647**Lognormal GOF Test**

Shapiro Wilk Test Statistic 0.86

5% Shapiro Wilk Critical Value 0.818

Lilliefors Test Statistic 0.205

5% Lilliefors Critical Value 0.313

Shapiro Wilk Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Lilliefors Lognormal GOF Test

Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level**Lognormal Statistics**

Minimum of Logged Data 4.646

Maximum of Logged Data 7.237

Mean of logged Data 5.921

SD of logged Data 1.111

Assuming Lognormal Distribution

95% H-UCL 3276

95% Chebyshev (MVUE) UCL 1709

99% Chebyshev (MVUE) UCL 3103

90% Chebyshev (MVUE) UCL 1370

97.5% Chebyshev (MVUE) UCL 2179

Nonparametric Distribution Free UCL Statistics**Data appear to follow a Discernible Distribution at 5% Significance Level****Nonparametric Distribution Free UCLs**

95% CLT UCL 928.2

95% Standard Bootstrap UCL 907.2

95% Hall's Bootstrap UCL 874.9

95% Jackknife UCL 977.5

95% Bootstrap-t UCL 1096

95% Percentile Bootstrap UCL 921.8

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% BCA Bootstrap UCL	935.5		
90% Chebyshev(Mean, Sd) UCL	1196	95% Chebyshev(Mean, Sd) UCL	1464
97.5% Chebyshev(Mean, Sd) UCL	1837	99% Chebyshev(Mean, Sd) UCL	2568

Suggested UCL to Use

95% Student's-t UCL 977.5

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)

and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.

For additional insight the user may want to consult a statistician.

NICKEL, TOTAL (ug/l)**General Statistics**

Total Number of Observations	29	Number of Distinct Observations	15
Number of Detects	17	Number of Non-Detects	12
Number of Distinct Detects	14	Number of Distinct Non-Detects	1
Minimum Detect	1.4	Minimum Non-Detect	8.1
Maximum Detect	224	Maximum Non-Detect	8.1
Variance Detects	6594	Percent Non-Detects	41.38%
Mean Detects	59.95	SD Detects	81.21
Median Detects	21.9	CV Detects	1.355
Skewness Detects	1.535	Kurtosis Detects	0.811
Mean of Logged Detects	3.183	SD of Logged Detects	1.475

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.674	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.892	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.306	Lilliefors GOF Test
5% Lilliefors Critical Value	0.215	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	35.95	Standard Error of Mean	12.78
SD	66.74	95% KM (BCA) UCL	60.31
95% KM (t) UCL	57.68	95% KM (Percentile Bootstrap) UCL	59.56
95% KM (z) UCL	56.96	95% KM Bootstrap t UCL	69.67
90% KM Chebyshev UCL	74.28	95% KM Chebyshev UCL	91.64
97.5% KM Chebyshev UCL	115.7	99% KM Chebyshev UCL	163.1

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.902	Anderson-Darling GOF Test
5% A-D Critical Value	0.783	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.195	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.218	Detected data appear Gamma Distributed at 5% Significance Level

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Detected data follow Appr. Gamma Distribution at 5% Significance Level****Gamma Statistics on Detected Data Only**

k hat (MLE)	0.668	k star (bias corrected MLE)	0.59
Theta hat (MLE)	89.7	Theta star (bias corrected MLE)	101.7
nu hat (MLE)	22.72	nu star (bias corrected)	20.05
MLE Mean (bias corrected)	59.95	MLE Sd (bias corrected)	78.07

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.29	nu hat (KM)	16.83
Approximate Chi Square Value (16.83, α)	8.549	Adjusted Chi Square Value (16.83, β)	8.196
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	70.76	95% Gamma Adjusted KM-UCL (use when $n < 50$)	73.8

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	35.15
Maximum	224	Median	10.3
SD	68.34	CV	1.945
k hat (MLE)	0.204	k star (bias corrected MLE)	0.206
Theta hat (MLE)	172.4	Theta star (bias corrected MLE)	170.8
nu hat (MLE)	11.82	nu star (bias corrected)	11.93
MLE Mean (bias corrected)	35.15	MLE Sd (bias corrected)	77.48
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (11.93, α)	5.184	Adjusted Chi Square Value (11.93, β)	4.919
95% Gamma Approximate UCL (use when $n \geq 50$)	80.91	95% Gamma Adjusted UCL (use when $n < 50$)	85.26

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.934	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.892	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.164	Lilliefors GOF Test
5% Lilliefors Critical Value	0.215	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	36.07	Mean in Log Scale	2.036
SD in Original Scale	67.87	SD in Log Scale	1.898
95% t UCL (assumes normality of ROS data)	57.51	95% Percentile Bootstrap UCL	57.68
95% BCA Bootstrap UCL	63.09	95% Bootstrap t UCL	68.34
95% H-UCL (Log ROS)	178.3		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	2.125	95% H-UCL (KM -Log)	101.5
KM SD (logged)	1.68	95% Critical H Value (KM-Log)	3.415

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

KM Standard Error of Mean (logged) 0.335

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	36.82	Mean in Log Scale	2.445
SD in Original Scale	67.48	SD in Log Scale	1.43
95% t UCL (Assumes normality)	58.13	95% H-Stat UCL	72.92

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Approximate Gamma Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (BCA) UCL	60.31	95% GROS Adjusted Gamma UCL	85.26
95% Adjusted Gamma KM-UCL	73.8		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

SELENIUM, TOTAL (ug/l)**General Statistics**

Total Number of Observations	18	Number of Distinct Observations	14
Number of Detects	11	Number of Non-Detects	7
Number of Distinct Detects	11	Number of Distinct Non-Detects	3
Minimum Detect	1.9	Minimum Non-Detect	1.3
Maximum Detect	42.1	Maximum Non-Detect	8
Variance Detects	191.4	Percent Non-Detects	38.89%
Mean Detects	18.75	SD Detects	13.83
Median Detects	16	CV Detects	0.738
Skewness Detects	0.383	Kurtosis Detects	-1.18
Mean of Logged Detects	2.566	SD of Logged Detects	1.011

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.923	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.85	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.155	Lilliefors GOF Test
5% Lilliefors Critical Value	0.267	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	12	Standard Error of Mean	3.298
SD	13.34	95% KM (BCA) UCL	17.13
95% KM (t) UCL	17.74	95% KM (Percentile Bootstrap) UCL	17.24

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% KM (z) UCL	17.43	95% KM Bootstrap t UCL	19.3
90% KM Chebyshev UCL	21.9	95% KM Chebyshev UCL	26.38
97.5% KM Chebyshev UCL	32.6	99% KM Chebyshev UCL	44.82

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.322	Anderson-Darling GOF Test
5% A-D Critical Value	0.742	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.21	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.26	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.515	k star (bias corrected MLE)	1.162
Theta hat (MLE)	12.38	Theta star (bias corrected MLE)	16.13
nu hat (MLE)	33.32	nu star (bias corrected)	25.57
MLE Mean (bias corrected)	18.75	MLE Sd (bias corrected)	17.39

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.81	nu hat (KM)	29.17
Approximate Chi Square Value (29.17, α)	17.84	Adjusted Chi Square Value (29.17, β)	16.99
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	19.63	95% Gamma Adjusted KM-UCL (use when $n < 50$)	20.61

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	11.46
Maximum	42.1	Median	4.55
SD	14.17	CV	1.237
k hat (MLE)	0.264	k star (bias corrected MLE)	0.257
Theta hat (MLE)	43.33	Theta star (bias corrected MLE)	44.52
nu hat (MLE)	9.52	nu star (bias corrected)	9.267
MLE Mean (bias corrected)	11.46	MLE Sd (bias corrected)	22.59
		Adjusted Level of Significance (β)	0.0357
Approximate Chi Square Value (9.27, α)	3.489	Adjusted Chi Square Value (9.27, β)	3.156
95% Gamma Approximate UCL (use when $n \geq 50$)	30.44	95% Gamma Adjusted UCL (use when $n < 50$)	33.65

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.922	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.85	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.208	Lilliefors GOF Test
5% Lilliefors Critical Value	0.267	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Mean in Original Scale	11.98	Mean in Log Scale	1.639
SD in Original Scale	13.74	SD in Log Scale	1.466
95% t UCL (assumes normality of ROS data)	17.62	95% Percentile Bootstrap UCL	17.54
95% BCA Bootstrap UCL	18.39	95% Bootstrap t UCL	19.06
95% H-UCL (Log ROS)	50.13		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	1.688	95% H-UCL (KM -Log)	37.27
KM SD (logged)	1.341	95% Critical H Value (KM-Log)	3.168
KM Standard Error of Mean (logged)	0.333		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	11.9	Mean in Log Scale	1.513
SD in Original Scale	13.82	SD in Log Scale	1.615
95% t UCL (Assumes normality)	17.57	95% H-Stat UCL	69.36

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	17.74	95% KM (Percentile Bootstrap) UCL	17.24
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

SILVER, TOTAL (ug/l)**General Statistics**

Total Number of Observations	29	Number of Distinct Observations	9
Number of Detects	6	Number of Non-Detects	23
Number of Distinct Detects	6	Number of Distinct Non-Detects	3
Minimum Detect	0.72	Minimum Non-Detect	0.7
Maximum Detect	9.9	Maximum Non-Detect	2.3
Variance Detects	15.54	Percent Non-Detects	79.31%
Mean Detects	4.947	SD Detects	3.942
Median Detects	4.7	CV Detects	0.797
Skewness Detects	0.161	Kurtosis Detects	-1.971
Mean of Logged Detects	1.154	SD of Logged Detects	1.18

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.9	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.788	Detected Data appear Normal at 5% Significance Level	

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

Lilliefors Test Statistic	0.189	Lilliefors GOF Test
5% Lilliefors Critical Value	0.362	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.593	Standard Error of Mean	0.482
SD	2.369	95% KM (BCA) UCL	2.521
95% KM (t) UCL	2.413	95% KM (Percentile Bootstrap) UCL	2.445
95% KM (z) UCL	2.386	95% KM Bootstrap t UCL	2.56
90% KM Chebyshev UCL	3.039	95% KM Chebyshev UCL	3.694
97.5% KM Chebyshev UCL	4.603	99% KM Chebyshev UCL	6.389

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.444	Anderson-Darling GOF Test
5% A-D Critical Value	0.711	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.234	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.339	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	1.265	k star (bias corrected MLE)	0.744
Theta hat (MLE)	3.91	Theta star (bias corrected MLE)	6.651
nu hat (MLE)	15.18	nu star (bias corrected)	8.924
MLE Mean (bias corrected)	4.947	MLE Sd (bias corrected)	5.736

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.452	nu hat (KM)	26.23
Approximate Chi Square Value (26.23, α)	15.55	Adjusted Chi Square Value (26.23, β)	15.06
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	2.686	95% Gamma Adjusted KM-UCL (use when $n < 50$)	2.774

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	1.344
Maximum	9.9	Median	0.01
SD	2.619	CV	1.949
k hat (MLE)	0.258	k star (bias corrected MLE)	0.254
Theta hat (MLE)	5.208	Theta star (bias corrected MLE)	5.284
nu hat (MLE)	14.97	nu star (bias corrected)	14.75
MLE Mean (bias corrected)	1.344	MLE Sd (bias corrected)	2.665
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (14.75, α)	7.088	Adjusted Chi Square Value (14.75, β)	6.772
95% Gamma Approximate UCL (use when $n \geq 50$)	2.796	95% Gamma Adjusted UCL (use when $n < 50$)	2.927

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects****Lognormal GOF Test on Detected Observations Only**

Shapiro Wilk Test Statistic	0.836	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.788	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.22	Lilliefors GOF Test
5% Lilliefors Critical Value	0.362	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.408	Mean in Log Scale	-0.857
SD in Original Scale	2.53	SD in Log Scale	1.611
95% t UCL (assumes normality of ROS data)	2.207	95% Percentile Bootstrap UCL	2.273
95% BCA Bootstrap UCL	2.467	95% Bootstrap t UCL	2.859
95% H-UCL (Log ROS)	4.262		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-0.0241	95% H-UCL (KM -Log)	1.825
KM SD (logged)	0.777	95% Critical H Value (KM-Log)	2.208
KM Standard Error of Mean (logged)	0.159		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	1.877	Mean in Log Scale	0.264
SD in Original Scale	2.316	SD in Log Scale	0.745
95% t UCL (Assumes normality)	2.608	95% H-Stat UCL	2.334

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	2.413	95% KM (Percentile Bootstrap) UCL	2.445
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

THALLIUM, TOTAL (ug/l)**General Statistics**

Total Number of Observations	15	Number of Distinct Observations	7
Number of Detects	2	Number of Non-Detects	13
Number of Distinct Detects	2	Number of Distinct Non-Detects	5
Minimum Detect	3.9	Minimum Non-Detect	1.3
Maximum Detect	6.4	Maximum Non-Detect	9.5
Variance Detects	3.125	Percent Non-Detects	86.67%

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Mean Detects	5.15	SD Detects	1.768
Median Detects	5.15	CV Detects	0.343
Skewness Detects	N/A	Kurtosis Detects	N/A
Mean of Logged Detects	1.609	SD of Logged Detects	0.35

Warning: Data set has only 2 Detected Values.**This is not enough to compute meaningful or reliable statistics and estimates.****Normal GOF Test on Detects Only****Not Enough Data to Perform GOF Test****Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	1.892	Standard Error of Mean	0.578
SD	1.473	95% KM (BCA) UCL	N/A
95% KM (t) UCL	2.91	95% KM (Percentile Bootstrap) UCL	N/A
95% KM (z) UCL	2.843	95% KM Bootstrap t UCL	N/A
90% KM Chebyshev UCL	3.626	95% KM Chebyshev UCL	4.411
97.5% KM Chebyshev UCL	5.501	99% KM Chebyshev UCL	7.641

Gamma GOF Tests on Detected Observations Only**Not Enough Data to Perform GOF Test****Gamma Statistics on Detected Data Only**

k hat (MLE)	16.63	k star (bias corrected MLE)	N/A
Theta hat (MLE)	0.31	Theta star (bias corrected MLE)	N/A
nu hat (MLE)	66.54	nu star (bias corrected)	N/A
MLE Mean (bias corrected)	N/A	MLE Sd (bias corrected)	N/A

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	1.65	nu hat (KM)	49.51
		Adjusted Level of Significance (β)	0.0324
Approximate Chi Square Value (49.51, α)	34.35	Adjusted Chi Square Value (49.51, β)	32.8
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	2.727	95% Gamma Adjusted KM-UCL (use when $n < 50$)	2.856

Lognormal GOF Test on Detected Observations Only**Not Enough Data to Perform GOF Test****Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	1.261	Mean in Log Scale	-0.312
SD in Original Scale	1.692	SD in Log Scale	1.003
95% t UCL (assumes normality of ROS data)	2.031	95% Percentile Bootstrap UCL	2.025
95% BCA Bootstrap UCL	2.368	95% Bootstrap t UCL	3.98
95% H-UCL (Log ROS)	2.528		

DL/2 Statistics

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	2.003	Mean in Log Scale	0.332
SD in Original Scale	1.922	SD in Log Scale	0.836
95% t UCL (Assumes normality)	2.877	95% H-Stat UCL	3.451

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Data do not follow a Discernible Distribution at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	2.91	95% KM (% Bootstrap) UCL	N/A
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Warning: One or more Recommended UCL(s) not available!

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

TRICHLOROETHYLENE (ug/l)**General Statistics**

Total Number of Observations	25	Number of Distinct Observations	4
Number of Detects	6	Number of Non-Detects	19
Number of Distinct Detects	3	Number of Distinct Non-Detects	1
Minimum Detect	0.3	Minimum Non-Detect	1
Maximum Detect	0.9	Maximum Non-Detect	1
Variance Detects	0.048	Percent Non-Detects	76%
Mean Detects	0.5	SD Detects	0.219
Median Detects	0.5	CV Detects	0.438
Skewness Detects	1.369	Kurtosis Detects	2.5
Mean of Logged Detects	-0.765	SD of Logged Detects	0.409

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.814	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.788	Detected Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.333	Lilliefors GOF Test
5% Lilliefors Critical Value	0.362	Detected Data appear Normal at 5% Significance Level

Detected Data appear Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	0.5	Standard Error of Mean	0.0894
SD	0.2	95% KM (BCA) UCL	N/A
95% KM (t) UCL	0.653	95% KM (Percentile Bootstrap) UCL	N/A
95% KM (z) UCL	0.647	95% KM Bootstrap t UCL	N/A
90% KM Chebyshev UCL	0.768	95% KM Chebyshev UCL	0.89
97.5% KM Chebyshev UCL	1.059	99% KM Chebyshev UCL	1.39

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Gamma GOF Tests on Detected Observations Only**

A-D Test Statistic	0.545	Anderson-Darling GOF Test
5% A-D Critical Value	0.698	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.283	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.333	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	7.077	k star (bias corrected MLE)	3.65
Theta hat (MLE)	0.0707	Theta star (bias corrected MLE)	0.137
nu hat (MLE)	84.93	nu star (bias corrected)	43.8
MLE Mean (bias corrected)	0.5	MLE Sd (bias corrected)	0.262

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	6.25	nu hat (KM)	312.5
Approximate Chi Square Value (312.50, α)	272.5	Adjusted Chi Square Value (312.50, β)	270
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	0.573	95% Gamma Adjusted KM-UCL (use when $n < 50$)	0.579

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.145	Mean	0.506
Maximum	0.999	Median	0.5
SD	0.224	CV	0.442
k hat (MLE)	5.094	k star (bias corrected MLE)	4.509
Theta hat (MLE)	0.0994	Theta star (bias corrected MLE)	0.112
nu hat (MLE)	254.7	nu star (bias corrected)	225.5
MLE Mean (bias corrected)	0.506	MLE Sd (bias corrected)	0.238
		Adjusted Level of Significance (β)	0.0395
Approximate Chi Square Value (225.47, α)	191.7	Adjusted Chi Square Value (225.47, β)	189.6
95% Gamma Approximate UCL (use when $n \geq 50$)	0.595	95% Gamma Adjusted UCL (use when $n < 50$)	0.602

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.864	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.788	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.263	Lilliefors GOF Test
5% Lilliefors Critical Value	0.362	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	0.506	Mean in Log Scale	-0.765
SD in Original Scale	0.217	SD in Log Scale	0.42
95% t UCL (assumes normality of ROS data)	0.58	95% Percentile Bootstrap UCL	0.576

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

95% BCA Bootstrap UCL	0.58	95% Bootstrap t UCL	0.591
95% H-UCL (Log ROS)	0.598		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	-0.765	95% H-UCL (KM -Log)	0.575
KM SD (logged)	0.373	95% Critical H Value (KM-Log)	1.862
KM Standard Error of Mean (logged)	0.167		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	0.5	Mean in Log Scale	-0.711
SD in Original Scale	0.1	SD in Log Scale	0.189
95% t UCL (Assumes normality)	0.534	95% H-Stat UCL	0.535

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Normal Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (t) UCL	0.653	95% KM (Percentile Bootstrap) UCL	N/A
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Warning: One or more Recommended UCL(s) not available!

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

VANADIUM, TOTAL (ug/l)**General Statistics**

Total Number of Observations	8	Number of Distinct Observations	8
Number of Detects	7	Number of Non-Detects	1
Number of Distinct Detects	7	Number of Distinct Non-Detects	1
Minimum Detect	0.65	Minimum Non-Detect	0.5
Maximum Detect	83.2	Maximum Non-Detect	0.5
Variance Detects	1126	Percent Non-Detects	12.5%
Mean Detects	24.85	SD Detects	33.55
Median Detects	10.8	CV Detects	1.35
Skewness Detects	1.296	Kurtosis Detects	-0.0709
Mean of Logged Detects	2.085	SD of Logged Detects	1.828

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.**For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).****Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0**

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic	0.747	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.803	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.366	Lilliefors GOF Test
5% Lilliefors Critical Value	0.335	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	21.81	Standard Error of Mean	11.51
SD	30.15	95% KM (BCA) UCL	41.19
95% KM (t) UCL	43.62	95% KM (Percentile Bootstrap) UCL	40.76
95% KM (z) UCL	40.75	95% KM Bootstrap t UCL	132.3
90% KM Chebyshev UCL	56.35	95% KM Chebyshev UCL	72
97.5% KM Chebyshev UCL	93.71	99% KM Chebyshev UCL	136.4

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.355	Anderson-Darling GOF Test
5% A-D Critical Value	0.748	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.224	Kolmogrov-Smirnoff GOF
5% K-S Critical Value	0.326	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.554	k star (bias corrected MLE)	0.412
Theta hat (MLE)	44.84	Theta star (bias corrected MLE)	60.32
nu hat (MLE)	7.759	nu star (bias corrected)	5.767
MLE Mean (bias corrected)	24.85	MLE Sd (bias corrected)	38.72

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.523	nu hat (KM)	8.369
Approximate Chi Square Value (8.37, α)	2.95	Adjusted Chi Square Value (8.37, β)	2.2
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	61.85	95% Gamma Adjusted KM-UCL (use when $n < 50$)	82.97

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	21.75
Maximum	83.2	Median	7.35
SD	32.28	CV	1.484
k hat (MLE)	0.365	k star (bias corrected MLE)	0.311
Theta hat (MLE)	59.61	Theta star (bias corrected MLE)	69.84
nu hat (MLE)	5.837	nu star (bias corrected)	4.981
MLE Mean (bias corrected)	21.75	MLE Sd (bias corrected)	38.97
		Adjusted Level of Significance (β)	0.0195

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Approximate Chi Square Value (4.98, α)	1.144	Adjusted Chi Square Value (4.98, β)	0.748
95% Gamma Approximate UCL (use when $n \geq 50$)	94.72	95% Gamma Adjusted UCL (use when $n < 50$)	144.7

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.944	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.803	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.154	Lilliefors GOF Test
5% Lilliefors Critical Value	0.335	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	21.75	Mean in Log Scale	1.514
SD in Original Scale	32.27	SD in Log Scale	2.339
95% t UCL (assumes normality of ROS data)	43.37	95% Percentile Bootstrap UCL	39.89
95% BCA Bootstrap UCL	44.82	95% Bootstrap t UCL	129.9
95% H-UCL (Log ROS)	37222		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	1.738	95% H-UCL (KM -Log)	1522
KM SD (logged)	1.831	95% Critical H Value (KM-Log)	5.657
KM Standard Error of Mean (logged)	0.699		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	21.78	Mean in Log Scale	1.651
SD in Original Scale	32.26	SD in Log Scale	2.091
95% t UCL (Assumes normality)	43.38	95% H-Stat UCL	7243

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Gamma Distributed at 5% Significance Level****Suggested UCL to Use**

95% KM (Chebyshev) UCL	72	95% GROS Adjusted Gamma UCL	144.7
95% Adjusted Gamma KM-UCL	82.97		

Warning: Recommended UCL exceeds the maximum observation

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

ZINC, TOTAL (ug/l)**General Statistics**

Total Number of Observations	29	Number of Distinct Observations	25
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Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

Number of Detects	13	Number of Non-Detects	16
Number of Distinct Detects	12	Number of Distinct Non-Detects	13
Minimum Detect	20.4	Minimum Non-Detect	0.5
Maximum Detect	6940	Maximum Non-Detect	146
Variance Detects	4533014	Percent Non-Detects	55.17%
Mean Detects	1372	SD Detects	2129
Median Detects	95.9	CV Detects	1.552
Skewness Detects	1.759	Kurtosis Detects	2.893
Mean of Logged Detects	5.457	SD of Logged Detects	2.212

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.698	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.866	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.308	Lilliefors GOF Test
5% Lilliefors Critical Value	0.246	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

Mean	618	Standard Error of Mean	295.5
SD	1529	95% KM (BCA) UCL	1145
95% KM (t) UCL	1121	95% KM (Percentile Bootstrap) UCL	1113
95% KM (z) UCL	1104	95% KM Bootstrap t UCL	1724
90% KM Chebyshev UCL	1505	95% KM Chebyshev UCL	1906
97.5% KM Chebyshev UCL	2463	99% KM Chebyshev UCL	3558

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.908	Anderson-Darling GOF Test
5% A-D Critical Value	0.815	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.254	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.254	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics on Detected Data Only**

k hat (MLE)	0.376	k star (bias corrected MLE)	0.341
Theta hat (MLE)	3646	Theta star (bias corrected MLE)	4026
nu hat (MLE)	9.781	nu star (bias corrected)	8.857
MLE Mean (bias corrected)	1372	MLE Sd (bias corrected)	2350

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.163	nu hat (KM)	9.477
Approximate Chi Square Value (9.48, α)	3.618	Adjusted Chi Square Value (9.48, β)	3.404
95% Gamma Approximate KM-UCL (use when $n \geq 50$)	1619	95% Gamma Adjusted KM-UCL (use when $n < 50$)	1721

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detected data is small such as < 0.1

Attachment H-3

ProUCL Output - Surface Water*Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey***UCL Statistics for Data Sets with Non-Detects**

For such situations, GROS method tends to yield inflated values of UCLs and BTVs

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	614.9
Maximum	6940	Median	0.01
SD	1557	CV	2.532
k hat (MLE)	0.122	k star (bias corrected MLE)	0.132
Theta hat (MLE)	5061	Theta star (bias corrected MLE)	4661
nu hat (MLE)	7.047	nu star (bias corrected)	7.651
MLE Mean (bias corrected)	614.9	MLE Sd (bias corrected)	1693
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (7.65, α)	2.535	Adjusted Chi Square Value (7.65, β)	2.362
95% Gamma Approximate UCL (use when $n \geq 50$)	1856	95% Gamma Adjusted UCL (use when $n < 50$)	1992

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.867	Shapiro Wilk GOF Test
5% Shapiro Wilk Critical Value	0.866	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.195	Lilliefors GOF Test
5% Lilliefors Critical Value	0.246	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Lognormal at 5% Significance Level**Lognormal ROS Statistics Using Imputed Non-Detects**

Mean in Original Scale	616.2	Mean in Log Scale	2.597
SD in Original Scale	1557	SD in Log Scale	3.096
95% t UCL (assumes normality of ROS data)	1108	95% Percentile Bootstrap UCL	1114
95% BCA Bootstrap UCL	1334	95% Bootstrap t UCL	1716
95% H-UCL (Log ROS)	45467		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	2.364	95% H-UCL (KM -Log)	109952
KM SD (logged)	3.305	95% Critical H Value (KM-Log)	6.055
KM Standard Error of Mean (logged)	0.669		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	627	Mean in Log Scale	3.517
SD in Original Scale	1552	SD in Log Scale	2.706
95% t UCL (Assumes normality)	1117	95% H-Stat UCL	17346

DL/2 is not a recommended method, provided for comparisons and historical reasons**Nonparametric Distribution Free UCL Statistics****Detected Data appear Lognormal Distributed at 5% Significance Level****Suggested UCL to Use**

99% KM (Chebyshev) UCL 3558

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Attachment H-3

ProUCL Output - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

UCL Statistics for Data Sets with Non-Detects

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Attachment H-4 Background Evaluation

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Receptor Population: Maintenance Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Calculation of Background-Related Risks																
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	5.2E-03	mg/kg/day	NA	NA	NA	1.4E-02	mg/kg/day	1.0E+00	mg/kg/day	1.4E-02
				ANTIMONY	2.2E+00	mg/kg	5.9E-07	mg/kg/day	NA	NA	NA	1.7E-06	mg/kg/day	4.0E-04	mg/kg/day	4.2E-03
				ARSENIC	6.5E+01	mg/kg	1.8E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-05	5.0E-05	mg/kg/day	3.0E-04	mg/kg/day	1.7E-01
				CADMIUM	1.1E+00	mg/kg	2.9E-07	mg/kg/day	NA	NA	NA	8.2E-07	mg/kg/day	1.0E-03	mg/kg/day	8.2E-04
				COBALT	1.1E+01	mg/kg	3.0E-06	mg/kg/day	NA	NA	NA	8.4E-06	mg/kg/day	3.0E-04	mg/kg/day	2.8E-02
				IRON	4.0E+04	mg/kg	1.1E-02	mg/kg/day	NA	NA	NA	3.1E-02	mg/kg/day	7.0E-01	mg/kg/day	4.4E-02
				MANGANESE	2.8E+02	mg/kg	7.7E-05	mg/kg/day	NA	NA	NA	2.1E-04	mg/kg/day	1.4E-01	mg/kg/day	1.5E-03
				MERCURY	1.0E+00	mg/kg	2.7E-07	mg/kg/day	NA	NA	NA	7.7E-07	mg/kg/day	3.0E-04	mg/kg/day	2.6E-03
				THALLIUM	6.5E-01	mg/kg	1.8E-07	mg/kg/day	NA	NA	NA	5.0E-07	mg/kg/day	1.0E-05	mg/kg/day	5.0E-02
			VANADIUM	5.8E+01	mg/kg	1.6E-05	mg/kg/day	NA	NA	NA	4.5E-05	mg/kg/day	5.0E-03	mg/kg/day	9.0E-03	
			Exp. Route Total							3E-05					3.2E-01	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	2.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.5E+01	mg/kg	2.3E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-06	6.4E-06	mg/kg/day	3.0E-04	mg/kg/day	2.1E-02
				CADMIUM	1.1E+00	mg/kg	1.2E-09	mg/kg/day	NA	NA	NA	3.5E-09	mg/kg/day	2.5E-05	mg/kg/day	1.4E-04
				COBALT	1.1E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	4.0E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	2.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	1.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	6.5E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
			VANADIUM	5.8E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA	
			Exp. Route Total							3E-06					2.1E-02	
			Exposure Point Total							3E-05					3.4E-01	
			Exposure Medium Total							3E-05					3.4E-01	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Receptor Population: Maintenance Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	1.8E-06	mg/m³	NA	NA	NA	5.2E-06	mg/m³	5.0E-03	mg/m3	1.0E-03	
				ANTIMONY	2.9E-09	mg/m³	2.1E-10	mg/m³	NA	NA	NA	5.9E-10	mg/m³	NA	NA	NA	
				ARSENIC	8.7E-08	mg/m³	6.4E-09	mg/m³	4.3E-03	1/(ug/m3)	3E-08	1.8E-08	mg/m³	1.5E-05	mg/m3	1.2E-03	
				CADMIUM	1.4E-09	mg/m³	1.0E-10	mg/m³	1.8E-03	1/(ug/m3)	2E-10	2.9E-10	mg/m³	1.0E-05	mg/m3	2.9E-05	
				COBALT	1.5E-08	mg/m³	1.1E-09	mg/m³	9.0E-03	1/(ug/m3)	1E-08	3.0E-09	mg/m³	6.0E-06	mg/m3	5.0E-04	
				IRON	5.4E-05	mg/m³	3.9E-06	mg/m³	NA	NA	NA	1.1E-05	mg/m³	NA	NA	NA	
				MANGANESE	3.7E-07	mg/m³	2.7E-08	mg/m³	NA	NA	NA	7.6E-08	mg/m³	5.0E-05	mg/m3	1.5E-03	
				MERCURY	1.3E-09	mg/m³	9.7E-11	mg/m³	NA	NA	NA	2.7E-10	mg/m³	3.0E-04	mg/m3	9.1E-07	
				THALLIUM	8.6E-10	mg/m³	6.3E-11	mg/m³	NA	NA	NA	1.8E-10	mg/m³	NA	NA	NA	
				VANADIUM	7.8E-08	mg/m³	5.7E-09	mg/m³	NA	NA	NA	1.6E-08	mg/m³	1.0E-04	mg/m3	1.6E-04	
		Exp. Route Total											4E-08				4.4E-03
		Exposure Point Total											4E-08				4.4E-03
	Exposure Medium Total											4E-08				4.4E-03	
Surface Soil Total									3E-05				3.5E-01				
Receptor Total									3E-05				3.5E-01				

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.2.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Calculation of Background-Related Risks																
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	9.6E-04	mg/kg/day	NA	NA	NA	3.3E-03	mg/kg/day	1.0E+00	mg/kg/day	3.3E-03
				ANTIMONY	2.2E+00	mg/kg	1.1E-07	mg/kg/day	NA	NA	NA	3.8E-07	mg/kg/day	4.0E-04	mg/kg/day	9.6E-04
				ARSENIC	6.5E+01	mg/kg	3.3E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	5E-06	1.2E-05	mg/kg/day	3.0E-04	mg/kg/day	3.9E-02
				CADMIUM	1.1E+00	mg/kg	5.4E-08	mg/kg/day	NA	NA	NA	1.9E-07	mg/kg/day	1.0E-03	mg/kg/day	1.9E-04
				COBALT	1.1E+01	mg/kg	5.5E-07	mg/kg/day	NA	NA	NA	1.9E-06	mg/kg/day	3.0E-04	mg/kg/day	6.5E-03
				IRON	4.0E+04	mg/kg	2.1E-03	mg/kg/day	NA	NA	NA	7.2E-03	mg/kg/day	7.0E-01	mg/kg/day	1.0E-02
				MANGANESE	2.8E+02	mg/kg	1.4E-05	mg/kg/day	NA	NA	NA	5.0E-05	mg/kg/day	1.4E-01	mg/kg/day	3.5E-04
				MERCURY	1.0E+00	mg/kg	5.1E-08	mg/kg/day	NA	NA	NA	1.8E-07	mg/kg/day	3.0E-04	mg/kg/day	5.9E-04
				THALLIUM	6.5E-01	mg/kg	3.3E-08	mg/kg/day	NA	NA	NA	1.2E-07	mg/kg/day	1.0E-05	mg/kg/day	1.2E-02
			VANADIUM	5.8E+01	mg/kg	3.0E-06	mg/kg/day	NA	NA	NA	1.0E-05	mg/kg/day	5.0E-03	mg/kg/day	2.1E-03	
			Exp. Route Total							5E-06				7.4E-02		
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	2.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.5E+01	mg/kg	4.2E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	6E-07	1.5E-06	mg/kg/day	3.0E-04	mg/kg/day	4.9E-03
				CADMIUM	1.1E+00	mg/kg	2.3E-10	mg/kg/day	NA	NA	NA	8.0E-10	mg/kg/day	2.5E-05	mg/kg/day	3.2E-05
				COBALT	1.1E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	4.0E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	2.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	1.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	6.5E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
			VANADIUM	5.8E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA	
			Exp. Route Total							6E-07				4.9E-03		
			Exposure Point Total							6E-06				7.9E-02		
			Exposure Medium Total							6E-06				7.9E-02		

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.2.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	2.6E-07	mg/m³	NA	NA	NA	8.9E-07	mg/m³	5.0E-03	mg/m3	1.8E-04
				ANTIMONY	2.9E-09	mg/m³	2.9E-11	mg/m³	NA	NA	NA	1.0E-10	mg/m³	NA	NA	NA
				ARSENIC	8.7E-08	mg/m³	8.8E-10	mg/m³	4.3E-03	1/(ug/m3)	4E-09	3.1E-09	mg/m³	1.5E-05	mg/m3	2.1E-04
				CADMIUM	1.4E-09	mg/m³	1.4E-11	mg/m³	1.8E-03	1/(ug/m3)	3E-11	5.0E-11	mg/m³	1.0E-05	mg/m3	5.0E-06
				COBALT	1.5E-08	mg/m³	1.5E-10	mg/m³	9.0E-03	1/(ug/m3)	1E-09	5.2E-10	mg/m³	6.0E-06	mg/m3	8.6E-05
				IRON	5.4E-05	mg/m³	5.5E-07	mg/m³	NA	NA	NA	1.9E-06	mg/m³	NA	NA	NA
				MANGANESE	3.7E-07	mg/m³	3.8E-09	mg/m³	NA	NA	NA	1.3E-08	mg/m³	5.0E-05	mg/m3	2.6E-04
				MERCURY	1.3E-09	mg/m³	1.3E-11	mg/m³	NA	NA	NA	4.7E-11	mg/m³	3.0E-04	mg/m3	1.6E-07
				THALLIUM	8.6E-10	mg/m³	8.8E-12	mg/m³	NA	NA	NA	3.1E-11	mg/m³	NA	NA	NA
				VANADIUM	7.8E-08	mg/m³	7.9E-10	mg/m³	NA	NA	NA	2.8E-09	mg/m³	1.0E-04	mg/m3	2.8E-05
			Exp. Route Total								5E-09					7.7E-04
	Exposure Point Total								5E-09					7.7E-04		
	Exposure Medium Total								5E-09					7.7E-04		
Surface Soil Total										6E-06					8.0E-02	
Receptor Total										6E-06					8.0E-02	

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.3.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Calculation of Background-Related Risks																
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	8.7E-04	mg/kg/day	NA	NA	NA	6.1E-03	mg/kg/day	1.0E+00	mg/kg/day	6.1E-03
				ANTIMONY	2.2E+00	mg/kg	1.0E-07	mg/kg/day	NA	NA	NA	7.0E-07	mg/kg/day	4.0E-04	mg/kg/day	1.7E-03
				ARSENIC	6.5E+01	mg/kg	3.0E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	5E-06	2.1E-05	mg/kg/day	3.0E-04	mg/kg/day	7.0E-02
				CADMIUM	1.1E+00	mg/kg	4.9E-08	mg/kg/day	NA	NA	NA	3.4E-07	mg/kg/day	1.0E-03	mg/kg/day	3.4E-04
				COBALT	1.1E+01	mg/kg	5.0E-07	mg/kg/day	NA	NA	NA	3.5E-06	mg/kg/day	3.0E-04	mg/kg/day	1.2E-02
				IRON	4.0E+04	mg/kg	1.9E-03	mg/kg/day	NA	NA	NA	1.3E-02	mg/kg/day	7.0E-01	mg/kg/day	1.9E-02
				MANGANESE	2.8E+02	mg/kg	1.3E-05	mg/kg/day	NA	NA	NA	9.0E-05	mg/kg/day	1.4E-01	mg/kg/day	6.4E-04
				MERCURY	1.0E+00	mg/kg	4.6E-08	mg/kg/day	NA	NA	NA	3.2E-07	mg/kg/day	3.0E-04	mg/kg/day	1.1E-03
				THALLIUM	6.5E-01	mg/kg	3.0E-08	mg/kg/day	NA	NA	NA	2.1E-07	mg/kg/day	1.0E-05	mg/kg/day	2.1E-02
			VANADIUM	5.8E+01	mg/kg	2.7E-06	mg/kg/day	NA	NA	NA	1.9E-05	mg/kg/day	5.0E-03	mg/kg/day	3.8E-03	
			Exp. Route Total						5E-06						1.4E-01	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	2.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.5E+01	mg/kg	2.8E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	4E-07	2.0E-06	mg/kg/day	3.0E-04	mg/kg/day	6.6E-03
				CADMIUM	1.1E+00	mg/kg	1.5E-10	mg/kg/day	NA	NA	NA	1.1E-09	mg/kg/day	2.5E-05	mg/kg/day	4.3E-05
				COBALT	1.1E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	4.0E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	2.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	1.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	6.5E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
			VANADIUM	5.8E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA	
			Exp. Route Total						4E-07						6.7E-03	
			Exposure Point Total						5E-06						1.4E-01	
			Exposure Medium Total						5E-06						1.4E-01	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.3.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m ³	1.3E-07	mg/m ³	NA	NA	NA	8.9E-07	mg/m ³	5.0E-03	mg/m ³	1.8E-04
				ANTIMONY	2.9E-09	mg/m ³	1.5E-11	mg/m ³	NA	NA	NA	1.0E-10	mg/m ³	NA	NA	NA
				ARSENIC	8.7E-08	mg/m ³	4.4E-10	mg/m ³	4.3E-03	1/(ug/m3)	2E-09	3.1E-09	mg/m ³	1.5E-05	mg/m ³	2.1E-04
				CADMIUM	1.4E-09	mg/m ³	7.2E-12	mg/m ³	1.8E-03	1/(ug/m3)	1E-11	5.0E-11	mg/m ³	1.0E-05	mg/m ³	5.0E-06
				COBALT	1.5E-08	mg/m ³	7.4E-11	mg/m ³	9.0E-03	1/(ug/m3)	7E-10	5.2E-10	mg/m ³	6.0E-06	mg/m ³	8.6E-05
				IRON	5.4E-05	mg/m ³	2.7E-07	mg/m ³	NA	NA	NA	1.9E-06	mg/m ³	NA	NA	NA
				MANGANESE	3.7E-07	mg/m ³	1.9E-09	mg/m ³	NA	NA	NA	1.3E-08	mg/m ³	5.0E-05	mg/m ³	2.6E-04
				MERCURY	1.3E-09	mg/m ³	6.7E-12	mg/m ³	NA	NA	NA	4.7E-11	mg/m ³	3.0E-04	mg/m ³	1.6E-07
				THALLIUM	8.6E-10	mg/m ³	4.4E-12	mg/m ³	NA	NA	NA	3.1E-11	mg/m ³	NA	NA	NA
				VANADIUM	7.8E-08	mg/m ³	4.0E-10	mg/m ³	NA	NA	NA	2.8E-09	mg/m ³	1.0E-04	mg/m ³	2.8E-05
			Exp. Route Total								3E-09					7.7E-04
		Exposure Point Total									3E-09					7.7E-04
	Exposure Medium Total										3E-09					7.7E-04
Surface Soil Total											5E-06					1.4E-01
Receptor Total											5E-06					1.4E-01

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.4.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Calculation of Background-Related Risks																
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	3.1E-03	mg/kg/day	NA	NA	NA	3.6E-02	mg/kg/day	1.0E+00	mg/kg/day	3.6E-02
				ANTIMONY	2.2E+00	mg/kg	3.5E-07	mg/kg/day	NA	NA	NA	4.1E-06	mg/kg/day	4.0E-04	mg/kg/day	1.0E-02
				ARSENIC	6.5E+01	mg/kg	1.1E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	2E-05	1.2E-04	mg/kg/day	3.0E-04	mg/kg/day	4.1E-01
				CADMIUM	1.1E+00	mg/kg	1.7E-07	mg/kg/day	NA	NA	NA	2.0E-06	mg/kg/day	1.0E-03	mg/kg/day	2.0E-03
				COBALT	1.1E+01	mg/kg	1.8E-06	mg/kg/day	NA	NA	NA	2.1E-05	mg/kg/day	3.0E-04	mg/kg/day	6.9E-02
				IRON	4.0E+04	mg/kg	6.6E-03	mg/kg/day	NA	NA	NA	7.7E-02	mg/kg/day	7.0E-01	mg/kg/day	1.1E-01
				MANGANESE	2.8E+02	mg/kg	4.5E-05	mg/kg/day	NA	NA	NA	5.3E-04	mg/kg/day	1.4E-01	mg/kg/day	3.8E-03
				MERCURY	1.0E+00	mg/kg	1.6E-07	mg/kg/day	NA	NA	NA	1.9E-06	mg/kg/day	3.0E-04	mg/kg/day	6.3E-03
				THALLIUM	6.5E-01	mg/kg	1.1E-07	mg/kg/day	NA	NA	NA	1.2E-06	mg/kg/day	1.0E-05	mg/kg/day	1.2E-01
			VANADIUM	5.8E+01	mg/kg	9.5E-06	mg/kg/day	NA	NA	NA	1.1E-04	mg/kg/day	5.0E-03	mg/kg/day	2.2E-02	
			Exp. Route Total							2E-05					7.9E-01	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	2.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.5E+01	mg/kg	7.5E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-06	8.8E-06	mg/kg/day	3.0E-04	mg/kg/day	2.9E-02
				CADMIUM	1.1E+00	mg/kg	4.1E-10	mg/kg/day	NA	NA	NA	4.8E-09	mg/kg/day	2.5E-05	mg/kg/day	1.9E-04
				COBALT	1.1E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	4.0E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	2.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	1.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	6.5E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
			VANADIUM	5.8E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA	
			Exp. Route Total							1E-06					3.0E-02	
			Exposure Point Total							2E-05					8.2E-01	
	Exposure Medium Total									2E-05					8.2E-01	

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TABLE 7.4.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/ Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	7.7E-08	mg/m³	NA	NA	NA	8.9E-07	mg/m³	5.0E-03	mg/m3	1.8E-04
				ANTIMONY	2.9E-09	mg/m³	8.8E-12	mg/m³	NA	NA	NA	1.0E-10	mg/m³	NA	NA	NA
				ARSENIC	8.7E-08	mg/m³	2.6E-10	mg/m³	4.3E-03	1/(ug/m3)	1E-09	3.1E-09	mg/m³	1.5E-05	mg/m3	2.1E-04
				CADMIUM	1.4E-09	mg/m³	4.3E-12	mg/m³	1.8E-03	1/(ug/m3)	8E-12	5.0E-11	mg/m³	1.0E-05	mg/m3	5.0E-06
				COBALT	1.5E-08	mg/m³	4.4E-11	mg/m³	9.0E-03	1/(ug/m3)	4E-10	5.2E-10	mg/m³	6.0E-06	mg/m3	8.6E-05
				IRON	5.4E-05	mg/m³	1.6E-07	mg/m³	NA	NA	NA	1.9E-06	mg/m³	NA	NA	NA
				MANGANESE	3.7E-07	mg/m³	1.1E-09	mg/m³	NA	NA	NA	1.3E-08	mg/m³	5.0E-05	mg/m3	2.6E-04
				MERCURY	1.3E-09	mg/m³	4.0E-12	mg/m³	NA	NA	NA	4.7E-11	mg/m³	3.0E-04	mg/m3	1.6E-07
				THALLIUM	8.6E-10	mg/m³	2.6E-12	mg/m³	NA	NA	NA	3.1E-11	mg/m³	NA	NA	NA
				VANADIUM	7.8E-08	mg/m³	2.4E-10	mg/m³	NA	NA	NA	2.8E-09	mg/m³	1.0E-04	mg/m3	2.8E-05
				Exp. Route Total							2E-09			7.7E-04		
		Exposure Point Total							2E-09			7.7E-04				
	Exposure Medium Total							2E-09			7.7E-04					
Surface Soil Total										2E-05			8.2E-01			
Receptor Total										2E-05			8.2E-01			

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³= microgram per cubic meter

mg/m³= milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.5.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Industrial/Commercial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations							
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient			
							Value	Units	Value	Units		Value	Units	Value	Units				
Calculation of Background-Related Risks																			
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	5.8E-03	mg/kg/day	NA	NA	NA	1.6E-02	mg/kg/day	1.0E+00	mg/kg/day	1.6E-02			
				ANTIMONY	2.2E+00	mg/kg	6.6E-07	mg/kg/day	NA	NA	NA	1.8E-06	mg/kg/day	4.0E-04	mg/kg/day	4.6E-03			
				ARSENIC	6.5E+01	mg/kg	2.0E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-05	5.6E-05	mg/kg/day	3.0E-04	mg/kg/day	1.9E-01			
				CADMIUM	1.1E+00	mg/kg	3.3E-07	mg/kg/day	NA	NA	NA	9.1E-07	mg/kg/day	1.0E-03	mg/kg/day	9.1E-04			
				COBALT	1.1E+01	mg/kg	3.3E-06	mg/kg/day	NA	NA	NA	9.3E-06	mg/kg/day	3.0E-04	mg/kg/day	3.1E-02			
				IRON	4.0E+04	mg/kg	1.2E-02	mg/kg/day	NA	NA	NA	3.5E-02	mg/kg/day	7.0E-01	mg/kg/day	4.9E-02			
				MANGANESE	2.8E+02	mg/kg	8.5E-05	mg/kg/day	NA	NA	NA	2.4E-04	mg/kg/day	1.4E-01	mg/kg/day	1.7E-03			
				MERCURY	1.0E+00	mg/kg	3.0E-07	mg/kg/day	NA	NA	NA	8.5E-07	mg/kg/day	3.0E-04	mg/kg/day	2.8E-03			
				THALLIUM	6.5E-01	mg/kg	2.0E-07	mg/kg/day	NA	NA	NA	5.5E-07	mg/kg/day	1.0E-05	mg/kg/day	5.5E-02			
				VANADIUM	5.8E+01	mg/kg	1.8E-05	mg/kg/day	NA	NA	NA	5.0E-05	mg/kg/day	5.0E-03	mg/kg/day	1.0E-02			
			Exp. Route Total						3E-05					3.6E-01					
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA			
				ANTIMONY	2.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA			
				ARSENIC	6.5E+01	mg/kg	2.5E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	4E-06	7.1E-06	mg/kg/day	3.0E-04	mg/kg/day	2.4E-02			
				CADMIUM	1.1E+00	mg/kg	1.4E-09	mg/kg/day	NA	NA	NA	3.9E-09	mg/kg/day	2.5E-05	mg/kg/day	1.5E-04			
				COBALT	1.1E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA			
				IRON	4.0E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA			
				MANGANESE	2.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA			
				MERCURY	1.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA			
				THALLIUM	6.5E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA			
				VANADIUM	5.8E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA			
				Exp. Route Total						4E-06					2.4E-02				
				Exposure Point Total							3E-05					3.8E-01			
	Exposure Medium Total								3E-05					3.8E-01					

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TABLE 7.5.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Industrial/Commercial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	2.0E-06	mg/m³	NA	NA	NA	5.7E-06	mg/m³	5.0E-03	mg/m3	1.1E-03	
				ANTIMONY	2.9E-09	mg/m³	2.3E-10	mg/m³	NA	NA	NA	6.6E-10	mg/m³	NA	NA	NA	
				ARSENIC	8.7E-08	mg/m³	7.1E-09	mg/m³	4.3E-03	1/(ug/m3)	3E-08	2.0E-08	mg/m³	1.5E-05	mg/m3	1.3E-03	
				CADMIUM	1.4E-09	mg/m³	1.2E-10	mg/m³	1.8E-03	1/(ug/m3)	2E-10	3.2E-10	mg/m³	1.0E-05	mg/m3	3.2E-05	
				COBALT	1.5E-08	mg/m³	1.2E-09	mg/m³	9.0E-03	1/(ug/m3)	1E-08	3.3E-09	mg/m³	6.0E-06	mg/m3	5.5E-04	
				IRON	5.4E-05	mg/m³	4.4E-06	mg/m³	NA	NA	NA	1.2E-05	mg/m³	NA	NA	NA	
				MANGANESE	3.7E-07	mg/m³	3.0E-08	mg/m³	NA	NA	NA	8.5E-08	mg/m³	5.0E-05	mg/m3	1.7E-03	
				MERCURY	1.3E-09	mg/m³	1.1E-10	mg/m³	NA	NA	NA	3.0E-10	mg/m³	3.0E-04	mg/m3	1.0E-06	
				THALLIUM	8.6E-10	mg/m³	7.0E-11	mg/m³	NA	NA	NA	2.0E-10	mg/m³	NA	NA	NA	
				VANADIUM	7.8E-08	mg/m³	6.4E-09	mg/m³	NA	NA	NA	1.8E-08	mg/m³	1.0E-04	mg/m3	1.8E-04	
				Exp. Route Total								4E-08					4.9E-03
				Exposure Point Total								4E-08					4.9E-03
				Exposure Medium Total								4E-08					4.9E-03
	Surface Soil Total									3E-05					3.9E-01		
	Receptor Total									3E-05					3.9E-01		

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

ug/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.6.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Construction/Utility Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Calculation of Background-Related Risks																
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	6.8E-04	mg/kg/day	NA	NA	NA	4.8E-02	mg/kg/day	1.0E+00	mg/kg/day	4.8E-02
				ANTIMONY	2.2E+00	mg/kg	7.8E-08	mg/kg/day	NA	NA	NA	5.5E-06	mg/kg/day	4.0E-04	mg/kg/day	1.4E-02
				ARSENIC	6.5E+01	mg/kg	2.4E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	4E-06	1.7E-04	mg/kg/day	3.0E-04	mg/kg/day	5.5E-01
				CADMIUM	1.1E+00	mg/kg	3.9E-08	mg/kg/day	NA	NA	NA	2.7E-06	mg/kg/day	1.0E-03	mg/kg/day	2.7E-03
				COBALT	1.1E+01	mg/kg	4.0E-07	mg/kg/day	NA	NA	NA	2.8E-05	mg/kg/day	3.0E-03	mg/kg/day	9.2E-03
				IRON	4.0E+04	mg/kg	1.5E-03	mg/kg/day	NA	NA	NA	1.0E-01	mg/kg/day	7.0E-01	mg/kg/day	1.5E-01
				MANGANESE	2.8E+02	mg/kg	1.0E-05	mg/kg/day	NA	NA	NA	7.1E-04	mg/kg/day	1.4E-01	mg/kg/day	5.1E-03
				MERCURY	1.0E+00	mg/kg	3.6E-08	mg/kg/day	NA	NA	NA	2.5E-06	mg/kg/day	2.0E-03	mg/kg/day	1.3E-03
				THALLIUM	6.5E-01	mg/kg	2.4E-08	mg/kg/day	NA	NA	NA	1.6E-06	mg/kg/day	4.0E-05	mg/kg/day	4.1E-02
				VANADIUM	5.8E+01	mg/kg	2.1E-06	mg/kg/day	NA	NA	NA	1.5E-04	mg/kg/day	1.0E-02	mg/kg/day	1.5E-02
			Exp. Route Total						4E-06						8.3E-01	
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	2.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.5E+01	mg/kg	2.3E-07	mg/kg/day	1.5E+00	1/(mg/kg/day)	3E-07	1.6E-05	mg/kg/day	3.0E-04	mg/kg/day	5.3E-02
				CADMIUM	1.1E+00	mg/kg	1.2E-10	mg/kg/day	NA	NA	NA	8.7E-09	mg/kg/day	2.5E-05	mg/kg/day	3.5E-04
				COBALT	1.1E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	3.0E-03	mg/kg/day	NA
				IRON	4.0E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	2.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	1.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	1.4E-04	mg/kg/day	NA
				THALLIUM	6.5E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	4.0E-05	mg/kg/day	NA
				VANADIUM	5.8E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	mg/kg/day	2.6E-04	mg/kg/day	NA
			Exp. Route Total						3E-07						5.3E-02	
			Exposure Point Total						4E-06						8.9E-01	
Exposure Medium Total										4E-06						8.9E-01

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.6.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Construction/Utility Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations						Non-Cancer Hazard Calculations					
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient		
							Value	Units	Value	Units		Value	Units	Value	Units			
Total Soil	Ambient Air	Emissions from Total Soil (0 - 10 feet bgs)	Inhalation	ALUMINUM	2.1E-03	mg/m³	6.2E-06	mg/m³	NA	NA	NA	4.4E-04	mg/m³	5.0E-03	mg/m3	8.7E-02		
				ANTIMONY	2.4E-07	mg/m³	7.2E-10	mg/m³	NA	NA	NA	5.0E-08	mg/m³	NA	NA	NA		
				ARSENIC	7.3E-06	mg/m³	2.2E-08	mg/m³	4.3E-03	1/(ug/m3)	9E-08	1.5E-06	mg/m³	1.5E-05	mg/m3	1.0E-01		
				CADMIUM	1.2E-07	mg/m³	3.5E-10	mg/m³	1.8E-03	1/(ug/m3)	6E-10	2.5E-08	mg/m³	1.0E-05	mg/m3	2.5E-03		
				COBALT	1.2E-06	mg/m³	3.6E-09	mg/m³	9.0E-03	1/(ug/m3)	3E-08	2.5E-07	mg/m³	2.0E-05	mg/m3	1.3E-02		
				IRON	4.6E-03	mg/m³	1.3E-05	mg/m³	NA	NA	NA	9.4E-04	mg/m³	NA	NA	NA		
				MANGANESE	3.1E-05	mg/m³	9.2E-08	mg/m³	NA	NA	NA	6.5E-06	mg/m³	5.0E-05	mg/m3	1.3E-01		
				MERCURY	1.1E-07	mg/m³	3.3E-10	mg/m³	NA	NA	NA	2.3E-08	mg/m³	3.0E-04	mg/m3	7.7E-05		
				THALLIUM	7.3E-08	mg/m³	2.1E-10	mg/m³	NA	NA	NA	1.5E-08	mg/m³	NA	NA	NA		
				VANADIUM	6.6E-06	mg/m³	1.9E-08	mg/m³	NA	NA	NA	1.4E-06	mg/m³	1.0E-04	mg/m3	1.4E-02		
				Exp. Route Total									1E-07				3.5E-01	
		Exposure Point Total									1E-07				3.5E-01			
	Exposure Medium Total											1E-07				3.5E-01		
Total Soil Total												4E-06				1.2E+00		
Receptor Total												4E-06				1.2E+00		

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.7.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Calculation of Background-Related Risks																
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	NA	NA	NA	NA	NA	2.3E-02	mg/kg/day	1.0E+00	mg/kg/day	2.3E-02
				ANTIMONY	2.2E+00	mg/kg	NA	NA	NA	NA	NA	2.6E-06	mg/kg/day	4.0E-04	mg/kg/day	6.5E-03
				ARSENIC	6.5E+01	mg/kg	NA	NA	NA	NA	NA	7.8E-05	mg/kg/day	3.0E-04	mg/kg/day	2.6E-01
				CADMIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	1.3E-06	mg/kg/day	1.0E-03	mg/kg/day	1.3E-03
				COBALT	1.1E+01	mg/kg	NA	NA	NA	NA	NA	1.3E-05	mg/kg/day	3.0E-04	mg/kg/day	4.4E-02
				IRON	4.0E+04	mg/kg	NA	NA	NA	NA	NA	4.8E-02	mg/kg/day	7.0E-01	mg/kg/day	6.9E-02
				MANGANESE	2.8E+02	mg/kg	NA	NA	NA	NA	NA	3.3E-04	mg/kg/day	1.4E-01	mg/kg/day	2.4E-03
				MERCURY	1.0E+00	mg/kg	NA	NA	NA	NA	NA	1.2E-06	mg/kg/day	3.0E-04	mg/kg/day	4.0E-03
				THALLIUM	6.5E-01	mg/kg	NA	NA	NA	NA	NA	7.8E-07	mg/kg/day	1.0E-05	mg/kg/day	7.8E-02
				VANADIUM	5.8E+01	mg/kg	NA	NA	NA	NA	NA	7.0E-05	mg/kg/day	5.0E-03	mg/kg/day	1.4E-02
			Exp. Route Total								NA					5.0E-01
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	2.2E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.5E+01	mg/kg	NA	NA	NA	NA	NA	9.9E-06	mg/kg/day	3.0E-04	mg/kg/day	3.3E-02
				CADMIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	5.4E-09	mg/kg/day	2.5E-05	mg/kg/day	2.2E-04
				COBALT	1.1E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	4.0E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	2.8E+02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	1.0E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	6.5E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
				VANADIUM	5.8E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA
					Exp. Route Total								NA			
			Exposure Point Total								NA					5.3E-01
		Exposure Medium Total								NA					5.3E-01	

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.7.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
				Potential Concern	Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	NA	NA	NA	NA	NA	2.4E-05	mg/m³	5.0E-03	mg/m3	4.8E-03
				ANTIMONY	2.9E-09	mg/m³	NA	NA	NA	NA	NA	2.8E-09	mg/m³	NA	NA	NA
				ARSENIC	8.7E-08	mg/m³	NA	NA	NA	NA	NA	8.3E-08	mg/m³	1.5E-05	mg/m3	5.5E-03
				CADMIUM	1.4E-09	mg/m³	NA	NA	NA	NA	NA	1.4E-09	mg/m³	1.0E-05	mg/m3	1.4E-04
				COBALT	1.5E-08	mg/m³	NA	NA	NA	NA	NA	1.4E-08	mg/m³	6.0E-06	mg/m3	2.3E-03
				IRON	5.4E-05	mg/m³	NA	NA	NA	NA	NA	5.2E-05	mg/m³	NA	NA	NA
				MANGANESE	3.7E-07	mg/m³	NA	NA	NA	NA	NA	3.6E-07	mg/m³	5.0E-05	mg/m3	7.1E-03
				MERCURY	1.3E-09	mg/m³	NA	NA	NA	NA	NA	1.3E-09	mg/m³	3.0E-04	mg/m3	4.2E-06
				THALLIUM	8.6E-10	mg/m³	NA	NA	NA	NA	NA	8.3E-10	mg/m³	NA	NA	NA
				VANADIUM	7.8E-08	mg/m³	NA	NA	NA	NA	NA	7.5E-08	mg/m³	1.0E-04	mg/m3	7.5E-04
		Exp. Route Total						NA					2.1E-02			
		Exposure Point Total						NA					2.1E-02			
	Exposure Medium Total						NA					2.1E-02				
Surface Soil Total									NA			5.5E-01				
Receptor Total									NA			5.5E-01				

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.8.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Calculation of Background-Related Risks																
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	NA	NA	NA	NA	NA	2.4E-01	mg/kg/day	1.0E+00	mg/kg/day	2.4E-01
				ANTIMONY	2.2E+00	mg/kg	NA	NA	NA	NA	NA	2.8E-05	mg/kg/day	4.0E-04	mg/kg/day	6.9E-02
				ARSENIC	6.5E+01	mg/kg	NA	NA	NA	NA	NA	8.3E-04	mg/kg/day	3.0E-04	mg/kg/day	2.8E+00
				CADMIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	1.4E-05	mg/kg/day	1.0E-03	mg/kg/day	1.4E-02
				COBALT	1.1E+01	mg/kg	NA	NA	NA	NA	NA	1.4E-04	mg/kg/day	3.0E-04	mg/kg/day	4.6E-01
				IRON	4.0E+04	mg/kg	NA	NA	NA	NA	NA	5.2E-01	mg/kg/day	7.0E-01	mg/kg/day	7.4E-01
				MANGANESE	2.8E+02	mg/kg	NA	NA	NA	NA	NA	3.6E-03	mg/kg/day	1.4E-01	mg/kg/day	2.5E-02
				MERCURY	1.0E+00	mg/kg	NA	NA	NA	NA	NA	1.3E-05	mg/kg/day	3.0E-04	mg/kg/day	4.2E-02
				THALLIUM	6.5E-01	mg/kg	NA	NA	NA	NA	NA	8.3E-06	mg/kg/day	1.0E-05	mg/kg/day	8.3E-01
				VANADIUM	5.8E+01	mg/kg	NA	NA	NA	NA	NA	7.5E-04	mg/kg/day	5.0E-03	mg/kg/day	1.5E-01
												</				

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.8.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)		ALUMINUM	2.5E-05	mg/m³	NA	NA	NA	NA	NA	2.4E-05	mg/m³	5.0E-03	mg/m3	4.8E-03
				ANTIMONY	2.9E-09	mg/m³	NA	NA	NA	NA	NA	2.8E-09	mg/m³	NA	NA	NA
				ARSENIC	8.7E-08	mg/m³	NA	NA	NA	NA	NA	8.3E-08	mg/m³	1.5E-05	mg/m3	5.5E-03
				CADMIUM	1.4E-09	mg/m³	NA	NA	NA	NA	NA	1.4E-09	mg/m³	1.0E-05	mg/m3	1.4E-04
				COBALT	1.5E-08	mg/m³	NA	NA	NA	NA	NA	1.4E-08	mg/m³	6.0E-06	mg/m3	2.3E-03
				IRON	5.4E-05	mg/m³	NA	NA	NA	NA	NA	5.2E-05	mg/m³	NA	NA	NA
				MANGANESE	3.7E-07	mg/m³	NA	NA	NA	NA	NA	3.6E-07	mg/m³	5.0E-05	mg/m3	7.1E-03
				MERCURY	1.3E-09	mg/m³	NA	NA	NA	NA	NA	1.3E-09	mg/m³	3.0E-04	mg/m3	4.2E-06
				THALLIUM	8.6E-10	mg/m³	NA	NA	NA	NA	NA	8.3E-10	mg/m³	NA	NA	NA
				VANADIUM	7.8E-08	mg/m³	NA	NA	NA	NA	NA	7.5E-08	mg/m³	1.0E-04	mg/m3	7.5E-04
		Exp. Route Total							NA					2.1E-02		
		Exposure Point Total							NA					2.1E-02		
		Exposure Medium Total							NA					2.1E-02		
Surface Soil Total										NA					5.6E+00	
Receptor Total										NA					5.6E+00	

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.9.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Calculation of Background-Related Risks																	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	2.7E-02	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	2.2E+00	mg/kg	3.1E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				ARSENIC	6.5E+01	mg/kg	9.4E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-04	NA	NA	NA	NA	NA	NA
				CADMIUM	1.1E+00	mg/kg	1.5E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				COBALT	1.1E+01	mg/kg	1.6E-05	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				IRON	4.0E+04	mg/kg	5.8E-02	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				MANGANESE	2.8E+02	mg/kg	4.0E-04	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				MERCURY	1.0E+00	mg/kg	1.4E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				THALLIUM	6.5E-01	mg/kg	9.3E-07	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				VANADIUM	5.8E+01	mg/kg	8.4E-05	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Exp. Route Total									1E-04				NA	
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
				ANTIMONY	2.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
				ARSENIC	6.5E+01	mg/kg	7.9E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-05	NA	NA	NA	NA	NA	
				CADMIUM	1.1E+00	mg/kg	4.3E-09	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
				COBALT	1.1E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
				IRON	4.0E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
				MANGANESE	2.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
				MERCURY	1.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
				THALLIUM	6.5E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
				VANADIUM	5.8E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	
			Exp. Route Total									1E-05				NA	
			Exposure Point Total									2E-04				NA	
	Exposure Medium Total									2E-04				NA			

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TABLE 7.9.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations						Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	8.9E-06	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	2.9E-09	mg/m³	1.0E-09	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA	
				ARSENIC	8.7E-08	mg/m³	3.1E-08	mg/m³	4.3E-03	1/(ug/m3)	1E-07	NA	NA	NA	NA	NA	
				CADMIUM	1.4E-09	mg/m³	5.0E-10	mg/m³	1.8E-03	1/(ug/m3)	9E-10	NA	NA	NA	NA	NA	
				COBALT	1.5E-08	mg/m³	5.2E-09	mg/m³	9.0E-03	1/(ug/m3)	5E-08	NA	NA	NA	NA	NA	
				IRON	5.4E-05	mg/m³	1.9E-05	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA	
				MANGANESE	3.7E-07	mg/m³	1.3E-07	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA	
				MERCURY	1.3E-09	mg/m³	4.7E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA	
				THALLIUM	8.6E-10	mg/m³	3.1E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA	
				VANADIUM	7.8E-08	mg/m³	2.8E-08	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA	
			Exp. Route Total									2E-07					NA
			Exposure Point Total									2E-07					NA
	Exposure Medium Total									2E-07					NA		
Surface Soil Total												2E-04					NA
Receptor Total												2E-04					NA

Notes:

CSF = Cancer slope factor
EPC = Exposure point concentration
NA = Not applicable/Not available

RfC = Reference concentration
RfD = Reference dose
µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter
mg/kg = milligram per kilogram
mg/kg/day = milligram per kilogram per day

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TABLE 7.10.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Calculation of Background-Related Risks																
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	NA	NA	NA	NA	NA	2.3E-02	mg/kg/day	1.0E+00	mg/kg/day	2.3E-02
				ANTIMONY	2.2E+00	mg/kg	NA	NA	NA	NA	NA	2.6E-06	mg/kg/day	4.0E-04	mg/kg/day	6.5E-03
				ARSENIC	6.5E+01	mg/kg	NA	NA	NA	NA	NA	7.8E-05	mg/kg/day	3.0E-04	mg/kg/day	2.6E-01
				CADMIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	1.3E-06	mg/kg/day	1.0E-03	mg/kg/day	1.3E-03
				COBALT	1.1E+01	mg/kg	NA	NA	NA	NA	NA	1.3E-05	mg/kg/day	3.0E-04	mg/kg/day	4.4E-02
				IRON	4.0E+04	mg/kg	NA	NA	NA	NA	NA	4.8E-02	mg/kg/day	7.0E-01	mg/kg/day	6.9E-02
				MANGANESE	2.8E+02	mg/kg	NA	NA	NA	NA	NA	3.3E-04	mg/kg/day	1.4E-01	mg/kg/day	2.4E-03
				MERCURY	1.0E+00	mg/kg	NA	NA	NA	NA	NA	1.2E-06	mg/kg/day	3.0E-04	mg/kg/day	4.0E-03
				THALLIUM	6.5E-01	mg/kg	NA	NA	NA	NA	NA	7.8E-07	mg/kg/day	1.0E-05	mg/kg/day	7.8E-02
			VANADIUM	5.8E+01	mg/kg	NA	NA	NA	NA	NA	7.0E-05	mg/kg/day	5.0E-03	mg/kg/day	1.4E-02	
			Exp. Route Total							NA					5.0E-01	
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA
				ANTIMONY	2.2E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA
				ARSENIC	6.5E+01	mg/kg	NA	NA	NA	NA	NA	9.9E-06	mg/kg/day	3.0E-04	mg/kg/day	3.3E-02
				CADMIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	5.4E-09	mg/kg/day	2.5E-05	mg/kg/day	2.2E-04
				COBALT	1.1E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA
				IRON	4.0E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA
				MANGANESE	2.8E+02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA
				MERCURY	1.0E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA
				THALLIUM	6.5E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA
			VANADIUM	5.8E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA	
			Exp. Route Total							NA					3.3E-02	
			Exposure Point Total							NA					5.3E-01	
			Exposure Medium Total							NA					5.3E-01	

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TABLE 7.10.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Total Soil	Ambient Air	Emissions from Total Soil (0 - 10 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	NA	NA	NA	NA	NA	2.4E-05	mg/m³	5.0E-03	mg/m3	4.8E-03
				ANTIMONY	2.9E-09	mg/m³	NA	NA	NA	NA	NA	2.8E-09	mg/m³	NA	NA	NA
				ARSENIC	8.7E-08	mg/m³	NA	NA	NA	NA	NA	8.3E-08	mg/m³	1.5E-05	mg/m3	5.5E-03
				CADMIUM	1.4E-09	mg/m³	NA	NA	NA	NA	NA	1.4E-09	mg/m³	1.0E-05	mg/m3	1.4E-04
				COBALT	1.5E-08	mg/m³	NA	NA	NA	NA	NA	1.4E-08	mg/m³	6.0E-06	mg/m3	2.3E-03
				IRON	5.4E-05	mg/m³	NA	NA	NA	NA	NA	5.2E-05	mg/m³	NA	NA	NA
				MANGANESE	3.7E-07	mg/m³	NA	NA	NA	NA	NA	3.6E-07	mg/m³	5.0E-05	mg/m3	7.1E-03
				MERCURY	1.3E-09	mg/m³	NA	NA	NA	NA	NA	1.3E-09	mg/m³	3.0E-04	mg/m3	4.2E-06
				THALLIUM	8.6E-10	mg/m³	NA	NA	NA	NA	NA	8.3E-10	mg/m³	NA	NA	NA
				VANADIUM	7.8E-08	mg/m³	NA	NA	NA	NA	NA	7.5E-08	mg/m³	1.0E-04	mg/m3	7.5E-04
		Exp. Route Total							NA					2.1E-02		
		Exposure Point Total								NA					2.1E-02	
	Exposure Medium Total								NA					2.1E-02		
Total Soil Total										NA					5.5E-01	
Receptor Total										NA					5.5E-01	

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

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TABLE 7.11.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Calculation of Background-Related Risks																	
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	NA	NA	NA	NA	NA	2.4E-01	mg/kg/day	1.0E+00	mg/kg/day	2.4E-01	
				ANTIMONY	2.2E+00	mg/kg	NA	NA	NA	NA	NA	2.8E-05	mg/kg/day	4.0E-04	mg/kg/day	6.9E-02	
				ARSENIC	6.5E+01	mg/kg	NA	NA	NA	NA	NA	8.3E-04	mg/kg/day	3.0E-04	mg/kg/day	2.8E+00	
				CADMIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	1.4E-05	mg/kg/day	1.0E-03	mg/kg/day	1.4E-02	
				COBALT	1.1E+01	mg/kg	NA	NA	NA	NA	NA	1.4E-04	mg/kg/day	3.0E-04	mg/kg/day	4.6E-01	
				IRON	4.0E+04	mg/kg	NA	NA	NA	NA	NA	5.2E-01	mg/kg/day	7.0E-01	mg/kg/day	7.4E-01	
				MANGANESE	2.8E+02	mg/kg	NA	NA	NA	NA	NA	3.6E-03	mg/kg/day	1.4E-01	mg/kg/day	2.5E-02	
				MERCURY	1.0E+00	mg/kg	NA	NA	NA	NA	NA	1.3E-05	mg/kg/day	3.0E-04	mg/kg/day	4.2E-02	
				THALLIUM	6.5E-01	mg/kg	NA	NA	NA	NA	NA	8.3E-06	mg/kg/day	1.0E-05	mg/kg/day	8.3E-01	
				VANADIUM	5.8E+01	mg/kg	NA	NA	NA	NA	NA	7.5E-04	mg/kg/day	5.0E-03	mg/kg/day	1.5E-01	
			Exp. Route Total						NA							5.3E+00	
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E+00	mg/kg/day	NA	
				ANTIMONY	2.2E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	6.0E-05	mg/kg/day	NA	
				ARSENIC	6.5E+01	mg/kg	NA	NA	NA	NA	NA	5.9E-05	mg/kg/day	3.0E-04	mg/kg/day	2.0E-01	
				CADMIUM	1.1E+00	mg/kg	NA	NA	NA	NA	NA	3.2E-08	mg/kg/day	2.5E-05	mg/kg/day	1.3E-03	
				COBALT	1.1E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	3.0E-04	mg/kg/day	NA	
				IRON	4.0E+04	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	7.0E-01	mg/kg/day	NA	
				MANGANESE	2.8E+02	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	5.6E-03	mg/kg/day	NA	
				MERCURY	1.0E+00	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	2.1E-05	mg/kg/day	NA	
				THALLIUM	6.5E-01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.0E-05	mg/kg/day	NA	
				VANADIUM	5.8E+01	mg/kg	NA	NA	NA	NA	NA	NA	mg/kg/day	1.3E-04	mg/kg/day	NA	
				Exp. Route Total						NA							2.0E-01
				Exposure Point Total							NA						
	Exposure Medium Total								NA							5.5E+00	

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TABLE 7.11.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Total Soil	Ambient Air	Emissions from Total Soil (0 - 10 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	NA	NA	NA	NA	NA	2.4E-05	mg/m³	5.0E-03	mg/m3	4.8E-03
				ANTIMONY	2.9E-09	mg/m³	NA	NA	NA	NA	NA	2.8E-09	mg/m³	NA	NA	NA
				ARSENIC	8.7E-08	mg/m³	NA	NA	NA	NA	NA	8.3E-08	mg/m³	1.5E-05	mg/m3	5.5E-03
				CADMIUM	1.4E-09	mg/m³	NA	NA	NA	NA	NA	1.4E-09	mg/m³	1.0E-05	mg/m3	1.4E-04
				COBALT	1.5E-08	mg/m³	NA	NA	NA	NA	NA	1.4E-08	mg/m³	6.0E-06	mg/m3	2.3E-03
				IRON	5.4E-05	mg/m³	NA	NA	NA	NA	NA	5.2E-05	mg/m³	NA	NA	NA
				MANGANESE	3.7E-07	mg/m³	NA	NA	NA	NA	NA	3.6E-07	mg/m³	5.0E-05	mg/m3	7.1E-03
				MERCURY	1.3E-09	mg/m³	NA	NA	NA	NA	NA	1.3E-09	mg/m³	3.0E-04	mg/m3	4.2E-06
				THALLIUM	8.6E-10	mg/m³	NA	NA	NA	NA	NA	8.3E-10	mg/m³	NA	NA	NA
				VANADIUM	7.8E-08	mg/m³	NA	NA	NA	NA	NA	7.5E-08	mg/m³	1.0E-04	mg/m3	7.5E-04
		Exp. Route Total							NA					2.1E-02		
		Exposure Point Total								NA					2.1E-02	
	Exposure Medium Total								NA					2.1E-02		
Total Soil Total										NA					5.6E+00	
Receptor Total										NA					5.6E+00	

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 7.12.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations					
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Calculation of Background-Related Risks																	
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	Ingestion	ALUMINUM	1.9E+04	mg/kg	2.7E-02	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	2.2E+00	mg/kg	3.1E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				ARSENIC	6.5E+01	mg/kg	9.4E-05	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-04	NA	NA	NA	NA	NA	NA
				CADMIUM	1.1E+00	mg/kg	1.5E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				COBALT	1.1E+01	mg/kg	1.6E-05	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				IRON	4.0E+04	mg/kg	5.8E-02	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				MANGANESE	2.8E+02	mg/kg	4.0E-04	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				MERCURY	1.0E+00	mg/kg	1.4E-06	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				THALLIUM	6.5E-01	mg/kg	9.3E-07	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				VANADIUM	5.8E+01	mg/kg	8.4E-05	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Exp. Route Total						1E-04						NA		
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	Dermal	ALUMINUM	1.9E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	2.2E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				ARSENIC	6.5E+01	mg/kg	7.9E-06	mg/kg/day	1.5E+00	1/(mg/kg/day)	1E-05	NA	NA	NA	NA	NA	NA
				CADMIUM	1.1E+00	mg/kg	4.3E-09	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				COBALT	1.1E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				IRON	4.0E+04	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				MANGANESE	2.8E+02	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				MERCURY	1.0E+00	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				THALLIUM	6.5E-01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
				VANADIUM	5.8E+01	mg/kg	NA	mg/kg/day	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Exp. Route Total						1E-05						NA		
Exposure Point Total								2E-04						NA			
Exposure Medium Total								2E-04						NA			

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TABLE 7.12.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Total Soil	Ambient Air	Emissions from Total Soil (0 - 10 feet bgs)	Inhalation	ALUMINUM	2.5E-05	mg/m³	8.9E-06	mg/m³	NA	NA	NA	NA	NA	NA	NA	NA
				ANTIMONY	2.9E-09	mg/m³	1.0E-09	mg/m³	NA	NA	NA	NA	NA	NA	NA	
				ARSENIC	8.7E-08	mg/m³	3.1E-08	mg/m³	4.3E-03	1/(ug/m3)	1E-07	NA	NA	NA	NA	
				CADMIUM	1.4E-09	mg/m³	5.0E-10	mg/m³	1.8E-03	1/(ug/m3)	9E-10	NA	NA	NA	NA	
				COBALT	1.5E-08	mg/m³	5.2E-09	mg/m³	9.0E-03	1/(ug/m3)	5E-08	NA	NA	NA	NA	
				IRON	5.4E-05	mg/m³	1.9E-05	mg/m³	NA	NA	NA	NA	NA	NA	NA	
				MANGANESE	3.7E-07	mg/m³	1.3E-07	mg/m³	NA	NA	NA	NA	NA	NA	NA	
				MERCURY	1.3E-09	mg/m³	4.7E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	
				THALLIUM	8.6E-10	mg/m³	3.1E-10	mg/m³	NA	NA	NA	NA	NA	NA	NA	
				VANADIUM	7.8E-08	mg/m³	2.8E-08	mg/m³	NA	NA	NA	NA	NA	NA	NA	
			Exp. Route Total								2E-07				NA	
			Exposure Point Total								2E-07				NA	
	Exposure Medium Total								2E-07				NA			
Total Soil Total									2E-04				NA			
Receptor Total									2E-04				NA			

Notes:

CSF = Cancer slope factor

EPC = Exposure point concentration

NA = Not applicable/Not available

RfC = Reference concentration

RfD = Reference dose

µg/m³ = microgram per cubic meter

mg/m³ = milligram per cubic meter

mg/kg = milligram per kilogram

mg/kg/day = milligram per kilogram per day

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.1.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Receptor Population: Maintenance Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Calculation of Background-Related Risks													
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	1E-02	NA	NA	1E-02	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	4E-03	NA	NA	4E-03	
			ARSENIC	3E-05	NA	3E-06	3E-05	Dermal, Cardiovascular System	2E-01	NA	2E-02	2E-01	
			CADMIUM	NA	NA	NA	NA	Urinary System	8E-04	NA	1E-04	1E-03	
			COBALT	NA	NA	NA	NA	Thyroid	3E-02	NA	NA	3E-02	
			IRON	NA	NA	NA	NA	Gastrointestinal	4E-02	NA	NA	4E-02	
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-03	NA	NA	2E-03	
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	3E-03	NA	NA	3E-03	
			THALLIUM	NA	NA	NA	NA	Hair	5E-02	NA	NA	5E-02	
			VANADIUM	NA	NA	NA	NA	Dermal	9E-03	NA	NA	9E-03	
	Exposure Point Total			3E-05	NA	3E-06	3E-05		3E-01	NA	2E-02	3E-01	
	Exposure Medium Total			3E-05	NA	3E-06	3E-05		3E-01	NA	2E-02	3E-01	
Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	1E-03	NA	1E-03		
		ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		ARSENIC	NA	3E-08	NA	3E-08	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	1E-03	NA	1E-03		
		CADMIUM	NA	2E-10	NA	2E-10	Urinary System	NA	3E-05	NA	3E-05		
		COBALT	NA	1E-08	NA	1E-08	Respiratory	NA	5E-04	NA	5E-04		
		IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		MANGANESE	NA	NA	NA	NA	Nervous System	NA	2E-03	NA	2E-03		
		MERCURY	NA	NA	NA	NA	Nervous System	NA	9E-07	NA	9E-07		
		THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		VANADIUM	NA	NA	NA	NA	Respiratory	NA	2E-04	NA	2E-04		
	Exposure Point Total			NA	4E-08	NA	4E-08		NA	4E-03	NA	4E-03	
	Exposure Medium Total			NA	4E-08	NA	4E-08		NA	4E-03	NA	4E-03	
Surface Soil Total			3E-05	4E-08	3E-06	3E-05		3E-01	4E-03	2E-02	3E-01		
Receptor Total			3E-05	4E-08	3E-06	3E-05		3E-01	4E-03	2E-02	3E-01		

Notes:

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.1.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future
Receptor Population: Maintenance Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.004
NA = Not applicable/Not available														Total Cardiovascular System HI Across Media =	0.2
														Total Developmental HI Across Media =	0.001
														Total Gastrointestinal HI Across Media =	0.04
														Total Hair HI Across Media =	0.05
														Total Immune system HI Across Media =	0.003
														Total Lifetime HI Across Media =	0.004
														Total Nervous System HI Across Media =	0.02
														Total Reproductive HI Across Media =	0.001
														Total Respiratory HI Across Media =	0.002
														Total Dermal HI Across Media =	0.2
														Total Thyroid HI Across Media =	0.03

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.2.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Calculation of Background-Related Risks													
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	3E-03	NA	NA	3E-03	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	1E-03	NA	NA	1E-03	
			ARSENIC	5E-06	NA	6E-07	6E-06	Dermal, Cardiovascular System	4E-02	NA	5E-03	4E-02	
			CADMIUM	NA	NA	NA	NA	Urinary System	2E-04	NA	3E-05	2E-04	
			COBALT	NA	NA	NA	NA	Thyroid	6E-03	NA	NA	6E-03	
			IRON	NA	NA	NA	NA	Gastrointestinal	1E-02	NA	NA	1E-02	
			MANGANESE	NA	NA	NA	NA	Nervous System	4E-04	NA	NA	4E-04	
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	6E-04	NA	NA	6E-04	
			THALLIUM	NA	NA	NA	NA	Hair	1E-02	NA	NA	1E-02	
			VANADIUM	NA	NA	NA	NA	Dermal	2E-03	NA	NA	2E-03	
		Exposure Point Total		5E-06	NA	6E-07	6E-06		7E-02	NA	5E-03	8E-02	
	Exposure Medium Total		5E-06	NA	6E-07	6E-06		7E-02	NA	5E-03	8E-02		
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04	
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			ARSENIC	NA	4E-09	NA	4E-09	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	2E-04	NA	2E-04	
			CADMIUM	NA	3E-11	NA	3E-11	Urinary System	NA	5E-06	NA	5E-06	
			COBALT	NA	1E-09	NA	1E-09	Respiratory	NA	9E-05	NA	9E-05	
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	3E-04	NA	3E-04	
			MERCURY	NA	NA	NA	NA	Nervous System	NA	2E-07	NA	2E-07	
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	3E-05	NA	3E-05	
			Exposure Point Total		NA	5E-09	NA	5E-09		NA	8E-04	NA	8E-04
			Exposure Medium Total		NA	5E-09	NA	5E-09		NA	8E-04	NA	8E-04
Surface Soil Total			5E-06	5E-09	6E-07	6E-06		7E-02	8E-04	5E-03	8E-02		
Receptor Total			5E-06	5E-09	6E-07	6E-06		7E-02	8E-04	5E-03	8E-02		

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.2.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total

Notes:

HI = Hazard Index

NA = Not applicable/Not available

Total Hematologic HI Across Media =	0.001
Total Cardiovascular System HI Across Media =	0.04
Total Developmental HI Across Media =	0.0002
Total Gastrointestinal HI Across Media =	0.01
Total Hair HI Across Media =	0.01
Total Immune system HI Across Media =	0.001
Total Lifetime HI Across Media =	0.001
Total Nervous System HI Across Media =	0.004
Total Reproductive HI Across Media =	0.0002
Total Respiratory HI Across Media =	0.0003
Total Dermal HI Across Media =	0.05
Total Thyroid HI Across Media =	0.006

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.3.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient						
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total		
Calculation of Background-Related Risks														
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	6E-03	NA	NA	6E-03		
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	2E-03	NA	NA	2E-03		
			ARSENIC	5E-06	NA	4E-07	5E-06	Dermal, Cardiovascular System	7E-02	NA	7E-03	8E-02		
			CADMIUM	NA	NA	NA	NA	Urinary System	3E-04	NA	4E-05	4E-04		
			COBALT	NA	NA	NA	NA	Thyroid	1E-02	NA	NA	1E-02		
			IRON	NA	NA	NA	NA	Gastrointestinal	2E-02	NA	NA	2E-02		
			MANGANESE	NA	NA	NA	NA	Nervous System	6E-04	NA	NA	6E-04		
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	1E-03	NA	NA	1E-03		
			THALLIUM	NA	NA	NA	NA	Hair	2E-02	NA	NA	2E-02		
			VANADIUM	NA	NA	NA	NA	Dermal	4E-03	NA	NA	4E-03		
			Exposure Point Total			5E-06	NA	4E-07	5E-06		1E-01	NA	7E-03	1E-01
			Exposure Medium Total			5E-06	NA	4E-07	5E-06		1E-01	NA	7E-03	1E-01
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04		
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			ARSENIC	NA	2E-09	NA	2E-09	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	2E-04	NA	2E-04		
			CADMIUM	NA	1E-11	NA	1E-11	Urinary System	NA	5E-06	NA	5E-06		
			COBALT	NA	7E-10	NA	7E-10	Respiratory	NA	9E-05	NA	9E-05		
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	3E-04	NA	3E-04		
			MERCURY	NA	NA	NA	NA	Nervous System	NA	2E-07	NA	2E-07		
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	3E-05	NA	3E-05		
			Exposure Point Total			NA	3E-09	NA	3E-09		NA	8E-04	NA	8E-04
			Exposure Medium Total			NA	3E-09	NA	3E-09		NA	8E-04	NA	8E-04
Surface Soil Total			5E-06	3E-09	4E-07	5E-06		1E-01	8E-04	7E-03	1E-01			
Receptor Total			5E-06	3E-09	4E-07	5E-06		1E-01	8E-04	7E-03	1E-01			

Notes:

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.3.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.002
NA = Not applicable/Not available														Total Cardiovascular System HI Across Media =	0.1
														Total Developmental HI Across Media =	0.0002
														Total Gastrointestinal HI Across Media =	0.02
														Total Hair HI Across Media =	0.02
														Total Immune system HI Across Media =	0.001
														Total Lifetime HI Across Media =	0.002
														Total Nervous System HI Across Media =	0.01
														Total Reproductive HI Across Media =	0.0002
														Total Respiratory HI Across Media =	0.0003
														Total Dermal HI Across Media =	0.1
														Total Thyroid HI Across Media =	0.01

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.4.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Calculation of Background-Related Risks													
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	4E-02	NA	NA	4E-02	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	1E-02	NA	NA	1E-02	
			ARSENIC	2E-05	NA	1E-06	2E-05	Dermal, Cardiovascular System	4E-01	NA	3E-02	4E-01	
			CADMIUM	NA	NA	NA	NA	Urinary System	2E-03	NA	2E-04	2E-03	
			COBALT	NA	NA	NA	NA	Thyroid	7E-02	NA	NA	7E-02	
			IRON	NA	NA	NA	NA	Gastrointestinal	1E-01	NA	NA	1E-01	
			MANGANESE	NA	NA	NA	NA	Nervous System	4E-03	NA	NA	4E-03	
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	6E-03	NA	NA	6E-03	
			THALLIUM	NA	NA	NA	NA	Hair	1E-01	NA	NA	1E-01	
			VANADIUM	NA	NA	NA	NA	Dermal	2E-02	NA	NA	2E-02	
	Exposure Point Total			2E-05	NA	1E-06	2E-05		8E-01	NA	3E-02	8E-01	
	Exposure Medium Total			2E-05	NA	1E-06	2E-05		8E-01	NA	3E-02	8E-01	
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	2E-04	NA	2E-04	
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	
ARSENIC			NA	1E-09	NA	1E-09	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	2E-04	NA	2E-04		
CADMIUM			NA	8E-12	NA	8E-12	Urinary System	NA	5E-06	NA	5E-06		
COBALT			NA	4E-10	NA	4E-10	Respiratory	NA	9E-05	NA	9E-05		
IRON			NA	NA	NA	NA	NA	NA	NA	NA	NA		
MANGANESE			NA	NA	NA	NA	Nervous System	NA	3E-04	NA	3E-04		
MERCURY			NA	NA	NA	NA	Nervous System	NA	2E-07	NA	2E-07		
THALLIUM			NA	NA	NA	NA	NA	NA	NA	NA	NA		
VANADIUM			NA	NA	NA	NA	Respiratory	NA	3E-05	NA	3E-05		
Exposure Point Total			NA	2E-09	NA	2E-09		NA	8E-04	NA	8E-04		
Exposure Medium Total			NA	2E-09	NA	2E-09		NA	8E-04	NA	8E-04		
Surface Soil Total			2E-05	2E-09	1E-06	2E-05		8E-01	8E-04	3E-02	8E-01		
Receptor Total			2E-05	2E-09	1E-06	2E-05		8E-01	8E-04	3E-02	8E-01		

Notes:

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.4.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Recreational User/Trespasser
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.01
NA = Not applicable/Not available														Total Cardiovascular System HI Across Media =	0.4
														Total Developmental HI Across Media =	0.0002
														Total Gastrointestinal HI Across Media =	0.1
														Total Hair HI Across Media =	0.1
														Total Immune system HI Across Media =	0.006
														Total Lifetime HI Across Media =	0.01
														Total Nervous System HI Across Media =	0.04
														Total Reproductive HI Across Media =	0.0002
														Total Respiratory HI Across Media =	0.0003
														Total Dermal HI Across Media =	0.5
														Total Thyroid HI Across Media =	0.07

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.5.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Industrial/Commercial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Calculation of Background-Related Risks													
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	2E-02	NA	NA	2E-02	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	5E-03	NA	NA	5E-03	
			ARSENIC	3E-05	NA	4E-06	3E-05	Dermal, Cardiovascular System	2E-01	NA	2E-02	2E-01	
			CADMIUM	NA	NA	NA	NA	Urinary System	9E-04	NA	2E-04	1E-03	
			COBALT	NA	NA	NA	NA	Thyroid	3E-02	NA	NA	3E-02	
			IRON	NA	NA	NA	NA	Gastrointestinal	5E-02	NA	NA	5E-02	
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-03	NA	NA	2E-03	
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	3E-03	NA	NA	3E-03	
			THALLIUM	NA	NA	NA	NA	Hair	6E-02	NA	NA	6E-02	
			VANADIUM	NA	NA	NA	NA	Dermal	1E-02	NA	NA	1E-02	
	Exposure Point Total		3E-05	NA	4E-06	3E-05		4E-01	NA	2E-02	4E-01		
	Exposure Medium Total		3E-05	NA	4E-06	3E-05		4E-01	NA	2E-02	4E-01		
	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	1E-03	NA	1E-03	
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	
ARSENIC			NA	3E-08	NA	3E-08	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	1E-03	NA	1E-03		
CADMIUM			NA	2E-10	NA	2E-10	Urinary System	NA	3E-05	NA	3E-05		
COBALT			NA	1E-08	NA	1E-08	Respiratory	NA	6E-04	NA	6E-04		
IRON			NA	NA	NA	NA	NA	NA	NA	NA	NA		
MANGANESE			NA	NA	NA	NA	Nervous System	NA	2E-03	NA	2E-03		
MERCURY			NA	NA	NA	NA	Nervous System	NA	1E-06	NA	1E-06		
THALLIUM			NA	NA	NA	NA	NA	NA	NA	NA	NA		
VANADIUM			NA	NA	NA	NA	Respiratory	NA	2E-04	NA	2E-04		
Exposure Point Total		NA	4E-08	NA	4E-08		NA	5E-03	NA	5E-03			
Exposure Medium Total		NA	4E-08	NA	4E-08		NA	5E-03	NA	5E-03			
Surface Soil Total			3E-05	4E-08	4E-06	3E-05		4E-01	5E-03	2E-02	4E-01		
Receptor Total			3E-05	4E-08	4E-06	3E-05		4E-01	5E-03	2E-02	4E-01		

Notes:

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.5.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Industrial/Commercial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.005
NA = Not applicable/Not available														Total Cardiovascular System HI Across Media =	0.2
														Total Developmental HI Across Media =	0.001
														Total Gastrointestinal HI Across Media =	0.05
														Total Hair HI Across Media =	0.06
														Total Immune system HI Across Media =	0.003
														Total Lifetime HI Across Media =	0.005
														Total Nervous System HI Across Media =	0.02
														Total Reproductive HI Across Media =	0.001
														Total Respiratory HI Across Media =	0.002
														Total Dermal HI Across Media =	0.2
														Total Thyroid HI Across Media =	0.03

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.6.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Construction/Utility Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Calculation of Background-Related Risks												
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	5E-02	NA	NA	5E-02
			ANTIMONY	NA	NA	NA	NA	Whole Body	1E-02	NA	NA	1E-02
			ARSENIC	4E-06	NA	3E-07	4E-06	Dermal	6E-01	NA	5E-02	6E-01
			CADMIUM	NA	NA	NA	NA	Urinary System	3E-03	NA	3E-04	3E-03
			COBALT	NA	NA	NA	NA	Thyroid	9E-03	NA	NA	9E-03
			IRON	NA	NA	NA	NA	Gastrointestinal	1E-01	NA	NA	1E-01
			MANGANESE	NA	NA	NA	NA	Nervous System	5E-03	NA	NA	5E-03
			MERCURY	NA	NA	NA	NA	Urinary System	1E-03	NA	NA	1E-03
			THALLIUM	NA	NA	NA	NA	Hair	4E-02	NA	NA	4E-02
			VANADIUM	NA	NA	NA	NA	Hematologic	1E-02	NA	NA	1E-02
	Exposure Point Total		4E-06	NA	3E-07	4E-06		8E-01	NA	5E-02	9E-01	
	Exposure Medium Total		4E-06	NA	3E-07	4E-06		8E-01	NA	5E-02	9E-01	
Ambient Air	Emissions from Total Soil (0 - 10 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	9E-02	NA	9E-02	
		ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		ARSENIC	NA	9E-08	NA	9E-08	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	1E-01	NA	1E-01	
		CADMIUM	NA	6E-10	NA	6E-10	Urinary System	NA	2E-03	NA	2E-03	
		COBALT	NA	3E-08	NA	3E-08	Respiratory	NA	1E-02	NA	1E-02	
		IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		MANGANESE	NA	NA	NA	NA	Nervous System	NA	1E-01	NA	1E-01	
		MERCURY	NA	NA	NA	NA	Nervous System	NA	8E-05	NA	8E-05	
		THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		VANADIUM	NA	NA	NA	NA	Respiratory	NA	1E-02	NA	1E-02	
	Exposure Point Total		NA	1E-07	NA	1E-07		NA	3E-01	NA	3E-01	
	Exposure Medium Total		NA	1E-07	NA	1E-07		NA	3E-01	NA	3E-01	
Total Soil Total			4E-06	1E-07	3E-07	4E-06		8E-01	3E-01	5E-02	1E+00	
Receptor Total			4E-06	1E-07	3E-07	4E-06		8E-01	3E-01	5E-02	1E+00	

Notes:

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.6.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Construction/Utility Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.01
NA = Not applicable or not available														Total Cardiovascular System HI Across Media =	0.1
														Total Developmental HI Across Media =	0.1
														Total Gastrointestinal HI Across Media =	0.1
														Total Hair HI Across Media =	0.04
														Total Nervous System HI Across Media =	0.4
														Total Whole Body HI Across Media =	0.01
														Total Reproductive HI Across Media =	0.1
														Total Respiratory HI Across Media =	0.1
														Total Dermal HI Across Media =	0.7
														Total Thyroid HI Across Media =	0.009

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TABLE 9.7.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Calculation of Background-Related Risks												
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	2E-02	NA	NA	2E-02
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	6E-03	NA	NA	6E-03
			ARSENIC	NA	NA	NA	NA	Dermal, Cardiovascular System	3E-01	NA	3E-02	3E-01
			CADMIUM	NA	NA	NA	NA	Urinary System	1E-03	NA	2E-04	1E-03
			COBALT	NA	NA	NA	NA	Thyroid	4E-02	NA	NA	4E-02
			IRON	NA	NA	NA	NA	Gastrointestinal	7E-02	NA	NA	7E-02
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-03	NA	NA	2E-03
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	4E-03	NA	NA	4E-03
			THALLIUM	NA	NA	NA	NA	Hair	8E-02	NA	NA	8E-02
			VANADIUM	NA	NA	NA	NA	Dermal	1E-02	NA	NA	1E-02
		Exposure Point Total		NA	NA	NA	NA		5E-01	NA	3E-02	5E-01
	Exposure Medium Total		NA	NA	NA	NA		5E-01	NA	3E-02	5E-01	
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	5E-03	NA	5E-03
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	NA	NA	NA	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	6E-03	NA	6E-03
			CADMIUM	NA	NA	NA	NA	Urinary System	NA	1E-04	NA	1E-04
			COBALT	NA	NA	NA	NA	Respiratory	NA	2E-03	NA	2E-03
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	7E-03	NA	7E-03
			MERCURY	NA	NA	NA	NA	Nervous System	NA	4E-06	NA	4E-06
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	7E-04	NA	7E-04
		Exposure Point Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02
	Exposure Medium Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02	
Surface Soil Total			NA	NA	NA	NA		5E-01	2E-02	3E-02	6E-01	
Receptor Total			NA	NA	NA	NA		5E-01	2E-02	3E-02	6E-01	

Notes:

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.7.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.006
NA = Not applicable/Not available														Total Cardiovascular System HI Across Media =	0.3
														Total Developmental HI Across Media =	0.006
														Total Gastrointestinal HI Across Media =	0.07
														Total Hair HI Across Media =	0.08
														Total Immune system HI Across Media =	0.004
														Total Lifetime HI Across Media =	0.006
														Total Nervous System HI Across Media =	0.04
														Total Reproductive HI Across Media =	0.006
														Total Respiratory HI Across Media =	0.009
														Total Dermal HI Across Media =	0.3
														Total Thyroid HI Across Media =	0.04

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TABLE 9.8.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Calculation of Background-Related Risks													
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	2E-01	NA	NA	2E-01	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	7E-02	NA	NA	7E-02	
			ARSENIC	NA	NA	NA	NA	Dermal, Cardiovascular System	3E+00	NA	2E-01	3E+00	
			CADMIUM	NA	NA	NA	NA	Urinary System	1E-02	NA	1E-03	1E-02	
			COBALT	NA	NA	NA	NA	Thyroid	5E-01	NA	NA	5E-01	
			IRON	NA	NA	NA	NA	Gastrointestinal	7E-01	NA	NA	7E-01	
			MANGANESE	NA	NA	NA	NA	Nervous System	3E-02	NA	NA	3E-02	
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	4E-02	NA	NA	4E-02	
			THALLIUM	NA	NA	NA	NA	Hair	8E-01	NA	NA	8E-01	
			VANADIUM	NA	NA	NA	NA	Dermal	1E-01	NA	NA	1E-01	
	Exposure Point Total		NA	NA	NA	NA		5E+00	NA	2E-01	6E+00		
	Exposure Medium Total		NA	NA	NA	NA		5E+00	NA	2E-01	6E+00		
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	5E-03	NA	5E-03	
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			ARSENIC	NA	NA	NA	NA	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	6E-03	NA	6E-03	
			CADMIUM	NA	NA	NA	NA	Urinary System	NA	1E-04	NA	1E-04	
			COBALT	NA	NA	NA	NA	Respiratory	NA	2E-03	NA	2E-03	
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	7E-03	NA	7E-03	
			MERCURY	NA	NA	NA	NA	Nervous System	NA	4E-06	NA	4E-06	
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	7E-04	NA	7E-04	
	Exposure Point Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02		
	Exposure Medium Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02		
Surface Soil Total			NA	NA	NA	NA		5E+00	2E-02	2E-01	6E+00		
Receptor Total			NA	NA	NA	NA		5E+00	2E-02	2E-01	6E+00		

Notes:

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.8.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.07
NA = Not applicable/Not available														Total Cardiovascular System HI Across Media =	3
														Total Developmental HI Across Media =	0.006
														Total Gastrointestinal HI Across Media =	0.7
														Total Hair HI Across Media =	0.8
														Total Immune system HI Across Media =	0.04
														Total Lifetime HI Across Media =	0.07
														Total Nervous System HI Across Media =	0.3
														Total Reproductive HI Across Media =	0.006
														Total Respiratory HI Across Media =	0.009
														Total Dermal HI Across Media =	3
														Total Thyroid HI Across Media =	0.5

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TABLE 9.9.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Calculation of Background-Related Risks												
Surface Soil	Surface Soil	Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	
			ARSENIC	1E-04	NA	1E-05	2E-04	NA	NA	NA	NA	
			CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	
			COBALT	NA	NA	NA	NA	NA	NA	NA	NA	
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	
			MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	
			MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	
			VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	
		Exposure Point Total	1E-04	NA	1E-05	2E-04		NA	NA	NA	NA	
	Exposure Medium Total	1E-04	NA	1E-05	2E-04		NA	NA	NA	NA		
Surface Soil	Ambient Air	Emissions from Surface Soil (0 - 2 feet bgs)	ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	1E-07	NA	1E-07	NA	NA	NA	NA	NA
			CADMIUM	NA	9E-10	NA	9E-10	NA	NA	NA	NA	NA
			COBALT	NA	5E-08	NA	5E-08	NA	NA	NA	NA	NA
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Exposure Point Total	NA	2E-07	NA	2E-07		NA	NA	NA	NA	
	Exposure Medium Total	NA	2E-07	NA	2E-07		NA	NA	NA	NA		
Surface Soil Total			1E-04	2E-07	1E-05	2E-04		NA	NA	NA	NA	
Receptor Total			1E-04	2E-07	1E-05	2E-04		NA	NA	NA	NA	

Notes:

NA = Not applicable/Not available

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.10.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Calculation of Background-Related Risks													
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	2E-02	NA	NA	2E-02	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	6E-03	NA	NA	6E-03	
			ARSENIC	NA	NA	NA	NA	Dermal, Cardiovascular System	3E-01	NA	3E-02	3E-01	
			CADMIUM	NA	NA	NA	NA	Urinary System	1E-03	NA	2E-04	1E-03	
			COBALT	NA	NA	NA	NA	Thyroid	4E-02	NA	NA	4E-02	
			IRON	NA	NA	NA	NA	Gastrointestinal	7E-02	NA	NA	7E-02	
			MANGANESE	NA	NA	NA	NA	Nervous System	2E-03	NA	NA	2E-03	
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	4E-03	NA	NA	4E-03	
			THALLIUM	NA	NA	NA	NA	Hair	8E-02	NA	NA	8E-02	
			VANADIUM	NA	NA	NA	NA	Dermal	1E-02	NA	NA	1E-02	
	Exposure Point Total		NA	NA	NA	NA		5E-01	NA	3E-02	5E-01		
	Exposure Medium Total		NA	NA	NA	NA		5E-01	NA	3E-02	5E-01		
Total Soil	Ambient Air	Emissions from Total Soil (0 - 10 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	5E-03	NA	5E-03	
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			ARSENIC	NA	NA	NA	NA	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	6E-03	NA	6E-03	
			CADMIUM	NA	NA	NA	NA	Urinary System	NA	1E-04	NA	1E-04	
			COBALT	NA	NA	NA	NA	Respiratory	NA	2E-03	NA	2E-03	
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	7E-03	NA	7E-03	
			MERCURY	NA	NA	NA	NA	Nervous System	NA	4E-06	NA	4E-06	
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	7E-04	NA	7E-04	
	Exposure Point Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02		
	Exposure Medium Total		NA	NA	NA	NA		NA	2E-02	NA	2E-02		
Total Soil Total			NA	NA	NA	NA		5E-01	2E-02	3E-02	6E-01		
Receptor Total			NA	NA	NA	NA		5E-01	2E-02	3E-02	6E-01		

Notes:

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TABLE 9.10.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.006
NA = Not applicable/Not available														Total Cardiovascular System HI Across Media =	0.3
														Total Developmental HI Across Media =	0.006
														Total Gastrointestinal HI Across Media =	0.07
														Total Hair HI Across Media =	0.08
														Total Immune system HI Across Media =	0.004
														Total Lifetime HI Across Media =	0.006
														Total Nervous System HI Across Media =	0.04
														Total Reproductive HI Across Media =	0.006
														Total Respiratory HI Across Media =	0.009
														Total Dermal HI Across Media =	0.3
														Total Thyroid HI Across Media =	0.04

APPENDIX H - Human Health Risk Assessment Methodology

TABLE 9.11.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient					
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total	
Calculation of Background-Related Risks													
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	2E-01	NA	NA	2E-01	
			ANTIMONY	NA	NA	NA	NA	Lifetime, Hematologic	7E-02	NA	NA	7E-02	
			ARSENIC	NA	NA	NA	NA	Dermal, Cardiovascular System	3E+00	NA	2E-01	3E+00	
			CADMIUM	NA	NA	NA	NA	Urinary System	1E-02	NA	1E-03	1E-02	
			COBALT	NA	NA	NA	NA	Thyroid	5E-01	NA	NA	5E-01	
			IRON	NA	NA	NA	NA	Gastrointestinal	7E-01	NA	NA	7E-01	
			MANGANESE	NA	NA	NA	NA	Nervous System	3E-02	NA	NA	3E-02	
			MERCURY	NA	NA	NA	NA	Immune System, Urinary System	4E-02	NA	NA	4E-02	
			THALLIUM	NA	NA	NA	NA	Hair	8E-01	NA	NA	8E-01	
			VANADIUM	NA	NA	NA	NA	Dermal	1E-01	NA	NA	1E-01	
		Exposure Point Total	NA	NA	NA	NA		5E+00	NA	2E-01	6E+00		
		Exposure Medium Total	NA	NA	NA	NA		5E+00	NA	2E-01	6E+00		
Total Soil	Ambient Air	Emissions from Total Soil (0 - 10 feet bgs)	ALUMINUM	NA	NA	NA	NA	Nervous System	NA	5E-03	NA	5E-03	
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			ARSENIC	NA	NA	NA	NA	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Dermal	NA	6E-03	NA	6E-03	
			CADMIUM	NA	NA	NA	NA	Urinary System	NA	1E-04	NA	1E-04	
			COBALT	NA	NA	NA	NA	Respiratory	NA	2E-03	NA	2E-03	
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			MANGANESE	NA	NA	NA	NA	Nervous System	NA	7E-03	NA	7E-03	
			MERCURY	NA	NA	NA	NA	Nervous System	NA	4E-06	NA	4E-06	
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			VANADIUM	NA	NA	NA	NA	Respiratory	NA	7E-04	NA	7E-04	
		Exposure Point Total	NA	NA	NA	NA		NA	2E-02	NA	2E-02		
		Exposure Medium Total	NA	NA	NA	NA		NA	2E-02	NA	2E-02		
Total Soil Total				NA	NA	NA	NA		5E+00	2E-02	2E-01	6E+00	
Receptor Total				NA	NA	NA	NA		5E+00	2E-02	2E-01	6E+00	

Notes:

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TABLE 9.11.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient							
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total			
HI = Hazard Index														Total Hematologic HI Across Media =	0.07
NA = Not applicable/Not available														Total Cardiovascular System HI Across Media =	3
														Total Developmental HI Across Media =	0.006
														Total Gastrointestinal HI Across Media =	0.7
														Total Hair HI Across Media =	0.8
														Total Immune system HI Across Media =	0.04
														Total Lifetime HI Across Media =	0.07
														Total Nervous System HI Across Media =	0.3
														Total Reproductive HI Across Media =	0.006
														Total Respiratory HI Across Media =	0.009
														Total Dermal HI Across Media =	3
														Total Thyroid HI Across Media =	0.5

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TABLE 9.12.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Calculation of Background-Related Risks												
Total Soil	Total Soil	Total Soil (0 - 10 feet bgs)	ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	1E-04	NA	1E-05	2E-04	NA	NA	NA	NA	NA
			CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Exposure Point Total		1E-04	NA	1E-05	2E-04		NA	NA	NA	NA	
	Exposure Medium Total		1E-04	NA	1E-05	2E-04		NA	NA	NA	NA	
Total Soil	Ambient Air	Emissions from Total Soil (0 - 10 feet bgs)	ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			ARSENIC	NA	1E-07	NA	1E-07	NA	NA	NA	NA	NA
			CADMIUM	NA	9E-10	NA	9E-10	NA	NA	NA	NA	NA
			COBALT	NA	5E-08	NA	5E-08	NA	NA	NA	NA	NA
			IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA
			MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA
			THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
			VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Exposure Point Total		NA	2E-07	NA	2E-07		NA	NA	NA	NA	
	Exposure Medium Total		NA	2E-07	NA	2E-07		NA	NA	NA	NA	
Total Soil Total			1E-04	2E-07	1E-05	2E-04		NA	NA	NA	NA	
Receptor Total			1E-04	2E-07	1E-05	2E-04		NA	NA	NA	NA	

Notes:

NA = Not applicable/Not available

Attachment H-5 Non-Detect Screening

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 1

Comparison of Non-detected Results to Screening Levels - Surface Soil (0-2 feet bgs)

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
1,2,4-TRICHLOROBENZENE	120-82-1	0 / 39	mg/kg	3.50E-01	1.40E+00	5.80E+00	No
1,2-DICHLOROBENZENE (BNA)	95-50-1	0 / 39	mg/kg	3.50E-01	1.40E+00	1.80E+02	No
1,3-DICHLOROBENZENE (BNA)	541-73-1	0 / 39	mg/kg	3.50E-01	1.40E+00	2.60E+00	No
1,4-DICHLOROBENZENE (BNA)	106-46-7	0 / 39	mg/kg	3.50E-01	1.40E+00	2.60E+00	No
2,4,5-TRICHLOROPHENOL	95-95-4	0 / 39	mg/kg	1.70E+00	6.90E+00	6.30E+02	No
2,4,6-TRICHLOROPHENOL	88-06-2	0 / 39	mg/kg	3.50E-01	1.40E+00	6.30E+00	No
2,4-DICHLOROPHENOL	120-83-2	0 / 39	mg/kg	3.50E-01	1.40E+00	1.90E+01	No
2,4-DIMETHYLPHENOL	105-67-9	0 / 39	mg/kg	3.50E-01	1.40E+00	1.30E+02	No
2,4-DINITROPHENOL	51-28-5	0 / 39	mg/kg	1.70E+00	6.90E+00	1.30E+01	No
2,4-DINITROTOLUENE (BNA)	121-14-2	0 / 39	mg/kg	3.50E-01	1.40E+00	1.70E+00	No
2,6-DINITROTOLUENE (BNA)	606-20-2	0 / 39	mg/kg	3.50E-01	1.40E+00	3.60E-01	Yes
2-CHLORONAPHTHALENE	91-58-7	0 / 39	mg/kg	3.50E-01	1.40E+00	4.80E+02	No
2-CHLOROPHENOL	95-57-8	0 / 39	mg/kg	3.50E-01	1.40E+00	3.90E+01	No
2-METHYLPHENOL (O-CRESOL)	95-48-7	0 / 39	mg/kg	3.50E-01	1.40E+00	3.20E+02	No
2-NITROANILINE	88-74-4	0 / 39	mg/kg	1.70E+00	6.90E+00	6.30E+01	No
2-NITROPHENOL	88-75-5	0 / 39	mg/kg	3.50E-01	1.40E+00	5.10E+00	No
3,3'-DICHLOROBENZIDINE	91-94-1	0 / 39	mg/kg	7.00E-01	2.70E+00	1.20E+00	Yes
3-NITROANILINE	99-09-2	0 / 39	mg/kg	1.70E+00	6.90E+00	6.30E+01	No
4,6-DINITRO-2-METHYLPHENOL	534-52-1	0 / 39	mg/kg	1.70E+00	6.90E+00	5.10E-01	Yes
4-BROMOPHENYL PHENYL ETHER	101-55-3	0 / 39	mg/kg	3.50E-01	1.40E+00	NA	NA
4-CHLORO-3-METHYLPHENOL	59-50-7	0 / 39	mg/kg	3.50E-01	1.40E+00	6.30E+02	No
4-CHLOROANILINE	106-47-8	0 / 39	mg/kg	3.50E-01	1.40E+00	2.70E+00	No
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	0 / 39	mg/kg	3.50E-01	1.40E+00	NA	NA
4-METHYLPHENOL	106-44-5	0 / 39	mg/kg	3.50E-01	1.40E+00	6.30E+02	No
4-NITROANILINE	100-01-6	0 / 39	mg/kg	1.70E+00	6.90E+00	2.50E+01	No
4-NITROPHENOL	100-02-7	0 / 39	mg/kg	1.70E+00	6.90E+00	5.10E+00	Yes
ACENAPHTHYLENE	208-96-8	0 / 39	mg/kg	3.50E-01	1.40E+00	3.60E+02	No
BIS(2-CHLOROETHOXY)METHANE	111-91-1	0 / 39	mg/kg	3.50E-01	1.40E+00	1.90E+01	No
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	0 / 39	mg/kg	3.50E-01	1.40E+00	2.30E-01	Yes
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	0 / 39	mg/kg	3.50E-01	1.40E+00	3.10E+02	No
CARBAZOLE	86-74-8	0 / 39	mg/kg	3.50E-01	1.40E+00	NA	NA
DIBENZ(A,H)ANTHRACENE	53-70-3	0 / 39	mg/kg	3.50E-01	1.40E+00	1.10E-01	Yes
DIETHYL PHTHALATE	84-66-2	0 / 39	mg/kg	3.50E-01	1.40E+00	5.10E+03	No
DIMETHYL PHTHALATE	131-11-3	0 / 39	mg/kg	3.50E-01	1.40E+00	5.10E+03	No
DI-N-BUTYL PHTHALATE	84-74-2	0 / 39	mg/kg	3.50E-01	1.40E+00	6.30E+02	No
DI-N-OCTYL PHTHALATE	117-84-0	0 / 39	mg/kg	3.50E-01	1.40E+00	6.30E+01	No
HEXACHLOROBENZENE	118-74-1	0 / 39	mg/kg	3.50E-01	1.40E+00	2.10E-01	Yes
HEXACHLOROBUTADIENE	87-68-3	0 / 39	mg/kg	3.50E-01	1.40E+00	1.20E+00	Yes
HEXACHLOROCYCLOPENTADIENE	77-47-4	0 / 39	mg/kg	3.50E-01	1.40E+00	1.80E-01	Yes
HEXACHLOROETHANE	67-72-1	0 / 39	mg/kg	3.50E-01	1.40E+00	1.80E+00	No
ISOPHORONE	78-59-1	0 / 39	mg/kg	3.50E-01	1.40E+00	5.70E+02	No
NITROBENZENE (BNA)	98-95-3	0 / 39	mg/kg	3.50E-01	1.40E+00	5.10E+00	No
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	0 / 39	mg/kg	3.50E-01	1.40E+00	7.80E-02	Yes
N-NITROSODIPHENYLAMINE	86-30-6	0 / 39	mg/kg	3.50E-01	1.40E+00	1.10E+02	No
PENTACHLOROPHENOL	87-86-5	0 / 39	mg/kg	1.70E+00	6.90E+00	1.00E+00	Yes
PHENOL	108-95-2	0 / 39	mg/kg	3.50E-01	1.40E+00	1.90E+03	No
1,3,5-TRINITROBENZENE	99-35-4	0 / 8	mg/kg	2.00E-01	2.50E-01	2.20E+02	No
1,3-DINITROBENZENE	99-65-0	0 / 8	mg/kg	2.00E-01	2.50E-01	6.30E-01	No
2,4,6-TRINITROTOLUENE	118-96-7	0 / 8	mg/kg	2.00E-01	2.50E-01	3.60E+00	No
2,4-DINITROTOLUENE (VOC)	121-14-2	0 / 8	mg/kg	2.00E-01	2.50E-01	1.70E+00	No
2,6-DINITROTOLUENE (VOC)	606-20-2	0 / 8	mg/kg	2.00E-01	2.60E-01	3.60E-01	No
AMINO-DNT'S	1946-51-0	0 / 8	mg/kg	2.00E-01	2.50E-01	NA	NA
HMX	2691-41-0	0 / 8	mg/kg	1.70E+00	2.20E+00	3.90E+02	No
NITROBENZENE (VOC)	98-95-3	0 / 8	mg/kg	2.00E-01	2.60E-01	5.10E+00	No
NITROGLYCERIN	55-63-0	0 / 1	mg/kg	1.60E+00	1.60E+00	6.30E-01	Yes
PETN	78-11-5	0 / 1	mg/kg	1.60E+00	1.60E+00	1.30E+01	No
RDX	121-82-4	0 / 8	mg/kg	8.50E-01	1.10E+00	8.30E+00	No
TETRYL	479-45-8	0 / 8	mg/kg	5.90E-01	7.40E-01	1.60E+01	No
AROCLOR-1016	12674-11-2	0 / 39	mg/kg	4.10E-02	1.50E+00	4.10E-01	Yes
AROCLOR-1221	11104-28-2	0 / 39	mg/kg	4.10E-02	1.50E+00	2.00E-01	Yes
AROCLOR-1232	11141-16-5	0 / 39	mg/kg	4.10E-02	1.50E+00	1.70E-01	Yes
AROCLOR-1242	53469-21-9	0 / 39	mg/kg	4.10E-02	1.50E+00	2.30E-01	Yes
AROCLOR-1248	12672-29-6	0 / 39	mg/kg	4.10E-02	1.50E+00	2.30E-01	Yes
AROCLOR-1254	11097-69-1	0 / 39	mg/kg	8.30E-02	3.10E+00	1.20E-01	Yes
AROCLOR-1260	11096-82-5	0 / 39	mg/kg	8.30E-02	3.10E+00	2.40E-01	Yes
ALPHA-BHC	319-84-6	0 / 39	mg/kg	4.10E-03	1.50E-01	8.60E-02	Yes
ALPHA-CHLORDANE	5103-71-9	0 / 39	mg/kg	4.10E-02	1.50E+00	1.70E+00	No
BETA-BHC	319-85-7	0 / 39	mg/kg	4.10E-03	1.50E-01	3.00E-01	No
DELTA-BHC	319-86-8	0 / 39	mg/kg	4.10E-03	1.50E-01	3.00E-01	No
DIELDRIN	60-57-1	0 / 39	mg/kg	8.30E-03	3.10E-01	3.40E-02	Yes
ENDOSULFAN I	959-98-8	0 / 39	mg/kg	4.10E-03	1.50E-01	4.70E+01	No

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 1

Comparison of Non-detected Results to Screening Levels - Surface Soil (0-2 feet bgs)

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
ENDOSULFAN II	33213-65-9	0 / 39	mg/kg	8.30E-03	3.10E-01	4.70E+01	No
ENDOSULFAN SULFATE	1031-07-8	0 / 39	mg/kg	8.30E-03	3.10E-01	4.70E+01	No
ENDRIN	72-20-8	0 / 39	mg/kg	8.30E-03	3.10E-01	1.90E+00	No
ENDRIN ALDEHYDE	7421-93-4	0 / 39	mg/kg	8.30E-03	3.10E-01	1.90E+00	No
ENDRIN KETONE	53494-70-5	0 / 39	mg/kg	8.30E-03	3.10E-01	1.90E+00	No
GAMMA BHC (LINDANE)	58-89-9	0 / 39	mg/kg	4.10E-03	1.50E-01	5.70E-01	No
GAMMA-CHLORDANE	5103-74-2	0 / 39	mg/kg	4.10E-02	1.50E+00	1.70E+00	No
HEPTACHLOR	76-44-8	0 / 39	mg/kg	4.10E-03	1.50E-01	1.30E-01	Yes
METHOXYCHLOR	72-43-5	0 / 39	mg/kg	4.10E-02	1.50E+00	3.20E+01	No
TOXAPHENE	8001-35-2	0 / 39	mg/kg	8.30E-02	3.10E+00	4.90E-01	Yes
THIODIGLYCOL	111-48-8	0 / 1	mg/kg	2.00E-01	2.00E-01	5.40E+02	No
1,1,1-TRICHLOROETHANE	71-55-6	0 / 39	mg/kg	5.00E-03	2.10E-02	8.10E+02	No
1,1,2,2-TETRACHLOROETHANE	79-34-5	0 / 39	mg/kg	5.00E-03	2.10E-02	6.00E-01	No
1,1,2-TRICHLOROETHANE	79-00-5	0 / 39	mg/kg	5.00E-03	2.10E-02	1.50E-01	No
1,1-DICHLOROETHANE	75-34-3	0 / 39	mg/kg	5.00E-03	2.10E-02	3.60E+00	No
1,1-DICHLOROETHENE	75-35-4	0 / 39	mg/kg	5.00E-03	2.10E-02	2.30E+01	No
1,2-DICHLOROETHANE	107-06-2	0 / 39	mg/kg	5.00E-03	2.10E-02	4.60E-01	No
1,2-DICHLOROPROPANE	78-87-5	0 / 39	mg/kg	5.00E-03	2.10E-02	1.60E+00	No
2-HEXANONE	591-78-6	0 / 39	mg/kg	1.10E-02	4.20E-02	2.00E+01	No
4-METHYL-2-PENTANONE	108-10-1	0 / 39	mg/kg	1.10E-02	4.20E-02	3.30E+03	No
BROMODICHLOROMETHANE	75-27-4	0 / 39	mg/kg	5.00E-03	2.10E-02	2.90E-01	No
BROMOFORM	75-25-2	0 / 39	mg/kg	5.00E-03	2.10E-02	1.90E+01	No
BROMOMETHANE	74-83-9	0 / 39	mg/kg	1.10E-02	4.20E-02	6.80E-01	No
CARBON TETRACHLORIDE	56-23-5	0 / 39	mg/kg	5.00E-03	2.10E-02	6.50E-01	No
CHLOROBENZENE	108-90-7	0 / 39	mg/kg	5.00E-03	2.10E-02	2.80E+01	No
CHLOROETHANE	75-00-3	0 / 39	mg/kg	1.10E-02	4.20E-02	1.40E+03	No
CHLOROFORM	67-66-3	0 / 39	mg/kg	5.00E-03	2.10E-02	3.20E-01	No
CHLOROMETHANE	74-87-3	0 / 39	mg/kg	1.10E-02	4.20E-02	1.10E+01	No
CIS-1,3-DICHLOROPROPENE	10061-01-5	0 / 39	mg/kg	5.00E-03	2.10E-02	1.80E+00	No
DIBROMOCHLOROMETHANE	124-48-1	0 / 39	mg/kg	5.00E-03	2.10E-02	8.30E+00	No
ETHYLBENZENE	100-41-4	0 / 39	mg/kg	5.00E-03	2.10E-02	5.80E+00	No
STYRENE	100-42-5	0 / 39	mg/kg	5.00E-03	2.10E-02	6.00E+02	No
TETRACHLOROETHYLENE	127-18-4	0 / 39	mg/kg	5.00E-03	2.10E-02	8.10E+00	No
TOTAL-1,2-DICHLOROETHENE	540-59-0	0 / 39	mg/kg	5.00E-03	2.10E-02	1.60E+01	No
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0 / 39	mg/kg	5.00E-03	2.10E-02	1.80E+00	No
TRICHLOROETHYLENE	79-01-6	0 / 39	mg/kg	5.00E-03	2.10E-02	4.10E-01	No
VINYL ACETATE	108-05-4	0 / 39	mg/kg	1.10E-02	4.20E-02	9.10E+01	No
VINYL CHLORIDE	75-01-4	0 / 39	mg/kg	1.10E-02	4.20E-02	5.90E-02	No

Notes:

EPA's Regional Screening Levels for Chemical Contaminants at Superfund Sites (November, 2018) for residential soil were used in the comparison.

RSL based on noncarcinogenic endpoints based on hazard quotient of 0.1. RSL based on carcinogenic endpoints based on cancer risk of 10⁻⁶.

RSL value for 1,4-dichlorobenzene used as a surrogate for 1,3-dichlorobenzene.

RSL value for Nitrobenzene used for 2-Nitrophenol.

RSL value for 2-nitroaniline used for 3-nitroaniline.

RSL value for Nitrobenzene used for 4-Nitrophenol.

RSL value for acenaphthene used for acenaphthylene.

RSL value for diethyl phthalate used for dimethyl phthalate.

RSL value for chlordane used for alpha-chlordane.

RSL value for technical-HCH used for delta-BHC.

RSL value for endosulfan used for endosulfan I.

RSL value for endosulfan used for endosulfan II.

RSL value for endosulfan used for endosulfan sulfate.

RSL value for endrin used for endrin aldehyde.

RSL value for chlordane used for gamma-chlordane.

RSL value for 1,3-dichloropropene used as a surrogate for cis-1,3-dichloropropene.

RSL value for cis-1,2-dichloroethene used for total-1,2-dichloroethene.

RSL value for 1,3-dichloropropene used as a surrogate for trans-1,3-dichloropropene.

mg/kg = milligram per kilogram

NA = not available

ND = Non-detect

RSL = Regional Screening Level

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 2

Comparison of Non-detected Results to Screening Levels - Subsurface Soil (2-10 feet bgs)

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
1,2,4-TRICHLOROBENZENE	120-82-1	0 / 11	mg/kg	3.70E-01	7.90E-01	5.80E+00	No
1,2-DICHLOROBENZENE (BNA)	95-50-1	0 / 11	mg/kg	3.70E-01	7.90E-01	1.80E+02	No
1,3-DICHLOROBENZENE (BNA)	541-73-1	0 / 11	mg/kg	3.70E-01	7.90E-01	2.60E+00	No
1,4-DICHLOROBENZENE (BNA)	106-46-7	0 / 11	mg/kg	3.70E-01	7.90E-01	2.60E+00	No
2,4,5-TRICHLOROPHENOL	95-95-4	0 / 11	mg/kg	1.80E+00	3.90E+00	6.30E+02	No
2,4,6-TRICHLOROPHENOL	88-06-2	0 / 11	mg/kg	3.70E-01	7.90E-01	6.30E+00	No
2,4-DICHLOROPHENOL	120-83-2	0 / 11	mg/kg	3.70E-01	7.90E-01	1.90E+01	No
2,4-DIMETHYLPHENOL	105-67-9	0 / 11	mg/kg	3.70E-01	7.90E-01	1.30E+02	No
2,4-DINITROPHENOL	51-28-5	0 / 11	mg/kg	1.80E+00	3.90E+00	1.30E+01	No
2,4-DINITROTOLUENE (BNA)	121-14-2	0 / 11	mg/kg	3.70E-01	7.90E-01	1.70E+00	No
2,6-DINITROTOLUENE (BNA)	606-20-2	0 / 11	mg/kg	3.70E-01	7.90E-01	3.60E-01	Yes
2-CHLORONAPHTHALENE	91-58-7	0 / 11	mg/kg	3.70E-01	7.90E-01	4.80E+02	No
2-CHLOROPHENOL	95-57-8	0 / 11	mg/kg	3.70E-01	7.90E-01	3.90E+01	No
2-METHYLNAPHTHALENE	91-57-6	0 / 11	mg/kg	3.70E-01	7.90E-01	2.40E+01	No
2-METHYLPHENOL (O-CRESOL)	95-48-7	0 / 11	mg/kg	3.70E-01	7.90E-01	3.20E+02	No
2-NITROANILINE	88-74-4	0 / 11	mg/kg	1.80E+00	3.90E+00	6.30E+01	No
2-NITROPHENOL	88-75-5	0 / 11	mg/kg	3.70E-01	7.90E-01	5.10E+00	No
3,3'-DICHLOROBENZIDINE	91-94-1	0 / 11	mg/kg	7.40E-01	1.60E+00	1.20E+00	Yes
3-NITROANILINE	99-09-2	0 / 11	mg/kg	1.80E+00	3.90E+00	6.30E+01	No
4,6-DINITRO-2-METHYLPHENOL	534-52-1	0 / 11	mg/kg	1.80E+00	3.90E+00	5.10E-01	Yes
4-BROMOPHENYL PHENYL ETHER	101-55-3	0 / 11	mg/kg	3.70E-01	7.90E-01	NA	NA
4-CHLORO-3-METHYLPHENOL	59-50-7	0 / 11	mg/kg	3.70E-01	7.90E-01	6.30E+02	No
4-CHLOROANILINE	106-47-8	0 / 11	mg/kg	3.70E-01	7.90E-01	2.70E+00	No
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	0 / 11	mg/kg	3.70E-01	7.90E-01	NA	NA
4-METHYLPHENOL	106-44-5	0 / 11	mg/kg	3.70E-01	7.90E-01	6.30E+02	No
4-NITROANILINE	100-01-6	0 / 11	mg/kg	1.80E+00	3.90E+00	2.50E+01	No
4-NITROPHENOL	100-02-7	0 / 11	mg/kg	1.80E+00	3.90E+00	5.10E+00	No
ACENAPHTHENE	83-32-9	0 / 11	mg/kg	3.70E-01	7.90E-01	3.60E+02	No
ACENAPHTHYLENE	208-96-8	0 / 11	mg/kg	3.70E-01	7.90E-01	3.60E+02	No
BIS(2-CHLOROETHOXY)METHANE	111-91-1	0 / 11	mg/kg	3.70E-01	7.90E-01	1.90E+01	No
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	0 / 11	mg/kg	3.70E-01	7.90E-01	2.30E-01	Yes
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	0 / 11	mg/kg	3.70E-01	7.90E-01	3.10E+02	No
BUTYLBENZYLPHTHALATE	85-68-7	0 / 11	mg/kg	3.70E-01	7.90E-01	2.90E+02	No
CARBAZOLE	86-74-8	0 / 11	mg/kg	3.70E-01	7.90E-01	NA	NA
DIBENZ(A,H)ANTHRACENE	53-70-3	0 / 11	mg/kg	3.70E-01	7.90E-01	1.10E-01	Yes
DIBENZOFURAN	132-64-9	0 / 11	mg/kg	3.70E-01	7.90E-01	7.30E+00	No
DIETHYL PHTHALATE	84-66-2	0 / 11	mg/kg	3.70E-01	7.90E-01	5.10E+03	No
DIMETHYL PHTHALATE	131-11-3	0 / 11	mg/kg	3.70E-01	7.90E-01	5.10E+03	No
DI-N-BUTYL PHTHALATE	84-74-2	0 / 11	mg/kg	3.70E-01	7.90E-01	6.30E+02	No
DI-N-OCTYL PHTHALATE	117-84-0	0 / 11	mg/kg	3.70E-01	7.90E-01	6.30E+01	No
FLUORENE	86-73-7	0 / 11	mg/kg	3.70E-01	7.90E-01	2.40E+02	No
HEXACHLOROBENZENE	118-74-1	0 / 11	mg/kg	3.70E-01	7.90E-01	2.10E-01	Yes
HEXACHLOROBUTADIENE	87-68-3	0 / 11	mg/kg	3.70E-01	7.90E-01	1.20E+00	No
HEXACHLOROCYCLOPENTADIENE	77-47-4	0 / 11	mg/kg	3.70E-01	7.90E-01	1.80E-01	Yes
HEXACHLOROETHANE	67-72-1	0 / 11	mg/kg	3.70E-01	7.90E-01	1.80E+00	No
ISOPHORONE	78-59-1	0 / 11	mg/kg	3.70E-01	7.90E-01	5.70E+02	No
NAPHTHALENE	91-20-3	0 / 11	mg/kg	3.70E-01	7.90E-01	3.80E+00	No
NITROBENZENE (BNA)	98-95-3	0 / 11	mg/kg	3.70E-01	7.90E-01	5.10E+00	No
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	0 / 11	mg/kg	3.70E-01	7.90E-01	7.80E-02	Yes
N-NITROSODIPHENYLAMINE	86-30-6	0 / 11	mg/kg	3.70E-01	7.90E-01	1.10E+02	No
PENTACHLOROPHENOL	87-86-5	0 / 11	mg/kg	1.80E+00	3.90E+00	1.00E+00	Yes
PHENOL	108-95-2	0 / 11	mg/kg	3.70E-01	7.90E-01	1.90E+03	No
1,3,5-TRINITROBENZENE	99-35-4	0 / 2	mg/kg	2.20E-01	2.20E-01	2.20E+02	No
1,3-DINITROBENZENE	99-65-0	0 / 2	mg/kg	2.20E-01	2.20E-01	6.30E-01	No
2,4,6-TRINITROTOLUENE	118-96-7	0 / 2	mg/kg	2.20E-01	2.20E-01	3.60E+00	No
2,4-DINITROTOLUENE (VOC)	121-14-2	0 / 2	mg/kg	2.20E-01	2.20E-01	1.70E+00	No
2,6-DINITROTOLUENE (VOC)	606-20-2	0 / 2	mg/kg	2.30E-01	2.30E-01	3.60E-01	No
AMINO-DNT'S	1946-51-0	0 / 2	mg/kg	2.20E-01	2.20E-01	NA	NA
HMX	2691-41-0	0 / 2	mg/kg	1.90E+00	2.00E+00	3.90E+02	No
NITROBENZENE (VOC)	98-95-3	0 / 2	mg/kg	2.30E-01	2.30E-01	5.10E+00	No
RDX	121-82-4	0 / 2	mg/kg	9.40E-01	9.60E-01	8.30E+00	No
TETRYL	479-45-8	0 / 2	mg/kg	6.50E-01	6.70E-01	1.60E+01	No
CYANIDE, TOTAL	57-12-5	0 / 2	mg/kg	5.00E-01	5.80E-01	2.30E+00	No
THALLIUM, TOTAL	7440-28-0	0 / 11	mg/kg	1.50E-01	1.30E+00	7.80E-02	Yes
AROCLOR-1016	12674-11-2	0 / 11	mg/kg	4.40E-02	2.40E+00	4.10E-01	Yes
AROCLOR-1221	11104-28-2	0 / 11	mg/kg	4.40E-02	2.40E+00	2.00E-01	Yes
AROCLOR-1232	11141-16-5	0 / 11	mg/kg	4.40E-02	2.40E+00	1.70E-01	Yes
AROCLOR-1242	53469-21-9	0 / 11	mg/kg	4.40E-02	2.40E+00	2.30E-01	Yes
AROCLOR-1248	12672-29-6	0 / 11	mg/kg	4.40E-02	2.40E+00	2.30E-01	Yes
AROCLOR-1254	11097-69-1	0 / 11	mg/kg	8.80E-02	4.70E+00	1.20E-01	Yes
AROCLOR-1260	11096-82-5	0 / 11	mg/kg	8.80E-02	4.70E+00	2.40E-01	Yes

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 2

Comparison of Non-detected Results to Screening Levels - Subsurface Soil (2-10 feet bgs)

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
ALPHA-BHC	319-84-6	0 / 11	mg/kg	4.40E-03	2.40E-01	8.60E-02	Yes
ALPHA-CHLORDANE	5103-71-9	0 / 11	mg/kg	4.40E-02	2.40E+00	1.70E+00	Yes
BETA-BHC	319-85-7	0 / 11	mg/kg	4.40E-03	2.40E-01	3.00E-01	No
DELTA-BHC	319-86-8	0 / 11	mg/kg	4.40E-03	2.40E-01	3.00E-01	No
DIELDRIN	60-57-1	0 / 11	mg/kg	8.80E-03	4.70E-01	3.40E-02	Yes
ENDOSULFAN I	959-98-8	0 / 11	mg/kg	4.40E-03	2.40E-01	4.70E+01	No
ENDOSULFAN II	33213-65-9	0 / 11	mg/kg	8.80E-03	4.70E-01	4.70E+01	No
ENDOSULFAN SULFATE	1031-07-8	0 / 11	mg/kg	8.80E-03	4.70E-01	4.70E+01	No
ENDRIN	72-20-8	0 / 11	mg/kg	8.80E-03	4.70E-01	1.90E+00	No
ENDRIN ALDEHYDE	7421-93-4	0 / 11	mg/kg	8.80E-03	4.70E-01	1.90E+00	No
ENDRIN KETONE	53494-70-5	0 / 11	mg/kg	8.80E-03	4.70E-01	1.90E+00	No
GAMMA BHC (LINDANE)	58-89-9	0 / 11	mg/kg	4.40E-03	2.40E-01	5.70E-01	No
GAMMA-CHLORDANE	5103-74-2	0 / 11	mg/kg	4.40E-02	2.40E+00	1.70E+00	Yes
HEPTACHLOR	76-44-8	0 / 11	mg/kg	4.40E-03	2.40E-01	1.30E-01	Yes
METHOXYCHLOR	72-43-5	0 / 11	mg/kg	4.40E-02	2.40E+00	3.20E+01	No
TOXAPHENE	8001-35-2	0 / 11	mg/kg	8.80E-02	4.70E+00	4.90E-01	Yes
THIODIGLYCOL	111-48-8	0 / 10	mg/kg	2.00E-01	2.00E-01	5.40E+02	No
1,1,1-TRICHLOROETHANE	71-55-6	0 / 11	mg/kg	6.00E-03	8.00E-03	6.40E+02	No
1,1,2,2-TETRACHLOROETHANE	79-34-5	0 / 11	mg/kg	6.00E-03	8.00E-03	6.00E-01	No
1,1,2-TRICHLOROETHANE	79-00-5	0 / 11	mg/kg	6.00E-03	8.00E-03	1.50E-01	No
1,1-DICHLOROETHANE	75-34-3	0 / 11	mg/kg	6.00E-03	8.00E-03	3.60E+00	No
1,1-DICHLOROETHENE	75-35-4	0 / 11	mg/kg	6.00E-03	8.00E-03	2.30E+01	No
1,2-DICHLOROETHANE	107-06-2	0 / 11	mg/kg	6.00E-03	8.00E-03	4.60E-01	No
1,2-DICHLOROPROPANE	78-87-5	0 / 11	mg/kg	6.00E-03	8.00E-03	1.60E+00	No
2-HEXANONE	591-78-6	0 / 11	mg/kg	1.10E-02	1.60E-02	2.00E+01	No
4-METHYL-2-PENTANONE	108-10-1	0 / 11	mg/kg	1.10E-02	1.60E-02	3.30E+03	No
BENZENE	71-43-2	0 / 11	mg/kg	6.00E-03	8.00E-03	1.20E+00	No
BROMODICHLOROMETHANE	75-27-4	0 / 11	mg/kg	6.00E-03	8.00E-03	2.90E-01	No
BROMOFORM	75-25-2	0 / 11	mg/kg	6.00E-03	8.00E-03	1.90E+01	No
BROMOMETHANE	74-83-9	0 / 11	mg/kg	1.10E-02	1.60E-02	6.80E-01	No
CARBON TETRACHLORIDE	56-23-5	0 / 11	mg/kg	6.00E-03	8.00E-03	6.50E-01	No
CHLORO BENZENE	108-90-7	0 / 11	mg/kg	6.00E-03	8.00E-03	2.80E+01	No
CHLOROETHANE	75-00-3	0 / 11	mg/kg	1.10E-02	1.60E-02	1.40E+03	No
CHLOROFORM	67-66-3	0 / 11	mg/kg	6.00E-03	8.00E-03	3.20E-01	No
CHLOROMETHANE	74-87-3	0 / 11	mg/kg	1.10E-02	1.60E-02	1.10E+01	No
CIS-1,3-DICHLOROPROPENE	10061-01-5	0 / 11	mg/kg	6.00E-03	8.00E-03	1.80E+00	No
DIBROMOCHLOROMETHANE	124-48-1	0 / 11	mg/kg	6.00E-03	8.00E-03	8.30E+00	No
ETHYLBENZENE	100-41-4	0 / 11	mg/kg	6.00E-03	8.00E-03	5.80E+00	No
METHYLENE CHLORIDE	75-09-2	0 / 11	mg/kg	6.00E-03	8.00E-03	3.50E+01	No
STYRENE	100-42-5	0 / 11	mg/kg	6.00E-03	8.00E-03	6.00E+02	No
TETRACHLOROETHYLENE	127-18-4	0 / 11	mg/kg	6.00E-03	8.00E-03	8.10E+00	No
TOLUENE	108-88-3	0 / 11	mg/kg	6.00E-03	8.00E-03	4.90E+02	No
TOTAL-1,2-DICHLOROETHENE	540-59-0	0 / 11	mg/kg	6.00E-03	8.00E-03	1.60E+01	No
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0 / 11	mg/kg	6.00E-03	8.00E-03	1.80E+00	No
TRICHLOROETHYLENE	79-01-6	0 / 11	mg/kg	6.00E-03	8.00E-03	4.10E-01	No
VINYL ACETATE	108-05-4	0 / 11	mg/kg	1.10E-02	1.60E-02	9.10E+01	No
VINYL CHLORIDE	75-01-4	0 / 11	mg/kg	1.10E-02	1.60E-02	5.90E-02	No
XYLENES (TOTAL)	1330-20-7	0 / 11	mg/kg	6.00E-03	8.00E-03	5.80E+01	No

Notes:

EPA's Regional Screening Levels for Chemical Contaminants at Superfund Sites (November, 2018) for residential soil were used in the comparison.

RSL based on noncarcinogenic endpoints based on hazard quotient of 0.1. RSL based on carcinogenic endpoints based on cancer risk of 10⁻⁶.

RSL value for 1,4-dichlorobenzene used as a surrogate for 1,3-dichlorobenzene.

RSL value for Nitrobenzene used for 2-Nitrophenol.

RSL value for 2-nitroaniline used for 3-nitroaniline.

RSL value for Nitrobenzene used for 4-Nitrophenol.

RSL value for acenaphthene used for acenaphthylene.

RSL value for diethyl phthalate used for dimethyl phthalate.

RSL value for chlordanes used for alpha-chlordane.

RSL value for technical-HCH used for delta-BHC.

RSL value for endosulfan used for endosulfan I.

RSL value for endosulfan used for endosulfan II.

RSL value for endosulfan used for endosulfan sulfate.

RSL value for endrin used for endrin aldehyde.

RSL value for chlordanes used for gamma-chlordane.

RSL value for 1,3-dichloropropene used as a surrogate for cis-1,3-dichloropropene.

RSL value for cis-1,2-dichloroethene used for total-1,2-dichloroethene.

RSL value for 1,3-dichloropropene used as a surrogate for trans-1,3-dichloropropene.

mg/kg = milligram per kilogram

NA = not available

ND = Non-detect

RSL = Regional Screening Level

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 3

Comparison of Non-detected Results to Screening Levels - Sediment

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
1,2,4-TRICHLOROBENZENE	120-82-1	0 / 27	mg/kg	4.30E-01	2.70E+00	5.80E+00	No
1,2-DICHLOROBENZENE (BNA)	95-50-1	0 / 27	mg/kg	4.30E-01	2.70E+00	1.80E+02	No
1,3-DICHLOROBENZENE (BNA)	541-73-1	0 / 27	mg/kg	4.30E-01	2.70E+00	2.60E+00	Yes
1,4-DICHLOROBENZENE (BNA)	106-46-7	0 / 27	mg/kg	4.30E-01	2.70E+00	2.60E+00	Yes
2,4,5-TRICHLOROPHENOL	95-95-4	0 / 27	mg/kg	4.30E-01	1.40E+01	6.30E+02	No
2,4,6-TRICHLOROPHENOL	88-06-2	0 / 27	mg/kg	4.30E-01	2.70E+00	6.30E+00	No
2,4-DICHLOROPHENOL	120-83-2	0 / 27	mg/kg	4.30E-01	2.70E+00	1.90E+01	No
2,4-DIMETHYLPHENOL	105-67-9	0 / 27	mg/kg	4.30E-01	2.70E+00	1.30E+02	No
2,4-DINITROPHENOL	51-28-5	0 / 27	mg/kg	8.70E-01	1.40E+01	1.30E+01	Yes
2,4-DINITROTOLUENE (BNA)	121-14-2	0 / 27	mg/kg	4.30E-01	2.70E+00	1.70E+00	Yes
2,6-DINITROTOLUENE (BNA)	606-20-2	0 / 27	mg/kg	4.30E-01	2.70E+00	3.60E-01	Yes
2-CHLORONAPHTHALENE	91-58-7	0 / 27	mg/kg	4.30E-01	2.70E+00	4.80E+02	No
2-CHLOROPHENOL	95-57-8	0 / 27	mg/kg	4.30E-01	2.70E+00	3.90E+01	No
2-METHYLNAPHTHALENE	91-57-6	0 / 27	mg/kg	4.30E-01	2.70E+00	2.40E+01	No
2-METHYLPHENOL (O-CRESOL)	95-48-7	0 / 27	mg/kg	4.30E-01	2.70E+00	3.20E+02	No
2-NITROANILINE	88-74-4	0 / 27	mg/kg	8.70E-01	1.40E+01	6.30E+01	No
2-NITROPHENOL	88-75-5	0 / 27	mg/kg	4.30E-01	2.70E+00	5.10E+00	No
3,3'-DICHLOROBENZIDINE	91-94-1	0 / 27	mg/kg	4.30E-01	5.50E+00	1.20E+00	Yes
3-NITROANILINE	99-09-2	0 / 27	mg/kg	8.70E-01	1.40E+01	6.30E+01	No
4,6-DINITRO-2-METHYLPHENOL	534-52-1	0 / 27	mg/kg	8.70E-01	1.40E+01	5.10E-01	Yes
4-BROMOPHENYL PHENYL ETHER	101-55-3	0 / 27	mg/kg	4.30E-01	2.70E+00	NA	NA
4-CHLORO-3-METHYLPHENOL	59-50-7	0 / 27	mg/kg	4.30E-01	2.70E+00	6.30E+02	No
4-CHLOROANILINE	106-47-8	0 / 27	mg/kg	4.30E-01	2.70E+00	2.70E+00	No
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	0 / 27	mg/kg	4.30E-01	2.70E+00	NA	NA
4-NITROANILINE	100-01-6	0 / 27	mg/kg	8.70E-01	1.40E+01	2.50E+01	No
4-NITROPHENOL	100-02-7	0 / 27	mg/kg	8.70E-01	1.40E+01	5.10E+00	Yes
BIS(2-CHLOROETHOXY)METHANE	111-91-1	0 / 27	mg/kg	4.30E-01	2.70E+00	1.90E+01	No
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	0 / 27	mg/kg	4.30E-01	2.70E+00	2.30E-01	Yes
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	0 / 27	mg/kg	4.30E-01	2.70E+00	3.10E+02	No
DIBENZOFURAN	132-64-9	0 / 27	mg/kg	4.30E-01	2.70E+00	7.30E+00	No
DIETHYL PHTHALATE	84-66-2	0 / 27	mg/kg	4.30E-01	2.70E+00	5.10E+03	No
DIMETHYL PHTHALATE	131-11-3	0 / 27	mg/kg	4.30E-01	2.70E+00	5.10E+03	No
HEXACHLOROBENZENE	118-74-1	0 / 27	mg/kg	4.30E-01	2.70E+00	2.10E-01	Yes
HEXACHLOROBUTADIENE	87-68-3	0 / 27	mg/kg	4.30E-01	2.70E+00	1.20E+00	Yes
HEXACHLOROCYCLOPENTADIENE	77-47-4	0 / 27	mg/kg	4.30E-01	2.70E+00	1.80E-01	Yes
HEXACHLOROETHANE	67-72-1	0 / 27	mg/kg	4.30E-01	2.70E+00	1.80E+00	Yes
ISOPHORONE	78-59-1	0 / 27	mg/kg	4.30E-01	2.70E+00	5.70E+02	No
NITROBENZENE (BNA)	98-95-3	0 / 27	mg/kg	4.30E-01	2.70E+00	5.10E+00	No
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	0 / 27	mg/kg	4.30E-01	2.70E+00	7.80E-02	Yes
N-NITROSODIPHENYLAMINE	86-30-6	0 / 27	mg/kg	4.30E-01	2.70E+00	1.10E+02	No
PENTACHLOROPHENOL	87-86-5	0 / 27	mg/kg	8.70E-01	1.40E+01	1.00E+00	Yes
1,3,5-TRINITROBENZENE	99-35-4	0 / 5	mg/kg	2.40E-01	6.20E-01	2.20E+02	No
1,3-DINITROBENZENE	99-65-0	0 / 5	mg/kg	2.40E-01	6.20E-01	6.30E-01	No
2,4,6-TRINITROTOLUENE	118-96-7	0 / 5	mg/kg	2.40E-01	6.20E-01	3.60E+00	No
2,4-DINITROTOLUENE (VOC)	121-14-2	0 / 3	mg/kg	2.40E-01	1.20E+00	1.70E+00	No
2,6-DINITROTOLUENE (VOC)	606-20-2	0 / 3	mg/kg	2.50E-01	1.20E+00	3.60E-01	Yes
2-AMINO-4,6-DINITROTOLUENE	35572-78-2	0 / 3	mg/kg	1.20E+00	1.20E+00	1.50E+01	No
4-AMINO-2,6-DINITROTOLUENE	19406-51-0	0 / 3	mg/kg	1.20E+00	1.20E+00	1.50E+01	No
AMINO-DNT'S	1946-51-0	0 / 2	mg/kg	2.40E-01	2.50E-01	NA	NA
HMX	2691-41-0	0 / 5	mg/kg	6.20E-01	2.20E+00	3.90E+02	No
NITROBENZENE (VOC)	98-95-3	0 / 3	mg/kg	2.50E-01	6.20E-01	5.10E+00	No
RDX	121-82-4	0 / 5	mg/kg	6.20E-01	1.10E+00	8.30E+00	No
TETRYL	479-45-8	0 / 4	mg/kg	7.40E-01	1.20E+00	1.60E+01	No
AROCLOR-1016	12674-11-2	0 / 17	mg/kg	5.70E-02	1.20E+00	4.10E-01	Yes
AROCLOR-1221	11104-28-2	0 / 17	mg/kg	5.70E-02	1.20E+00	2.00E-01	Yes
AROCLOR-1232	11141-16-5	0 / 17	mg/kg	5.70E-02	1.20E+00	1.70E-01	Yes
AROCLOR-1242	53469-21-9	0 / 17	mg/kg	5.70E-02	1.20E+00	2.30E-01	Yes
AROCLOR-1248	12672-29-6	0 / 17	mg/kg	5.70E-02	1.20E+00	2.30E-01	Yes
AROCLOR-1254	11097-69-1	0 / 17	mg/kg	1.10E-01	2.50E+00	1.20E-01	Yes
ALDRIN	309-00-2	0 / 27	mg/kg	5.50E-04	1.20E-01	3.90E-02	Yes
DELTA-BHC	319-86-8	0 / 27	mg/kg	5.50E-04	1.20E-01	3.00E-01	No
ENDOSULFAN I	959-98-8	0 / 27	mg/kg	1.10E-03	1.20E-01	4.70E+01	No
ENDOSULFAN II	33213-65-9	0 / 26	mg/kg	2.20E-03	6.50E-02	4.70E+01	No
ENDOSULFAN SULFATE	1031-07-8	0 / 27	mg/kg	2.20E-03	2.50E-01	4.70E+01	No
ENDRIN	72-20-8	0 / 27	mg/kg	2.20E-03	2.50E-01	1.90E+00	No
ENDRIN ALDEHYDE	7421-93-4	0 / 26	mg/kg	2.20E-03	6.50E-02	1.90E+00	No
ENDRIN KETONE	53494-70-5	0 / 27	mg/kg	5.40E-03	2.50E-01	1.90E+00	No
TOXAPHENE	8001-35-2	0 / 27	mg/kg	1.10E-01	2.50E+00	4.90E-01	Yes
THIODIGLYCOL	111-48-8	0 / 4	mg/kg	2.00E-01	2.00E-01	5.40E+02	No
1,1,1-TRICHLOROETHANE	71-55-6	0 / 17	mg/kg	7.00E-03	9.80E-02	8.10E+02	No

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 3

Comparison of Non-detected Results to Screening Levels - Sediment

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
1,1,2,2-TETRACHLOROETHANE	79-34-5	0 / 17	mg/kg	7.00E-03	9.80E-02	6.00E-01	No
1,1,2-TRICHLOROETHANE	79-00-5	0 / 17	mg/kg	7.00E-03	9.80E-02	1.50E-01	No
1,1-DICHLOROETHANE	75-34-3	0 / 17	mg/kg	7.00E-03	9.80E-02	3.60E+00	No
1,1-DICHLOROETHENE	75-35-4	0 / 17	mg/kg	7.00E-03	9.80E-02	2.30E+01	No
1,2-DICHLOROETHANE	107-06-2	0 / 17	mg/kg	7.00E-03	9.80E-02	4.60E-01	No
1,2-DICHLOROPROPANE	78-87-5	0 / 17	mg/kg	7.00E-03	9.80E-02	1.60E+00	No
BENZENE	71-43-2	0 / 17	mg/kg	7.00E-03	9.80E-02	1.20E+00	No
BROMODICHLOROMETHANE	75-27-4	0 / 17	mg/kg	7.00E-03	9.80E-02	2.90E-01	No
BROMOFORM	75-25-2	0 / 17	mg/kg	7.00E-03	9.80E-02	1.90E+01	No
BROMOMETHANE	74-83-9	0 / 17	mg/kg	1.40E-02	2.00E-01	6.80E-01	No
CARBON TETRACHLORIDE	56-23-5	0 / 17	mg/kg	7.00E-03	9.80E-02	6.50E-01	No
CHLOROBENZENE	108-90-7	0 / 17	mg/kg	7.00E-03	9.80E-02	2.80E+01	No
CHLOROETHANE	75-00-3	0 / 17	mg/kg	1.40E-02	2.00E-01	1.40E+03	No
CHLOROFORM	67-66-3	0 / 17	mg/kg	7.00E-03	9.80E-02	3.20E-01	No
CHLOROMETHANE	74-87-3	0 / 17	mg/kg	1.40E-02	2.00E-01	1.10E+01	No
CIS-1,3-DICHLOROPROPENE	10061-01-5	0 / 17	mg/kg	7.00E-03	9.80E-02	1.80E+00	No
DIBROMOCHLOROMETHANE	124-48-1	0 / 17	mg/kg	7.00E-03	9.80E-02	8.30E+00	No
ETHYLBENZENE	100-41-4	0 / 17	mg/kg	7.00E-03	9.80E-02	5.80E+00	No
METHYLENE CHLORIDE	75-09-2	0 / 17	mg/kg	7.00E-03	9.80E-02	3.50E+01	No
MTBE	1634-04-4	0 / 12	mg/kg	7.00E-03	9.80E-02	4.70E+01	No
STYRENE	100-42-5	0 / 17	mg/kg	7.00E-03	9.80E-02	6.00E+02	No
TETRACHLOROETHYLENE	127-18-4	0 / 17	mg/kg	7.00E-03	9.80E-02	8.10E+00	No
TOTAL-1,2-DICHLOROETHENE	540-59-0	0 / 17	mg/kg	7.00E-03	9.80E-02	1.60E+01	No
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0 / 17	mg/kg	7.00E-03	9.80E-02	1.80E+00	No
VINYL ACETATE	108-05-4	0 / 12	mg/kg	1.40E-02	2.00E-01	9.10E+01	No
VINYL CHLORIDE	75-01-4	0 / 17	mg/kg	1.40E-02	2.00E-01	5.90E-02	Yes
XYLENES (TOTAL)	1330-20-7	0 / 17	mg/kg	7.00E-03	9.80E-02	5.80E+01	No

Notes:

EPA's Regional Screening Levels for Chemical Contaminants at Superfund Sites (November, 2018) for residential soil were used in the comparison.

RSL based on noncarcinogenic endpoints based on hazard quotient of 0.1. RSL based on carcinogenic endpoints based on cancer risk of 10^{-6} .

RSL value for 1,4-dichlorobenzene used as a surrogate for 1,3-dichlorobenzene.

RSL value for Nitrobenzene used for 2-Nitrophenol.

RSL value for 2-nitroaniline used for 3-nitroaniline.

RSL value for Nitrobenzene used for 4-Nitrophenol.

RSL value for diethyl phthalate used for dimethyl phthalate.

RSL value for technical-HCH used for delta-BHC.

RSL value for endosulfan used for endosulfan I.

RSL value for endosulfan used for endosulfan II.

RSL value for endosulfan used for endosulfan sulfate.

RSL value for endrin used for endrin aldehyde.

RSL value for 1,3-dichloropropene used as a surrogate for cis-1,3-dichloropropene.

RSL value for cis-1,2-dichloroethene used for total-1,2-dichloroethene.

RSL value for 1,3-dichloropropene used as a surrogate for trans-1,3-dichloropropene.

mg/kg = milligram per kilogram

NA = not available

ND = Non-detect

RSL = Regional Screening Level

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 4

Comparison of Non-detected Results to Screening Levels - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
1,2,4-TRICHLOROBENZENE	120-82-1	0 / 25	ug/L	1.00E+01	1.10E+01	4.00E-01	Yes
1,2-DICHLOROBENZENE (BNA)	95-50-1	0 / 25	ug/L	1.00E+01	1.10E+01	3.00E+01	No
1,3-DICHLOROBENZENE (BNA)	541-73-1	0 / 25	ug/L	1.00E+01	1.10E+01	4.80E-01	Yes
1,4-DICHLOROBENZENE (BNA)	106-46-7	0 / 25	ug/L	1.00E+01	1.10E+01	4.80E-01	Yes
2,4,5-TRICHLOROPHENOL	95-95-4	0 / 25	ug/L	5.00E+01	5.50E+01	1.20E+02	No
2,4,6-TRICHLOROPHENOL	88-06-2	0 / 25	ug/L	1.00E+01	1.10E+01	1.20E+00	Yes
2,4-DICHLOROPHENOL	120-83-2	0 / 25	ug/L	1.00E+01	1.10E+01	4.60E+00	Yes
2,4-DIMETHYLPHENOL	105-67-9	0 / 25	ug/L	1.00E+01	1.10E+01	3.60E+01	No
2,4-DINITROPHENOL	51-28-5	0 / 25	ug/L	5.00E+01	5.50E+01	3.90E+00	Yes
2,4-DINITROTOLUENE (BNA)	121-14-2	0 / 25	ug/L	1.00E+01	1.10E+01	2.40E-01	Yes
2,6-DINITROTOLUENE (BNA)	606-20-2	0 / 25	ug/L	1.00E+01	1.10E+01	4.90E-02	Yes
2-CHLORONAPHTHALENE	91-58-7	0 / 25	ug/L	1.00E+01	1.10E+01	7.50E+01	No
2-CHLOROPHENOL	95-57-8	0 / 25	ug/L	1.00E+01	1.10E+01	9.10E+00	Yes
2-METHYLNAPHTHALENE	91-57-6	0 / 25	ug/L	1.00E+01	1.10E+01	3.60E+00	Yes
2-METHYLPHENOL (O-CRESOL)	95-48-7	0 / 25	ug/L	1.00E+01	1.10E+01	9.30E+01	No
2-NITROANILINE	88-74-4	0 / 25	ug/L	5.00E+01	5.50E+01	1.90E+01	Yes
2-NITROPHENOL	88-75-5	0 / 25	ug/L	1.00E+01	1.10E+01	9.10E+00	Yes
3,3'-DICHLOROBENZIDINE	91-94-1	0 / 25	ug/L	2.00E+01	2.20E+01	1.30E-01	Yes
3-NITROANILINE	99-09-2	0 / 25	ug/L	5.00E+01	5.50E+01	1.90E+01	Yes
4,6-DINITRO-2-METHYLPHENOL	534-52-1	0 / 25	ug/L	5.00E+01	5.50E+01	1.50E-01	Yes
4-BROMOPHENYL PHENYL ETHER	101-55-3	0 / 25	ug/L	1.00E+01	1.10E+01	NA	NA
4-CHLORO-3-METHYLPHENOL	59-50-7	0 / 25	ug/L	1.00E+01	1.10E+01	1.40E+02	No
4-CHLOROANILINE	106-47-8	0 / 25	ug/L	1.00E+01	1.10E+01	3.70E-01	Yes
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	0 / 25	ug/L	1.00E+01	1.10E+01	3.70E+00	Yes
4-NITROANILINE	100-01-6	0 / 25	ug/L	5.00E+01	5.50E+01	3.80E+00	Yes
4-NITROPHENOL	100-02-7	0 / 25	ug/L	5.00E+01	5.50E+01	1.40E-01	Yes
ACENAPHTHENE	83-32-9	0 / 25	ug/L	1.00E+01	1.10E+01	5.30E+01	No
ACENAPHTHYLENE	208-96-8	0 / 25	ug/L	1.00E+01	1.10E+01	5.30E+01	No
ANTHRACENE	120-12-7	0 / 25	ug/L	1.00E+01	1.10E+01	1.80E+02	No
BEQ	BAPTEQ	0 / 25	ug/L	-	-	2.50E-02	Yes
BENZO(A)ANTHRACENE	56-55-3	0 / 25	ug/L	1.00E+01	1.10E+01	3.00E-02	Yes
BENZO(A)PYRENE	50-32-8	0 / 25	ug/L	1.00E+01	1.10E+01	2.50E-02	Yes
BENZO(B)FLUORANTHENE	205-99-2	0 / 25	ug/L	1.00E+01	1.10E+01	2.50E-01	Yes
BENZO(G,H,I)PERYLENE	191-24-2	0 / 25	ug/L	1.00E+01	1.10E+01	1.20E+01	No
BENZO(K)FLUORANTHENE	207-08-9	0 / 25	ug/L	1.00E+01	1.10E+01	2.50E+00	Yes
BIS(2-CHLOROETHOXY)METHANE	111-91-1	0 / 25	ug/L	1.00E+01	1.10E+01	5.90E+00	Yes
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	111-44-4	0 / 25	ug/L	1.00E+01	1.10E+01	1.40E-02	Yes
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	0 / 25	ug/L	1.00E+01	1.10E+01	7.10E+01	No
BUTYLBENZYLPHthalate	85-68-7	0 / 25	ug/L	1.00E+01	1.10E+01	1.60E+01	No
CARBAZOLE	86-74-8	0 / 25	ug/L	1.00E+01	1.10E+01	NA	NA
CHRYSENE	218-01-9	0 / 25	ug/L	1.00E+01	1.10E+01	2.50E+01	No
DIBENZ(A,H)ANTHRACENE	53-70-3	0 / 25	ug/L	1.00E+01	1.10E+01	2.50E-02	Yes
DIBENZOFURAN	132-64-9	0 / 25	ug/L	1.00E+01	1.10E+01	7.90E-01	Yes
DIMETHYL PHTHALATE	131-11-3	0 / 25	ug/L	1.00E+01	1.10E+01	1.50E+03	No
DI-N-BUTYL PHTHALATE	84-74-2	0 / 25	ug/L	1.00E+01	1.10E+01	9.00E+01	No
DI-N-OCTYL PHTHALATE	117-84-0	0 / 25	ug/L	1.00E+01	1.10E+01	2.00E+01	No
FLUORANTHENE	206-44-0	0 / 25	ug/L	1.00E+01	1.10E+01	8.00E+01	No
FLUORENE	86-73-7	0 / 25	ug/L	1.00E+01	1.10E+01	2.90E+01	No
HEXACHLOROBENZENE	118-74-1	0 / 25	ug/L	1.00E+01	1.10E+01	9.80E-03	Yes
HEXACHLOROBUTADIENE	87-68-3	0 / 25	ug/L	1.00E+01	1.10E+01	1.40E-01	Yes
HEXACHLOROCYCLOPENTADIENE	77-47-4	0 / 25	ug/L	1.00E+01	1.10E+01	4.10E-02	Yes
HEXACHLOROETHANE	67-72-1	0 / 25	ug/L	1.00E+01	1.10E+01	3.30E-01	Yes
INDENO(1,2,3-C,D)PYRENE	193-39-5	0 / 25	ug/L	1.00E+01	1.10E+01	2.50E-01	Yes
ISOPHORONE	78-59-1	0 / 25	ug/L	1.00E+01	1.10E+01	7.80E+01	No
NAPHTHALENE	91-20-3	0 / 25	ug/L	1.00E+01	1.10E+01	1.70E-01	Yes
NITROBENZENE (BNA)	98-95-3	0 / 25	ug/L	1.00E+01	1.10E+01	1.40E-01	Yes
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	0 / 25	ug/L	1.00E+01	1.10E+01	1.10E-02	Yes
N-NITROSODIPHENYLAMINE	86-30-6	0 / 25	ug/L	1.00E+01	1.10E+01	1.20E+01	No
PENTACHLOROPHENOL	87-86-5	0 / 25	ug/L	5.00E+01	5.50E+01	4.10E-02	Yes
PHENANTHRENE	85-01-8	0 / 25	ug/L	1.00E+01	1.10E+01	1.80E+02	No
PYRENE	129-00-0	0 / 25	ug/L	1.00E+01	1.10E+01	1.20E+01	No
2,3,7,8-TCDD TEQ	1746-01-6	0 / 8	ug/L	2.15E-04	5.30E-04	1.20E-07	Yes
CHROMIUM, DISSOLVED	7440-47-3	0 / 4	ug/L	1.00E+01	1.00E+01	2.20E+03	No
MERCURY, DISSOLVED	7439-97-6	0 / 4	ug/L	2.00E-01	2.00E-01	5.70E-01	No
1,3,5-TRINITROBENZENE	99-35-4	0 / 29	ug/L	1.30E-01	3.85E+00	5.90E+01	No
1,3-DINITROBENZENE	99-65-0	0 / 29	ug/L	1.20E-01	3.85E+00	2.00E-01	Yes
2,4,6-TRINITROTOLUENE	118-96-7	0 / 29	ug/L	1.30E-01	3.85E+00	9.80E-01	Yes
2,4-DINITROTOLUENE (VOC)	121-14-2	0 / 29	ug/L	1.20E-01	3.85E+00	2.40E-01	Yes
2,6-DINITROTOLUENE (VOC)	606-20-2	0 / 29	ug/L	1.30E-01	7.70E+00	4.90E-02	Yes
2-AMINO-4,6-DINITROTOLUENE	35572-78-2	0 / 4	ug/L	7.70E+00	7.70E+00	3.90E+00	Yes

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 4

Comparison of Non-detected Results to Screening Levels - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
4-AMINO-2,6-DINITROTOLUENE	19406-51-0	0 / 4	ug/L	7.70E+00	7.70E+00	3.90E+00	Yes
HMX	2691-41-0	0 / 29	ug/L	1.10E+00	3.85E+00	1.00E+02	No
NITROBENZENE (VOC)	98-95-3	0 / 29	ug/L	1.30E-01	3.85E+00	1.40E-01	Yes
RDX	121-82-4	0 / 29	ug/L	5.40E-01	3.85E+00	9.70E-01	Yes
TETRYL	479-45-8	0 / 29	ug/L	3.80E-01	7.70E+00	3.90E+00	Yes
CYANIDE, TOTAL	57-12-5	0 / 4	ug/L	5.00E+00	5.00E+00	1.50E-01	Yes
AROCLOR-1016	12674-11-2	0 / 25	ug/L	5.00E-01	8.80E-01	1.40E-01	Yes
AROCLOR-1221	11104-28-2	0 / 25	ug/L	5.00E-01	8.80E-01	4.70E-03	Yes
AROCLOR-1232	11141-16-5	0 / 25	ug/L	5.00E-01	8.80E-01	4.70E-03	Yes
AROCLOR-1242	53469-21-9	0 / 25	ug/L	5.00E-01	8.80E-01	7.80E-03	Yes
AROCLOR-1248	12672-29-6	0 / 25	ug/L	5.00E-01	8.80E-01	7.80E-03	Yes
AROCLOR-1254	11097-69-1	0 / 25	ug/L	1.00E+00	1.80E+00	7.80E-03	Yes
AROCLOR-1260	11096-82-5	0 / 25	ug/L	1.00E+00	1.80E+00	7.80E-03	Yes
4,4-DDD	72-54-8	0 / 25	ug/L	1.00E-01	1.80E-01	6.30E-03	Yes
4,4-DDE	72-55-9	0 / 25	ug/L	1.00E-01	1.80E-01	4.60E-02	Yes
4,4-DDT	50-29-3	0 / 25	ug/L	1.00E-01	1.80E-01	2.30E-01	No
ALDRIN	309-00-2	0 / 25	ug/L	5.00E-02	8.80E-02	9.20E-04	Yes
ALPHA-BHC	319-84-6	0 / 25	ug/L	5.00E-02	8.80E-02	7.20E-03	Yes
ALPHA-CHLORDANE	5103-71-9	0 / 25	ug/L	5.00E-01	8.80E-01	2.00E-02	Yes
BETA-BHC	319-85-7	0 / 25	ug/L	5.00E-02	8.80E-02	2.50E-02	Yes
DELTA-BHC	319-86-8	0 / 25	ug/L	5.00E-02	8.80E-02	2.50E-02	Yes
DIELDRIN	60-57-1	0 / 25	ug/L	1.00E-01	1.80E-01	1.80E-03	Yes
ENDOSULFAN I	959-98-8	0 / 25	ug/L	5.00E-02	8.80E-02	1.00E+01	No
ENDOSULFAN II	33213-65-9	0 / 25	ug/L	1.00E-01	1.80E-01	1.00E+01	No
ENDOSULFAN SULFATE	1031-07-8	0 / 25	ug/L	1.00E-01	1.80E-01	1.00E+01	No
ENDRIN	72-20-8	0 / 25	ug/L	1.00E-01	1.80E-01	2.30E-01	No
ENDRIN ALDEHYDE	7421-93-4	0 / 25	ug/L	1.00E-01	1.80E-01	2.30E-01	No
ENDRIN KETONE	53494-70-5	0 / 25	ug/L	1.00E-01	1.80E-01	2.30E-01	No
GAMMA BHC (LINDANE)	58-89-9	0 / 25	ug/L	5.00E-02	8.80E-02	4.20E-02	Yes
GAMMA-CHLORDANE	5103-74-2	0 / 25	ug/L	5.00E-01	8.80E-01	2.00E-02	Yes
HEPTACHLOR	76-44-8	0 / 25	ug/L	5.00E-02	8.80E-02	1.40E-03	Yes
HEPTACHLOR EPOXIDE	1024-57-3	0 / 25	ug/L	5.00E-02	8.80E-02	1.40E-03	Yes
METHOXYCHLOR	72-43-5	0 / 25	ug/L	5.00E-01	8.80E-01	3.70E+00	No
TOXAPHENE	8001-35-2	0 / 25	ug/L	1.00E+00	1.80E+00	7.10E-02	Yes
THIODIGLYCOL	111-48-8	0 / 8	ug/L	1.00E+02	1.00E+02	1.40E+02	No
1,1,1-TRICHLOROETHANE	71-55-6	0 / 25	ug/L	1.00E+00	1.00E+00	8.00E+02	No
1,1,2,2-TETRACHLOROETHANE	79-34-5	0 / 25	ug/L	1.00E+00	1.00E+00	7.60E-02	Yes
1,1,2-TRICHLOROETHANE	79-00-5	0 / 25	ug/L	1.00E+00	1.00E+00	4.10E-02	Yes
1,1-DICHLOROETHANE	75-34-3	0 / 25	ug/L	1.00E+00	1.00E+00	2.80E+00	No
1,1-DICHLOROETHENE	75-35-4	0 / 25	ug/L	1.00E+00	1.00E+00	2.80E+01	No
1,2-DICHLOROETHANE	107-06-2	0 / 25	ug/L	1.00E+00	1.00E+00	1.70E-01	Yes
1,2-DICHLOROPROPANE	78-87-5	0 / 25	ug/L	1.00E+00	1.00E+00	8.20E-01	Yes
2-HEXANONE	591-78-6	0 / 25	ug/L	5.00E+00	5.00E+00	3.80E+00	Yes
4-METHYL-2-PENTANONE	108-10-1	0 / 25	ug/L	5.00E+00	5.00E+00	6.30E+02	No
BENZENE	71-43-2	0 / 25	ug/L	1.00E+00	1.00E+00	4.60E-01	Yes
BROMODICHLOROMETHANE	75-27-4	0 / 25	ug/L	1.00E+00	1.00E+00	1.30E-01	Yes
BROMOFORM	75-25-2	0 / 25	ug/L	1.00E+00	1.00E+00	3.30E+00	No
BROMOMETHANE	74-83-9	0 / 25	ug/L	2.00E+00	2.00E+00	7.50E-01	Yes
CARBON TETRACHLORIDE	56-23-5	0 / 25	ug/L	1.00E+00	1.00E+00	4.60E-01	Yes
CHLOROBENZENE	108-90-7	0 / 25	ug/L	1.00E+00	1.00E+00	7.80E+00	No
CHLOROETHANE	75-00-3	0 / 25	ug/L	2.00E+00	2.00E+00	2.10E+03	No
CIS-1,3-DICHLOROPROPENE	10061-01-5	0 / 25	ug/L	1.00E+00	1.00E+00	4.70E-01	Yes
DIBROMOCHLOROMETHANE	124-48-1	0 / 25	ug/L	1.00E+00	1.00E+00	8.70E-01	Yes
ETHYLBENZENE	100-41-4	0 / 25	ug/L	1.00E+00	1.00E+00	1.50E+00	No
METHYLENE CHLORIDE	75-09-2	0 / 25	ug/L	1.00E+00	1.00E+00	1.10E+01	No
STYRENE	100-42-5	0 / 25	ug/L	1.00E+00	1.00E+00	1.20E+02	No
TETRACHLOROETHYLENE	127-18-4	0 / 25	ug/L	1.00E+00	1.00E+00	4.10E+00	No
TOTAL-1,2-DICHLOROETHENE	540-59-0	0 / 25	ug/L	1.00E+00	1.00E+00	3.60E+00	No
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0 / 25	ug/L	1.00E+00	1.00E+00	4.70E-01	Yes
VINYL CHLORIDE	75-01-4	0 / 25	ug/L	2.00E+00	2.00E+00	1.90E-02	Yes
XYLENES (TOTAL)	1330-20-7	0 / 25	ug/L	1.00E+00	1.00E+00	1.90E+01	No

Notes:

EPA's Regional Screening Levels for Chemical Contaminants at Superfund Sites (November, 2018) for tapwater were used in the comparison.

RSL based on noncarcinogenic endpoints based on hazard quotient of 0.1. RSL based on carcinogenic endpoints based on cancer risk of 10⁻⁶.

RSL value for 1,4-dichlorobenzene used for 1,3-dichlorobenzene.

RSL value for 2-chlorophenol used for 2-nitrophenol.

RSL value for 2-nitroaniline used for 3-nitroaniline.

RSL value for methoxychlor used for 4-Chlorophenyl-phenylether.

RSL value for Nitrobenzene used for 4-Nitrophenol.

RSL value for acenaphthene used for acenaphthylene.

RSL value for pyrene used for benzo(g,h,i)perylene.

RSL value for diethyl phthalate used for dimethyl phthalate.

APPENDIX H - Human Health Risk Assessment Methodology

Attachment H-5, Table 4

Comparison of Non-detected Results to Screening Levels - Surface Water

Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Chemical	CAS	No. of Analysis	Units	Min ND	Max ND	EPA RSL	Max ND > EPA RSL
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RSL value for anthracene used for phenanthrene.

RSL value for trivalent chromium used for total chromium.

RSL value for mercuric chloride (and other mercury salts) used for mercury.

RSL value for chlordane used for alpha-chlordane.

RSL value for technical-HCH used for delta-BHC.

RSL value for endosulfan used as surrogate for endosulfan I.

RSL value for endosulfan used for endosulfan II.

RSL value for endosulfan used for endosulfan sulfate.

RSL value for endrin used for endrin aldehyde.

RSL value for endrin used for endrin ketone.

RSL value for chlordane used for gamma-chlordane.

RSL value for 1,3-dichloropropene used for cis-1,3-dichloropropene

RSL value for cis-1,2-dichloroethene used for total-1,2-dichloroethene.

RSL value for 1,3-dichloropropene used for trans-1,3-dichloropropene.

ug/L = microgram per liter

NA = not available

ND = Non-detect

RSL = Regional Screening Level

Attachment H-6

Screening Using New Jersey Soil Remediation Standards

TABLE 2.1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future, Future
Medium: Surface Soil
Exposure Medium: Surface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Selection or Deletion (4)
Surface Soil and Emissions from Surface Soil (0-2 feet bgs)	91-57-6	2-METHYLNAPHTHALENE	1.5E-01 J	1.5E-01 J	mg/kg	0621	1 / 39	3.50E-01 - 1.40E+00	1.5E-01	NA	2.3E+02	NA	NA	No	BSL
	83-32-9	ACENAPHTHENE	1.7E-01 J	1.7E-01 J	mg/kg	0621	1 / 39	3.50E-01 - 1.40E+00	1.7E-01	NA	3.4E+03	NA	NA	No	BSL
	120-12-7	ANTHRACENE	5.1E-02 J	8.5E-02 J	mg/kg	0616	3 / 39	3.50E-01 - 1.40E+00	8.5E-02	NA	1.7E+04	NA	NA	No	BSL
	BAPTEQ	BEQ	2.8E-01	1.4E+00	mg/kg	0608	31 / 39	-	1.4E+00	NA	5.0E-01	NA	NA	Yes	ASL
	56-55-3	BENZO(A)ANTHRACENE	4.4E-02 J	2.8E-01 J	mg/kg	0601	27 / 39	3.50E-01 - 1.40E+00	2.8E-01	NA	5.0E+00	NA	NA	No	BSL
	50-32-8	BENZO(A)PYRENE	4.7E-02 J	3.6E-01 J	mg/kg	0601	20 / 39	3.50E-01 - 1.40E+00	3.6E-01	NA	5.0E-01	NA	NA	No	BSL
	205-99-2	BENZO(B)FLUORANTHENE	6.8E-02 J	7.6E-01 J	mg/kg	0601	30 / 39	3.50E-01 - 1.40E+00	7.6E-01	NA	5.0E+00	NA	NA	No	BSL
	191-24-2	BENZO(G,H,I)PERYLENE	1.2E-01 J	2.6E-01 J	mg/kg	0611	6 / 39	3.50E-01 - 1.40E+00	2.6E-01	NA	3.8E+05	NA	NA	No	BSL
	207-08-9	BENZO(K)FLUORANTHENE	4.8E-02 J	2.3E-01 J	mg/kg	0601	21 / 39	3.50E-01 - 1.40E+00	2.3E-01	NA	4.5E+01	NA	NA	No	BSL
	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	6.7E-02 J	2.5E+00 J	mg/kg	0606	18 / 39	3.50E-01 - 1.40E+00	2.5E+00	NA	3.5E+01	NA	NA	No	BSL
	85-68-7	BUTYLBENZYLPHTHALATE	1.9E-01 J	1.9E-01 J	mg/kg	0617	1 / 39	3.50E-01 - 1.40E+00	1.9E-01	NA	1.2E+03	NA	NA	No	BSL
	218-01-9	CHRYSENE	4.3E-02 J	4.2E-01 J	mg/kg	0610	27 / 39	3.50E-01 - 1.40E+00	4.2E-01	NA	4.5E+02	NA	NA	No	BSL
	132-64-9	DIBENZOFURAN	7.2E-02 J	7.2E-02 J	mg/kg	0621	1 / 39	3.50E-01 - 1.40E+00	7.2E-02	NA	NA	NA	NA	No	NTX
	206-44-0	FLUORANTHENE	6.8E-02 J	6.9E-01 J	mg/kg	0601	33 / 39	3.50E-01 - 1.40E+00	6.9E-01	NA	2.3E+03	NA	NA	No	BSL
	86-73-7	FLUORENE	1.2E-01 J	1.2E-01 J	mg/kg	0621	1 / 39	3.50E-01 - 1.40E+00	1.2E-01	NA	2.3E+03	NA	NA	No	BSL
	193-39-5	INDENO(1,2,3-C,D)PYRENE	7.1E-02 J	2.7E-01 J	mg/kg	0611	12 / 39	3.50E-01 - 1.40E+00	2.7E-01	NA	5.0E+00	NA	NA	No	BSL
	91-20-3	NAPHTHALENE	7.1E-02 J	6.6E-01 V	mg/kg	0621	2 / 39	3.50E-01 - 1.40E+00	6.6E-01	NA	6.0E+00	NA	NA	No	BSL
	85-01-8	PHENANTHRENE	5.7E-02 J	3.4E-01 J	mg/kg	0601	19 / 39	3.50E-01 - 1.40E+00	3.4E-01	NA	NA	NA	NA	No	NTX
	129-00-0	PYRENE	3.6E-02 J	8.3E-01 J	mg/kg	0601	34 / 39	3.50E-01 - 1.40E+00	8.3E-01	NA	1.7E+03	NA	NA	No	BSL
	TCDDTEQ	2,3,7,8-TCDD TEQ	5.5E-06	1.1E-05	mg/kg	06A01	4 / 4	-	1.1E-05	NA	NA	NA	NA	No	NTX
	7429-90-5	ALUMINUM	1.8E+03 J	2.9E+04 V	mg/kg	0605	15 / 15	2.30E+00 - 6.50E+00	2.9E+04	2.5E+04	7.8E+04	NA	NA	No	BSL
	7440-36-0	ANTIMONY	1.2E+00 J,-	5.9E+00 J	mg/kg	0610	15 / 53	6.90E-01 - 3.10E+00	5.9E+00	5.4E+00	3.1E+01	NA	NA	No	BSL
	7440-38-2	ARSENIC	4.2E+00 V	2.4E+02 J	mg/kg	0603	55 / 55	7.40E-01 - 1.07E+01	2.4E+02	1.8E+02	1.9E+01	NA	NA	Yes	ASL
	7440-39-3	BARIUM	9.3E+00 J	1.5E+03 J	mg/kg	0615	53 / 53	1.20E-01 - 5.50E-01	1.5E+03	2.2E+02	1.6E+04	NA	NA	No	BSL
	7440-41-7	BERYLLIUM	2.7E-01 V	1.3E+00 J	mg/kg	0612	34 / 53	1.20E-01 - 5.50E-01	1.3E+00	1.6E+00	1.6E+01	NA	NA	No	BSL
	7440-43-9	CADMIUM	4.9E-02 J,-	1.6E+01 V	mg/kg	06A05	25 / 50	4.10E-02 - 4.30E-01	1.6E+01	3.4E+00	7.8E+01	NA	NA	No	BSL
	7440-70-2	CALCIUM	1.7E+02 V	1.0E+05 V	mg/kg	0617	15 / 15	1.10E+00 - 5.60E+00	1.0E+05	5.9E+03	NA	NA	NA	No	NUT
	7440-47-3	CHROMIUM	9.1E+00 J	2.2E+02 J	mg/kg	06A02	53 / 53	3.30E-01 - 1.50E+00	2.2E+02	2.0E+02	NA	NA	NA	No	NTX
	7440-48-4	COBALT	4.0E+00 J	1.1E+01 V	mg/kg	0605	14 / 15	2.60E-01 - 8.90E-01	1.1E+01	1.9E+01	1.6E+03	NA	NA	No	BSL
	7440-50-8	COPPER	5.5E+00 J	2.9E+02 J	mg/kg	0601	53 / 53	1.60E-01 - 7.40E-01	2.9E+02	6.3E+02	3.1E+03	NA	NA	No	BSL
	57-12-5	CYANIDE	9.2E-01 V	9.2E-01 V	mg/kg	0609	1 / 12	4.70E-01 - 1.20E+00	9.2E-01	NA	4.7E+01	NA	NA	No	BSL
	7439-89-6	IRON	8.3E+03 V	5.4E+04 J	mg/kg	0602	15 / 15	4.40E-01 - 1.30E+00	5.4E+04	6.7E+04	NA	NA	NA	No	NTX
	7439-92-1	LEAD	1.0E+01 V	3.0E+02 V	mg/kg	0606	48 / 55	3.40E-01 - 8.40E+00	3.0E+02	2.9E+02	4.0E+02	NA	NA	No	BSL
	7439-95-4	MAGNESIUM	2.6E+02 J	6.9E+03 V	mg/kg	0605	15 / 15	3.50E+00 - 1.04E+01	6.9E+03	1.1E+04	NA	NA	NA	No	NUT

TABLE 2.1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Current/Future, Future
Medium: Surface Soil
Exposure Medium: Surface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Selection or Deletion (4)
Surface Soil and Emissions from Surface Soil (0-2 feet bgs)	7439-96-5	MANGANESE	1.4E+01 J	3.0E+02 V	mg/kg	0605	15 / 15	7.40E-02 - 2.40E-01	3.0E+02	6.0E+02	1.1E+04	NA	NA	No	BSL
	7439-97-6	MERCURY	1.0E-01 V	2.4E+00 J	mg/kg	0612	34 / 53	7.90E-02 - 3.80E-01	2.4E+00	3.6E+00	2.3E+01	NA	NA	No	BSL
	7440-02-0	NICKEL	2.7E+00 J	3.7E+01 J	mg/kg	0610	53 / 53	1.00E+00 - 4.60E+00	3.7E+01	5.2E+01	1.6E+03	NA	NA	No	BSL
	7440-09-7	POTASSIUM	5.1E+02 J	5.6E+03 J	mg/kg	0602	15 / 15	4.44E+01 - 1.24E+02	5.6E+03	5.7E+03	NA	NA	NA	No	NUT
	7782-49-2	SELENIUM	1.9E-01 V	2.0E+01 J	mg/kg	0612	41 / 53	1.40E-01 - 3.50E+00	2.0E+01	9.5E+00	3.9E+02	NA	NA	No	BSL
	7440-22-4	SILVER	2.0E-01 V	5.4E+00 J	mg/kg	0608	32 / 53	2.00E-01 - 9.00E-01	5.4E+00	6.6E+00	3.9E+02	NA	NA	No	BSL
	7440-23-5	SODIUM	8.4E+01 V	1.6E+03 J	mg/kg	0602	13 / 15	1.20E+00 - 3.50E+00	1.6E+03	2.6E+04	NA	NA	NA	No	NUT
	7440-28-0	THALLIUM	9.9E-01 V	3.4E+00 J	mg/kg	0602	9 / 53	1.60E-01 - 4.10E+00	3.4E+00	1.0E+00	NA	NA	NA	No	NTX
	7440-62-2	VANADIUM	1.1E+01 J	8.6E+01 J	mg/kg	0602	15 / 15	2.00E-01 - 5.70E-01	8.6E+01	1.2E+02	7.8E+01	NA	NA	Yes	ASL
	7440-66-6	ZINC	1.7E+01 J	3.2E+02 J	mg/kg	06A06	53 / 53	2.10E-01 - 9.40E-01	3.2E+02	7.1E+02	2.3E+04	NA	NA	No	BSL
	72-54-8	4,4-DDD	2.0E-03 V	7.6E-02 J	mg/kg	0611	5 / 39	8.30E-03 - 3.10E-01	7.6E-02	NA	3.0E+00	NA	NA	No	BSL
	72-55-9	4,4-DDE	1.4E-02 J	1.4E-01 J	mg/kg	0611	2 / 39	8.30E-03 - 3.10E-01	1.4E-01	NA	2.0E+00	NA	NA	No	BSL
	50-29-3	4,4-DDT	1.6E-03 J	1.2E+00 J	mg/kg	0611	17 / 39	8.30E-03 - 3.10E-01	1.2E+00	NA	2.0E+00	NA	NA	No	BSL
	309-00-2	ALDRIN	1.6E-03 V	1.6E-03 V	mg/kg	0621	1 / 39	4.10E-03 - 1.50E-01	1.6E-03	NA	4.0E-02	NA	NA	No	BSL
	1024-57-3	HEPTACHLOR EPOXIDE	1.2E-03 V	3.0E-02 J	mg/kg	0603	2 / 39	4.10E-03 - 1.50E-01	3.0E-02	NA	7.0E-02	NA	NA	No	BSL
	78-93-3	2-BUTANONE	2.7E-02 V	6.3E-02 J	mg/kg	0601	2 / 39	1.10E-02 - 4.20E-02	6.3E-02	NA	3.1E+03	NA	NA	No	BSL
	67-64-1	ACETONE	1.3E-01 V	1.3E-01 V	mg/kg	0617, 0621	2 / 39	1.10E-02 - 4.20E-02	1.3E-01	NA	7.0E+04	NA	NA	No	BSL
	71-43-2	BENZENE	7.0E-03 J	7.0E-03 J	mg/kg	0615	1 / 39	5.00E-03 - 2.10E-02	7.0E-03	NA	2.0E+00	NA	NA	No	BSL
	75-15-0	CARBON DISULFIDE	8.0E-03 V	2.7E-02 V	mg/kg	0611	3 / 39	5.00E-03 - 2.10E-02	2.7E-02	NA	7.8E+03	NA	NA	No	BSL
	75-09-2	METHYLENE CHLORIDE	1.7E-02 V	1.0E-01 J	mg/kg	0616	5 / 39	5.00E-03 - 2.10E-02	1.0E-01	NA	4.6E+01	NA	NA	No	BSL
	108-88-3	TOLUENE	3.0E-03 J	3.0E-03 J	mg/kg	0602	1 / 39	5.00E-03 - 2.10E-02	3.0E-03	NA	6.3E+03	NA	NA	No	BSL
	1330-20-7	XYLENES (TOTAL)	9.0E-03 V	9.0E-03 V	mg/kg	0621	1 / 39	5.00E-03 - 2.10E-02	9.0E-03	NA	1.2E+04	NA	NA	No	BSL

[1] Maximum concentration is used for screening.

[2] Background soil values are the 95% upper tolerance limit with 95% coverage (95/95 UTL) for the dredge spoil areas (DSAs).

[3] NJDEP Residential Direct Contact Soil Remediation Standard (SRS), September 2017.

[4] Rationale Codes

Selection Reason: Above Screening Levels (ASL)

Deletion Reason: No Toxicity Information (NTX)

Essential Nutrient (NUT)

Below Screening Level (BSL)

COPC = Chemical of Potential Concern

ARAR/TBC = Applicable or Relevant and Appropriate Requirement/

To Be Considered

BEQ = Benzo(a)pyrene equivalent

J = result is estimated

J - = result is estimated, biased low

mg/kg = milligram per kilogram

NA = Not available

V = Detected Value

TABLE 2.2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier		Maximum Concentration Qualifier		Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Selection or Deletion (4)
Subsurface Soil and Emissions from Subsurface Soil (2-7.7 feet bgs)	120-12-7	ANTHRACENE	3.8E-02	J	5.6E-02	J	mg/kg	06B05	2 / 11	3.70E-01 - 7.90E-01	5.6E-02	NA	1.7E+04	NA	NA	No	BSL
	BAPTEQ	BEQ	2.8E-01		5.6E-01		mg/kg	06B05	8 / 11	-	5.6E-01	NA	5.0E-01	NA	NA	Yes	ASL
	56-55-3	BENZO(A)ANTHRACENE	7.0E-02	J	2.3E-01	J	mg/kg	06B05	8 / 11	3.70E-01 - 7.90E-01	2.3E-01	NA	5.0E+00	NA	NA	No	BSL
	50-32-8	BENZO(A)PYRENE	4.9E-02	J	2.3E-01	J	mg/kg	06B05	8 / 11	3.70E-01 - 7.90E-01	2.3E-01	NA	5.0E-01	NA	NA	No	BSL
	205-99-2	BENZO(B)FLUORANTHENE	6.4E-02	J	3.5E-01	J	mg/kg	06B02, 06B05	8 / 11	3.70E-01 - 7.90E-01	3.5E-01	NA	5.0E+00	NA	NA	No	BSL
	191-24-2	BENZO(G,H,I)PERYLENE	6.1E-02	J	1.8E-01	J	mg/kg	06B05	6 / 11	3.70E-01 - 7.90E-01	1.8E-01	NA	3.8E+05	NA	NA	No	BSL
	207-08-9	BENZO(K)FLUORANTHENE	5.9E-02	J	1.2E-01	J	mg/kg	06B05	6 / 11	3.70E-01 - 7.90E-01	1.2E-01	NA	4.5E+01	NA	NA	No	BSL
	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	3.2E-01	J	1.0E+00	V	mg/kg	06B02	2 / 11	3.70E-01 - 7.90E-01	1.0E+00	NA	3.5E+01	NA	NA	No	BSL
	218-01-9	CHRYSENE	8.3E-02	J	3.6E-01	J	mg/kg	06B05	8 / 11	3.70E-01 - 7.90E-01	3.6E-01	NA	4.5E+02	NA	NA	No	BSL
	206-44-0	FLUORANTHENE	5.4E-02	J	8.1E+00	V	mg/kg	06B06	10 / 11	3.70E-01 - 7.90E-01	8.1E+00	NA	2.3E+03	NA	NA	No	BSL
	193-39-5	INDENO(1,2,3-C,D)PYRENE	8.2E-02	J	1.4E-01	J	mg/kg	06B05	6 / 11	3.70E-01 - 7.90E-01	1.4E-01	NA	5.0E+00	NA	NA	No	BSL
	85-01-8	PHENANTHRENE	1.3E-01	J	3.1E-01	J	mg/kg	06B05	8 / 11	3.70E-01 - 7.90E-01	3.1E-01	NA	NA	NA	NA	No	NTX
	129-00-0	PYRENE	5.0E-02	J	7.7E+00	V	mg/kg	06B06	10 / 11	3.70E-01 - 7.90E-01	7.7E+00	NA	1.7E+03	NA	NA	No	BSL
	TCDDTEQ	2,3,7,8-TCDD TEQ	5.7E-06		2.7E-05		mg/kg	06B06	3 / 3	-	2.7E-05	NA	NA	NA	NA	No	NTX
	7429-90-5	ALUMINUM	4.7E+03	V	7.1E+03	V	mg/kg	0621	2 / 2	2.40E+00 - 2.80E+00	7.1E+03	2.5E+04	7.8E+04	NA	NA	No	BSL
	7440-36-0	ANTIMONY	2.2E+01	V	3.4E+01	V	mg/kg	06B02	2 / 11	7.50E-01 - 2.30E+00	3.4E+01	5.4E+00	3.1E+01	NA	NA	Yes	ASL
	7440-38-2	ARSENIC	1.9E+00	V	4.9E+01	V	mg/kg	06B05	11 / 11	3.40E-01 - 4.60E+00	4.9E+01	1.8E+02	1.9E+01	NA	NA	Yes	ASL
	7440-39-3	BARIUM	1.2E+01	J	9.8E+01	J	mg/kg	06B05	11 / 11	1.30E-01 - 2.20E-01	9.8E+01	2.2E+02	1.6E+04	NA	NA	No	BSL
	7440-41-7	BERYLLIUM	2.8E-01	V	9.3E-01	V	mg/kg	06B06	10 / 11	1.30E-01 - 1.80E-01	9.3E-01	1.6E+00	1.6E+01	NA	NA	No	BSL
	7440-43-9	CADMIUM	6.0E-02	V	5.5E-01	V	mg/kg	06B06	10 / 11	4.80E-02 - 1.80E-01	5.5E-01	3.4E+00	7.8E+01	NA	NA	No	BSL
	7440-70-2	CALCIUM	2.8E+02	J	2.8E+02	J	mg/kg	0621	1 / 2	1.20E+00 - 1.20E+00	2.8E+02	5.9E+03	NA	NA	NA	No	NUT
	7440-47-3	CHROMIUM	1.0E+01	J	6.4E+01	J	mg/kg	06B05	11 / 11	3.50E-01 - 6.60E-01	6.4E+01	2.0E+02	NA	NA	NA	No	NTX
	7440-48-4	COBALT	2.5E+00	V	3.3E+00	V	mg/kg	0621	2 / 2	2.90E-01 - 3.30E-01	3.3E+00	1.9E+01	1.6E+03	NA	NA	No	BSL
	7440-50-8	COPPER	8.1E+00	V	7.4E+01	J	mg/kg	06B05	11 / 11	1.80E-01 - 2.50E-01	7.4E+01	6.3E+02	3.1E+03	NA	NA	No	BSL
	7439-89-6	IRON	9.4E+03	V	1.5E+04	V	mg/kg	06B01	2 / 2	4.90E-01 - 4.90E-01	1.5E+04	6.7E+04	NA	NA	NA	No	NTX
	7439-92-1	LEAD	1.0E+01	V	1.0E+02	J	mg/kg	06B05	10 / 11	6.40E-01 - 2.70E+00	1.0E+02	2.9E+02	4.0E+02	NA	NA	No	BSL
	7439-95-4	MAGNESIUM	3.2E+02	J,+	4.8E+02	J,+	mg/kg	0621	2 / 2	3.90E+00 - 3.90E+00	4.8E+02	1.1E+04	NA	NA	NA	No	NUT
	7439-96-5	MANGANESE	3.5E+01	J,+	9.6E+01	J	mg/kg	0621	2 / 2	7.70E-02 - 2.10E-01	9.6E+01	6.0E+02	1.1E+04	NA	NA	No	BSL
	7439-97-6	MERCURY	1.5E-01	V	5.9E-01	V	mg/kg	06B05	4 / 11	8.00E-02 - 1.50E-01	5.9E-01	3.6E+00	2.3E+01	NA	NA	No	BSL
	7440-02-0	NICKEL	3.6E+00	V	1.5E+01	V	mg/kg	06B06	11 / 11	1.10E+00 - 1.50E+00	1.5E+01	5.2E+01	1.6E+03	NA	NA	No	BSL
	7440-09-7	POTASSIUM	4.7E+02	J,+	5.6E+02	V	mg/kg	06B01	2 / 2	4.60E+01 - 8.48E+01	5.6E+02	5.7E+03	NA	NA	NA	No	NUT
	7782-49-2	SELENIUM	8.5E-01	V	3.9E+00	V	mg/kg	06B05	5 / 11	1.70E-01 - 1.10E+00	3.9E+00	9.5E+00	3.9E+02	NA	NA	No	BSL
	7440-22-4	SILVER	3.7E-01	V	1.3E+00	V	mg/kg	06B05	5 / 11	2.10E-01 - 3.20E-01	1.3E+00	6.6E+00	3.9E+02	NA	NA	No	BSL

TABLE 2.2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil and Ambient Air

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value (2)	Screening Toxicity Value (3)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Selection or Deletion (4)
Subsurface Soil and Emissions from Subsurface Soil (2-7.7 feet bgs)	7440-23-5	SODIUM	3.7E+02	V	mg/kg	0621	1 / 2	1.30E+00 - 1.60E+00	3.7E+02	2.6E+04	NA	NA	NA	No	NUT
	7440-62-2	VANADIUM	1.6E+01	V	mg/kg	06B01	2 / 2	2.10E-01 - 3.00E-01	4.0E+01	1.2E+02	7.8E+01	NA	NA	No	BSL
	7440-66-6	ZINC	1.6E+01	V	mg/kg	06B06	11 / 11	2.20E-01 - 3.00E-01	9.9E+01	7.1E+02	2.3E+04	NA	NA	No	BSL
	72-54-8	4,4-DDD	1.2E-02	V	mg/kg	06B05	7 / 11	8.80E-03 - 4.70E-01	9.2E-02	NA	3.0E+00	NA	NA	No	BSL
	72-55-9	4,4-DDE	2.6E-03	V	mg/kg	06B05	5 / 11	8.80E-03 - 4.70E-01	7.5E-02	NA	2.0E+00	NA	NA	No	BSL
	50-29-3	4,4-DDT	2.2E-03	V	mg/kg	06B05	5 / 11	8.80E-03 - 4.70E-01	8.3E-02	NA	2.0E+00	NA	NA	No	BSL
	309-00-2	ALDRIN	1.1E-03	V	mg/kg	06B02	3 / 11	4.40E-03 - 2.40E-01	1.8E-02	NA	4.0E-02	NA	NA	No	BSL
	1024-57-3	HEPTACHLOR EPOXIDE	1.1E-03	V	mg/kg	06B06	5 / 11	4.40E-03 - 2.40E-01	1.1E-01	NA	7.0E-02	NA	NA	Yes	ASL
	78-93-3	2-BUTANONE	1.1E-02	J	mg/kg	06B03	4 / 11	1.10E-02 - 1.60E-02	2.7E-02	NA	3.1E+03	NA	NA	No	BSL
	67-64-1	ACETONE	1.2E-01	V	mg/kg	06B03	2 / 11	1.10E-02 - 1.60E-02	2.7E-01	NA	7.0E+04	NA	NA	No	BSL
	75-15-0	CARBON DISULFIDE	6.0E-03	J	mg/kg	06B03	1 / 11	6.00E-03 - 8.00E-03	6.0E-03	NA	7.8E+03	NA	NA	No	BSL

[1]

Maximum concentration is used for screening.

[2]

Background soil values are the 95% upper tolerance limit with 95% coverage (95/95 UTL) for the dredge spoil areas (DSAs).

[3]

NJDEP Residential Direct Contact Soil Remediation Standard (SRS), September 2017.

[4]

Rationale Codes

Selection Reason: Above Screening Levels (ASL)
Deletion Reason: No Toxicity Information (NTX)
Essential Nutrient (NUT)
Below Screening Level (BSL)

COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/
To Be Considered
BEQ = Benzo(a)pyrene equivalent
J = result is estimated
J + = result is estimated, biased high
mg/kg = milligram per kilogram
NA = Not available
V = Detected Value

TABLE 2.3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier		Maximum Concentration Qualifier		Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value	Screening Toxicity Value (2)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Selection or Deletion (3)
Sediment	106-44-5	4-METHYLPHENOL	3.1E-01	J	3.1E-01	J	mg/kg	SW0614	1 / 27	4.80E-01 - 2.70E+00	3.1E-01	NA	3.1E+01	NA	NA	No	BSL
	83-32-9	ACENAPHTHENE	8.0E-02	J	2.6E-01	J	mg/kg	SW0607	4 / 27	4.30E-01 - 2.70E+00	2.6E-01	NA	3.4E+03	NA	NA	No	BSL
	208-96-8	ACENAPHTHYLENE	2.9E-02	J	1.5E-01	J	mg/kg	SW0606	10 / 27	4.30E-01 - 2.70E+00	1.5E-01	NA	NA	NA	NA	No	NTX
	120-12-7	ANTHRACENE	4.3E-02	J	4.7E-01	J	mg/kg	SW0618	14 / 27	4.30E-01 - 2.70E+00	4.7E-01	NA	1.7E+04	NA	NA	No	BSL
	BAPTEQ	BEQ	3.1E-01		4.2E+00		mg/kg	SW0617	21 / 27	-	4.2E+00	NA	5.0E-01	NA	NA	Yes	ASL
	56-55-3	BENZO(A)ANTHRACENE	1.4E-01	J	1.9E+00	J	mg/kg	SW0617	21 / 27	4.30E-01 - 2.70E+00	1.9E+00	NA	5.0E+00	NA	NA	No	BSL
	50-32-8	BENZO(A)PYRENE	1.4E-01	J	2.7E+00	J	mg/kg	SW0617	21 / 27	4.30E-01 - 2.70E+00	2.7E+00	NA	5.0E-01	NA	NA	Yes	ASL
	205-99-2	BENZO(B)FLUORANTHENE	1.7E-01	J	2.8E+00	J	mg/kg	SW0617	21 / 27	4.30E-01 - 2.70E+00	2.8E+00	NA	5.0E+00	NA	NA	No	BSL
	191-24-2	BENZO(G,H,I)PERYLENE	1.0E-01	J	9.0E-01	J	mg/kg	SW0618	20 / 27	4.30E-01 - 2.70E+00	9.0E-01	NA	3.8E+05	NA	NA	No	BSL
	207-08-9	BENZO(K)FLUORANTHENE	1.5E-01	J	2.5E+00	J	mg/kg	SW0607	21 / 27	4.30E-01 - 2.70E+00	2.5E+00	NA	4.5E+01	NA	NA	No	BSL
	117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	1.8E-01	J	5.7E+00	J	mg/kg	SW0618	15 / 27	4.30E-01 - 2.70E+00	5.7E+00	NA	3.5E+01	NA	NA	No	BSL
	85-68-7	BUTYLBENZYLPHthalATE	1.5E-01	J	2.5E-01	J	mg/kg	SW0616	2 / 27	4.30E-01 - 2.70E+00	2.5E-01	NA	1.2E+03	NA	NA	No	BSL
	86-74-8	CARBAZOLE	6.0E-02	J	6.0E-02	J	mg/kg	SW0630	1 / 27	4.30E-01 - 2.70E+00	6.0E-02	NA	2.4E+01	NA	NA	No	BSL
	218-01-9	CHRYSENE	1.9E-01	J	3.0E+00	J	mg/kg	SW0617	21 / 27	4.30E-01 - 2.70E+00	3.0E+00	NA	4.5E+02	NA	NA	No	BSL
	53-70-3	DIBENZ(A,H)ANTHRACENE	3.2E-02	J	6.2E-01	J	mg/kg	SW0618	11 / 27	4.30E-01 - 2.70E+00	6.2E-01	NA	5.0E-01	NA	NA	Yes	ASL
	84-74-2	DI-N-BUTYL PHTHALATE	4.8E-02	J	4.8E-02	J	mg/kg	SW0635	1 / 27	4.30E-01 - 2.70E+00	4.8E-02	NA	6.1E+03	NA	NA	No	BSL
	117-84-0	DI-N-OCTYL PHTHALATE	7.6E-02	J	3.6E-01	J	mg/kg	SW0618	4 / 27	4.30E-01 - 2.70E+00	3.6E-01	NA	2.4E+03	NA	NA	No	BSL
	206-44-0	FLUORANTHENE	6.9E-02	J	4.9E+00	J	mg/kg	SW0617	25 / 27	4.30E-01 - 2.70E+00	4.9E+00	NA	2.3E+03	NA	NA	No	BSL
	86-73-7	FLUORENE	3.7E-02	J	5.6E-01	J	mg/kg	SW0607	8 / 27	4.30E-01 - 2.70E+00	5.6E-01	NA	2.3E+03	NA	NA	No	BSL
	193-39-5	INDENO(1,2,3-C,D)PYRENE	7.5E-02	J	9.5E-01	J	mg/kg	SW0616	20 / 27	4.30E-01 - 2.70E+00	9.5E-01	NA	5.0E+00	NA	NA	No	BSL
	91-20-3	NAPHTHALENE	2.9E-01	J	2.9E-01	J	mg/kg	SW0612	1 / 27	4.30E-01 - 2.70E+00	2.9E-01	NA	6.0E+00	NA	NA	No	BSL
	85-01-8	PHENANTHRENE	6.7E-02	J	1.8E+00	J	mg/kg	SW0616, SW0617	22 / 27	4.30E-01 - 2.70E+00	1.8E+00	NA	NA	NA	NA	No	NTX
	108-95-2	PHENOL	6.5E-02	J	6.5E-02	J	mg/kg	SW0613	1 / 27	4.30E-01 - 2.70E+00	6.5E-02	NA	1.8E+04	NA	NA	No	BSL
	129-00-0	PYRENE	8.3E-02	J	3.6E+00	J	mg/kg	SW0617	25 / 27	4.30E-01 - 2.70E+00	3.6E+00	NA	1.7E+03	NA	NA	No	BSL
	TCDDTEQ	2,3,7,8-TCDD TEQ	5.5E-05		1.6E-04		mg/kg	SW0615	5 / 5	-	1.6E-04	NA	NA	NA	NA	No	NTX
	7429-90-5	ALUMINUM	3.8E+03	J	2.3E+04	J	mg/kg	SW0634	12 / 12	3.60E+00 - 4.10E+01	2.3E+04	NA	7.8E+04	NA	NA	No	BSL
	7440-36-0	ANTIMONY	7.8E-01	J	3.0E+01	V	mg/kg	SW0606	16 / 26	6.70E-01 - 9.15E+00	3.0E+01	NA	3.1E+01	NA	NA	No	BSL
	7440-38-2	ARSENIC	3.2E+00	J	1.1E+02	J	mg/kg	SW0607	26 / 26	6.70E-01 - 1.21E+01	1.1E+02	NA	1.9E+01	NA	NA	Yes	ASL
	7440-39-3	BARIUM	1.0E+01	J	2.4E+02	J	mg/kg	SW0614	26 / 26	4.30E-01 - 4.10E+01	2.4E+02	NA	1.6E+04	NA	NA	No	BSL
	7440-41-7	BERYLLIUM	3.1E-01	J	2.6E+00	V	mg/kg	SW0604	19 / 26	9.00E-02 - 1.00E+00	2.6E+00	NA	1.6E+01	NA	NA	No	BSL
	7440-43-9	CADMIUM	3.2E-01	J	7.3E+00	V	mg/kg	SW0611	16 / 26	2.80E-01 - 1.52E+00	7.3E+00	NA	7.8E+01	NA	NA	No	BSL
	7440-70-2	CALCIUM	3.5E+02	J	2.5E+03	J	mg/kg	SW0636	11 / 12	5.00E+00 - 1.02E+03	2.5E+03	NA	NA	NA	NA	No	NUT

TABLE 2.3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value	Screening Toxicity Value (2)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Selection or Deletion (3)		
Sediment	7440-47-3	CHROMIUM	1.0E+01	J	1.1E+03	J	mg/kg	SW0611	26 / 26	6.60E-01 - 3.50E+00	1.1E+03	NA	NA	NA	NA	No	NTX
	7440-48-4	COBALT	2.7E+00	J	2.2E+01	J	mg/kg	SW0636	12 / 12	3.40E-01 - 1.00E+00	2.2E+01	NA	1.6E+03	NA	NA	No	BSL
	7440-50-8	COPPER	1.7E+01	J	2.8E+02	J	mg/kg	SW0636	26 / 26	2.40E-01 - 1.30E+00	2.8E+02	NA	3.1E+03	NA	NA	No	BSL
	57-12-5	CYANIDE	2.9E-01	B	1.4E+00	B	mg/kg	SW0635	7 / 12	6.80E-01 - 2.00E+00	1.4E+00	NA	4.7E+01	NA	NA	No	BSL
	7439-89-6	IRON	9.7E+03	J	6.4E+04	J	mg/kg	SW0629	12 / 12	2.40E+00 - 2.05E+01	6.4E+04	NA	NA	NA	NA	No	NTX
	7439-92-1	LEAD	2.7E+01	J	3.4E+02	J	mg/kg	SW0602	26 / 26	2.00E-01 - 1.75E+01	3.4E+02	NA	4.0E+02	NA	NA	No	BSL
	7439-95-4	MAGNESIUM	4.5E+02	J	5.7E+03	J	mg/kg	SW0636	12 / 12	5.70E+00 - 1.02E+03	5.7E+03	NA	NA	NA	NA	No	NUT
	7439-96-5	MANGANESE	2.5E+01	J	3.5E+02	J	mg/kg	SW0636	12 / 12	6.70E-01 - 2.00E+00	3.5E+02	NA	1.1E+04	NA	NA	No	BSL
	7439-97-6	MERCURY	5.3E-02	V	2.6E+00	J	mg/kg	SW0606	25 / 26	4.50E-02 - 4.20E-01	2.6E+00	NA	2.3E+01	NA	NA	No	BSL
	7440-02-0	NICKEL	1.7E+00	J	1.6E+02	J,-	mg/kg	SW0611	25 / 26	1.20E+00 - 8.20E+00	1.6E+02	NA	1.6E+03	NA	NA	No	BSL
	7440-09-7	POTASSIUM	2.2E+02	J	2.7E+03	J	mg/kg	SW0636	12 / 12	1.84E+02 - 1.02E+03	2.7E+03	NA	NA	NA	NA	No	NUT
	7782-49-2	SELENIUM	5.6E-01	J	2.7E+01	V	mg/kg	SW0602	18 / 26	3.40E-01 - 6.70E+00	2.7E+01	NA	3.9E+02	NA	NA	No	BSL
	7440-22-4	SILVER	1.0E-01	J	5.6E+00	J	mg/kg	SW0607	23 / 26	3.40E-01 - 1.84E+00	5.6E+00	NA	3.9E+02	NA	NA	No	BSL
	7440-23-5	SODIUM	3.1E+02	J	1.4E+04	J	mg/kg	SW0607	11 / 12	6.20E+00 - 1.02E+03	1.4E+04	NA	NA	NA	NA	No	NUT
	7440-28-0	THALLIUM	9.1E-01	J	2.3E+00	J	mg/kg	SW0632	5 / 26	6.70E-01 - 7.98E+00	2.3E+00	NA	NA	NA	NA	No	NTX
	7440-62-2	VANADIUM	2.1E+01	J	7.8E+01	J	mg/kg	SW0634	12 / 12	1.30E+00 - 4.10E+00	7.8E+01	NA	7.8E+01	NA	NA	Yes	ASL
	7440-66-6	ZINC	1.5E+01	V	4.4E+02	J	mg/kg	SW0604	26 / 26	6.60E-01 - 4.10E+00	4.4E+02	NA	2.3E+04	NA	NA	No	BSL
	3383-96-8	TEMEPHOS	6.3E+00	V	6.3E+00	V	mg/kg	SW0631	1 / 6	1.40E-01 - 1.60E+00	6.3E+00	NA	NA	NA	NA	No	NTX
	11096-82-5	AROCLOR-1260	9.5E-02	J	3.8E+00	J	mg/kg	SW0604	5 / 27	4.00E-02 - 2.50E+00	3.8E+00	NA	2.0E-01	NA	NA	Yes	ASL
	72-54-8	4,4-DDD	4.0E-03	J	3.6E-01	D,J	mg/kg	SW0627	12 / 27	2.20E-03 - 2.50E-01	3.6E-01	NA	3.0E+00	NA	NA	No	BSL
	72-55-9	4,4-DDE	1.6E-03	V	3.2E-02	J	mg/kg	SW0608	18 / 26	1.10E-03 - 2.50E-01	3.2E-02	NA	2.0E+00	NA	NA	No	BSL
	50-29-3	4,4-DDT	2.2E-03	J	2.2E-02	J	mg/kg	SW0627	5 / 27	3.30E-03 - 2.50E-01	2.2E-02	NA	2.0E+00	NA	NA	No	BSL
	319-84-6	ALPHA-BHC	1.4E-03	N,J	1.4E-03	N,J	mg/kg	SW0630	1 / 27	5.50E-04 - 1.20E-01	1.4E-03	NA	1.0E-01	NA	NA	No	BSL
	5103-71-9	ALPHA-CHLORDANE	4.6E-04	J	3.0E-03	N,J	mg/kg	SW0627	6 / 27	1.10E-03 - 1.20E+00	3.0E-03	NA	2.0E-01	NA	NA	No	BSL
	319-85-7	BETA-BHC	5.5E-03	N,J	8.5E-03	N,J	mg/kg	SW0629	3 / 27	1.10E-03 - 1.20E-01	8.5E-03	NA	4.0E-01	NA	NA	No	BSL
	60-57-1	DIELDRIN	6.2E-04	J	4.9E-03	N,J	mg/kg	SW0636	2 / 27	1.10E-03 - 2.50E-01	4.9E-03	NA	4.0E-02	NA	NA	No	BSL
	58-89-9	GAMMA BHC (LINDANE)	2.9E-04	J	2.9E-04	J	mg/kg	SW0628	1 / 27	5.50E-04 - 1.20E-01	2.9E-04	NA	4.0E-01	NA	NA	No	BSL
	5103-74-2	GAMMA-CHLORDANE	2.4E-03	J	2.1E-02	N,J	mg/kg	SW0634	10 / 27	5.50E-04 - 1.20E+00	2.1E-02	NA	2.0E-01	NA	NA	No	BSL
	76-44-8	HEPTACHLOR	2.1E-04	J	2.2E-03	N,J	mg/kg	SW0631	3 / 27	5.50E-04 - 1.20E-01	2.2E-03	NA	1.0E-01	NA	NA	No	BSL
	1024-57-3	HEPTACHLOR EPOXIDE	4.1E-03	N,J	4.1E-03	N,J	mg/kg	SW0634	1 / 27	5.50E-04 - 1.20E-01	4.1E-03	NA	7.0E-02	NA	NA	No	BSL
	72-43-5	METHOXYCHLOR	7.8E-03	J	1.0E-02	N,J	mg/kg	SW0630	4 / 27	5.40E-03 - 1.20E+00	1.0E-02	NA	3.9E+02	NA	NA	No	BSL
	78-93-3	2-BUTANONE	9.0E-03	J	5.8E-01	J	mg/kg	SW0604	10 / 17	1.40E-02 - 2.00E-01	5.8E-01	NA	3.1E+03	NA	NA	No	BSL
	591-78-6	2-HEXANONE	4.0E-03	J	4.0E-03	J	mg/kg	SW0614	1 / 17	1.40E-02 - 2.00E-01	4.0E-03	NA	NA	NA	NA	No	NTX
	108-10-1	4-METHYL-2-PENTANONE	2.0E-03	J	3.0E-03	J	mg/kg	SW0613, SW0614	3 / 17	1.40E-02 - 2.00E-01	3.0E-03	NA	NA	NA	NA	No	NTX
	67-64-1	ACETONE	1.3E-02	J	2.9E+00	J	mg/kg	SW0604	14 / 17	1.40E-02 - 2.00E-01	2.9E+00	NA	7.0E+04	NA	NA	No	BSL

TABLE 2.3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
Former Raritan Arsenal - Areas 6, 6A, 6B and DSA 1, Edison, New Jersey

Scenario Timeframe: Future
Medium: Sediment
Exposure Medium: Sediment

Exposure Point	CAS Number	Chemical	Minimum Concentration Qualifier	Maximum Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Background Value	Screening Toxicity Value (2)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Selection or Deletion (3)
Sediment	75-15-0	CARBON DISULFIDE	1.0E-03 J	1.7E-02 J	mg/kg	SW0608	4 / 17	7.00E-03 - 9.80E-02	1.7E-02	NA	7.8E+03	NA	NA	No	BSL
	108-88-3	TOLUENE	2.2E-01 J	2.2E-01 J	mg/kg	SW0602	1 / 17	7.00E-03 - 9.80E-02	2.2E-01	NA	6.3E+03	NA	NA	No	BSL
	79-01-6	TRICHLOROETHYLENE	1.0E-03 J	3.0E-03 J	mg/kg	SW0613	3 / 17	7.00E-03 - 9.80E-02	3.0E-03	NA	3.0E+00	NA	NA	No	BSL

[1]Maximum concentration is used for screening.

[2]NJDEP Residential Direct Contact Soil Remediation Standard (SRS), September 2017.

[3]Rationale Codes

Selection Reason: Above Screening Levels (ASL)
Deletion Reason: No Toxicity Information (NTX)
Essential Nutrient (NUT)
Below Screening Level (BSL)

COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/
To Be Considered
B = Analyte also detected in associated blank
BEQ = Benzo(a)pyrene equivalent
D = dilutions required to perform the analysis
J = result is estimated
J - = result is estimated, biased low
mg/kg = milligram per kilogram
NA = Not available
N = Presumptive evidence of the presence of the material
V = Detected Value

CONTRACT: W912DY-09-D-0060 / TO: 003
MAY 2021

H-316

Page 3 of 3

Attachment H-7 Weighted UCL Calculation

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs

Antimony in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	DU Area (any constant units)																	
			Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10	Rep 11	Rep 12	Rep 13	Rep 14	Rep 15	Rep 16	Rep 17
1	Area 6	51	1.15	1.8	0.55	1.05	0.95	1	2.3	0.65	1.4	0.5	0.7	2.6	0.7	0.6	4.7	0.65	3
2	Area 6A	8	3.3	1.05	0.46	1.05	0.95	1.1	0.5	0.355	1.05	0.44	0.42	0.75	0.39	0.435			
3	Area 6B	7	0.385	1.15	33.8	3.9	1.05	1.95	0.41	1.7	21.8	0.65	1.3						
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area		66	--	--	--														

Degrees of freedom by Welch-Satterthwaite approximation

14.38

- Notes
- DU

Decision unit
- SD

Standard deviation
- SE

Standard error
- UCL

Upper confidence limit

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Antimony in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	Replicate concentration																	
		Rep 18	Rep 19	Rep 20	Rep 21	Rep 22	Rep 23	Rep 24	Rep 25	Rep 26	Rep 27	Rep 28	Rep 29	Rep 30	Rep 31	Rep 32	Rep 33	Rep 34	Rep 35
1	Area 6	0.55	5.9	4.3	3.2	0.65	1.2	0.65	2	0.6	1.2	1.7	1.15	0.5	2.1	0.55	0.38	0.37	1
2	Area 6A																		
3	Area 6B																		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area																			

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Antimony in Total Soil (0-7.7 feet bgs)

Number of increments per replicate:

DU	DU Name							Number of Replicates	Weight	Arithmetic Mean	SD	CV	SE	95% UCL	
		Rep 36	Rep 37	Rep 38	Rep 39	Rep 40	Rep 41							Student's-t	Chebychev
1	Area 6	0.9	0.5	0.55	0.65			39	0.77	1.4	1.3	0.0	0.2	1.8	2.3
2	Area 6A							14	0.12	0.9	0.8	0.0	0.2	1.2	1.8
3	Area 6B							11	0	6.2	11.1	0.0	3.3	12.2	20.7
4															
5															
6															
7															
8															
9															
10															
Combined DUs Weighted by Area						--	--	64	1.00	1.9	1.5	Low	0.4	2.5	3.5

Student's-t or Chebychev 95% UCL may be appropriate.

Recommended UCL

Student's t 95% UCL2.5

The User should consult the instructions for additional guidance on which 95% UCL is recommended for specific data sets.

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs

Arsenic in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	DU Area (any constant units)																	
			Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10	Rep 11	Rep 12	Rep 13	Rep 14	Rep 15	Rep 16	Rep 17
1	Area 6	51	96.2	61	49	60.4	238	107	72.8	37.5	79.5	46.6	172	155	28.7	19.8	78.1	24.2	33.4
2	Area 6A	8	18	41.5	25.2	8.3	8.5	5.5	14.7	5.5	24.2	5.7	6.3	7.2	4.9	10.8			
3	Area 6B	7	6.1	10.4	7.1	26.2	7.5	20	3.7	12.2	49.4	6.9	4.4						
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area		66	--	--	--														

Degrees of freedom by Welch-Satterthwaite approximation

40.55

- Notes
- DU

Decision unit
- SD

Standard deviation
- SE

Standard error
- UCL

Upper confidence limit

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Arsenic in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	Replicate concentration																	
		Rep 18	Rep 19	Rep 20	Rep 21	Rep 22	Rep 23	Rep 24	Rep 25	Rep 26	Rep 27	Rep 28	Rep 29	Rep 30	Rep 31	Rep 32	Rep 33	Rep 34	Rep 35
1	Area 6	43.4	130	98.9	120	28.7	46.2	186	55.9	29.3	22.7	39.1	86.4	31.1	44.3	96.2	9.7	13.4	4.2
2	Area 6A																		
3	Area 6B																		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area																			

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Arsenic in Total Soil (0-7.7 feet bgs)

Number of increments per replicate: 1

DU	DU Name							Number of Replicates	Weight	Arithmetic Mean	SD	CV	SE	95% UCL	
		Rep 36	Rep 37	Rep 38	Rep 39	Rep 40	Rep 41							Student's-t	Chebychev
1	Area 6	8.4	9	1.9	4.3	111	140	41	0.77	66.3	55.5	0.0	8.7	80.9	104.1
2	Area 6A							14	0.12	13.3	10.6	0.0	2.8	18.3	25.7
3	Area 6B							11	0	14.0	13.6	0.0	4.1	21.4	31.9
4															
5															
6															
7															
8															
9															
10															
Combined DUs Weighted by Area						--	--	66	1.00	54.3	42.9	Low	6.7	65.7	83.6

Student's-t or Chebychev 95% UCL may be appropriate.												Recommended UCL	
												Student's t 95% UCL	65.7
The User should consult the instructions for additional guidance on which 95% UCL is recommended for specific data sets.													

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Cadmium in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	DU Area (any constant units)																	
			Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10	Rep 11	Rep 12	Rep 13	Rep 14	Rep 15	Rep 16	Rep 17
1	Area 6	51	0.07	0.085	0.06	0.06	0.037	0.04	0.0305	0.035	0.042	0.06	0.046	0.07	0.09	0.26	0.0315	0.073	0.18
2	Area 6A	8	0.1	0.71	0.071	1.6	15.4	16.2	0.065	2.8	0.049	3.6	0.93	0.97	0.0225				
3	Area 6B	7	0.06	0.24	0.14	0.07	0.06	0.084	0.11	0.17	0.12	0.55	0.09						
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area		66																	

Degrees of freedom by Welch-Satterthwaite approximation

12.13

- Notes
- DU

Decision unit
- SD

Standard deviation
- SE

Standard error
- UCL

Upper confidence limit

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Cadmium in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	Replicate concentration																	
		Rep 18	Rep 19	Rep 20	Rep 21	Rep 22	Rep 23	Rep 24	Rep 25	Rep 26	Rep 27	Rep 28	Rep 29	Rep 30	Rep 31	Rep 32	Rep 33	Rep 34	Rep 35
1	Area 6	0.105	0.14	0.042	0.035	0.1	0.04	0.0305	0.036	0.045	0.075	0.6	0.1	0.04	0.16	0.18	0.29	0.1	0.095
2	Area 6A																		
3	Area 6B																		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area																			

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Cadmium in Total Soil (0-7.7 feet bgs)

Number of increments per replicate: 1

DU	DU Name							Number of Replicates	Weight	Arithmetic Mean	SD	CV	SE	95% UCL	
		Rep 36	Rep 37	Rep 38	Rep 39	Rep 40	Rep 41							Student's-t	Chebychev
1	Area 6	0.09	0.1					37	0.77	0.1	0.1	0.0	0.0	0.1	0.2
2	Area 6A							13	0.12	3.3	5.7	0.0	1.6	6.1	10.1
3	Area 6B							11	0	0.2	0.1	0.0	0.0	0.2	0.3
4															
5															
6															
7															
8															
9															
10															
Combined DUs Weighted by Area								61	1.00	0.5	0.7	Low	0.2	0.8	1.3

Student's-t or Chebychev 95% UCL may be appropriate.	Recommended UCL	
	Student's t 95% UCL	0.8
The User should consult the instructions for additional guidance on which 95% UCL is recommended for specific data sets.		

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs

Mercury in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:Area

DU	DU Name	DU Area (any constant units)																	
			Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10	Rep 11	Rep 12	Rep 13	Rep 14	Rep 15	Rep 16	Rep 17
1	Area 6	51	0.71	0.26	0.37	0.125	1.2	0.97	0.24	0.2	0.52	0.28	1.6	1.7	0.3	0.18	0.5	0.16	0.17
2	Area 6A	8	0.25	0.12	0.045	0.05	0.065	0.0415	0.065	0.055	0.27	0.0465	0.0395	0.055	0.0445	0.043			
3	Area 6B	7	0.055	0.15	0.31	0.19	0.06	0.055	0.05	0.17	0.59	0.0425	0.041						
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area		66																	

Degrees of freedom by Welch-Satterthwaite approximation38.47

- Notes
- DU

Decision unit
- SD

Standard deviation
- SE

Standard error
- UCL

Upper confidence limit

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Mercury in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	Replicate concentration																	
		Rep 18	Rep 19	Rep 20	Rep 21	Rep 22	Rep 23	Rep 24	Rep 25	Rep 26	Rep 27	Rep 28	Rep 29	Rep 30	Rep 31	Rep 32	Rep 33	Rep 34	Rep 35
1	Area 6	0.14	1.8	0.92	1.9	0.08	0.21	2.4	0.48	0.23	0.23	0.27	0.74	0.25	0.43	1.1	0.05	0.1	0.05
2	Area 6A																		
3	Area 6B																		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area																			

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Mercury in Total Soil (0-7.7 feet bgs)

Number of increments per replicate:

DU	DU Name							Number of Replicates	Weight	Arithmetic Mean	SD	CV	SE	95% UCL	
		Rep 36	Rep 37	Rep 38	Rep 39	Rep 40	Rep 41							Student's-t	Chebychev
1	Area 6	0.05	0.055	0.04	0.05			39	0.77	0.5	0.6	0.0	0.1	0.7	1.0
2	Area 6A							14	0.12	0.1	0.1	0.0	0.0	0.1	0.2
3	Area 6B							11	0	0.2	0.2	0.0	0.1	0.2	0.4
4															
5															
6															
7															
8															
9															
10															
Combined DUs Weighted by Area								64	1.00	0.4	0.5	Low	0.1	0.6	0.8

Student's-t or Chebychev 95% UCL may be appropriate.

Recommended UCL

Student's t 95% UCL0.6

The User should consult the instructions for additional guidance on which 95% UCL is recommended for specific data sets.

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs

Thallium in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	DU Area (any constant units)																	
			Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10	Rep 11	Rep 12	Rep 13	Rep 14	Rep 15	Rep 16	Rep 17
1	Area 6	51	1.4	1.7	0.7	3.4	1.2	1.25	0.75	0.8	0.6	2.2	0.85	1.05	0.9	0.65	1.8	0.75	0.65
2	Area 6A	8	1.05	1.25	1.1	0.55	0.7	0.55	0.6	0.55	1.25	0.485	0.99	0.55	0.41	0.445			
3	Area 6B	7	0.6	0.55	0.55	0.6	0.5	0.5	0.5	0.6	0.65	0.475	0.475						
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area		66																	

Degrees of freedom by Welch-Satterthwaite approximation

39.14

- Notes
- DU

Decision unit
- SD

Standard deviation
- SE

Standard error
- UCL

Upper confidence limit

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs

Thallium in Total Soil (0-7.7 feet bgs)

Select whether the DU is based on area or volume:

Area

DU	DU Name	Replicate concentration																	
		Rep 18	Rep 19	Rep 20	Rep 21	Rep 22	Rep 23	Rep 24	Rep 25	Rep 26	Rep 27	Rep 28	Rep 29	Rep 30	Rep 31	Rep 32	Rep 33	Rep 34	Rep 35
1	Area 6	1.4	1.15	2.05	1.45	0.85	0.7	0.8	0.75	0.6	2.1	0.7	1.5	1.7	0.65	0.8	1.6	0.55	0.49
2	Area 6A																		
3	Area 6B																		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
Combined DUs Weighted by Area																			

Attachment H-7. Weighted UCL Calculations
Areas 6, 6A, 6B and DSA 1, Remedial Investigation Report, Former Raritan Arsenal, Edison, New Jersey

Calculation of Weighted 95% UCLs for a Combined Decision Unit (DU) from Several Smaller DUs
Thallium in Total Soil (0-7.7 feet bgs)

Number of increments per replicate:

DU	DU Name							Number of Replicates	Weight	Arithmetic Mean	SD	CV	SE	95% UCL	
		Rep 36	Rep 37	Rep 38	Rep 39	Rep 40	Rep 41							Student's-t	Chebychev
1	Area 6	0.445	0.08	0.075	0.085			39	0.77	1.1	0.7	0.0	0.1	1.2	1.5
2	Area 6A							14	0.12	0.7	0.3	0.0	0.1	0.9	1.1
3	Area 6B							11	0	0.5	0.1	0.0	0.0	0.6	0.6
4															
5															
6															
7															
8															
9															
10															
Combined DUs Weighted by Area								64	1.00	1.0	0.5	Low	0.1	1.1	1.3

Student's-t or Chebychev 95% UCL may be appropriate.	Recommended UCL	
	Student's t 95% UCL	1.1
The User should consult the instructions for additional guidance on which 95% UCL is recommended for specific data sets.		

Appendix I

GIS provided on DVD

Appendix I, *Geographical Information Systems Data*, is provided electronically on a separate DVD.