APPENDIX B

DATA VALIDATION REPORTS

DATA USABILITY SUMMARY REPORT

DLA/DNSC VOORHEESVILLE DEPOT

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SECTION 1

DATA USABILITY SUMMARY

Groundwater, surface water, sediment, and surface soil samples were collected from the Defense Logistics Agency / Defense National Stockpile Center (DLA/DNSC) Voorheesville Depot in Guilderland, New York from June 2, 2000 through August 17, 2000. Analytical results from these samples were validated and reviewed by Parsons (Maryanne Kosciewicz) for usability with respect to the following requirements:

- Remedial Investigation Field Sampling Plan for the Former Schenectady Army Depot – Voorheesville Area,
- NYSDEC Analytical Services Protocol (ASP) dated September 1989 with October 1995 revisions, and
- USEPA Region II Standard Operating Procedures (SOP) in "CLP Organics Data Review and Preliminary Review," SOP No. HW-6, Revision #8, January 1992, and "Evaluation of Metals Data for the CLP Based on SOW 3/90," SOP No. HW-2, Revision #11, January 1992.

The analytical laboratory for this project was Severn Trent Laboratories, Inc. – Pittsburgh (STL).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 33 days on average for water and soil samples.

The data packages received from STL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports, which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

Water and soil samples were collected, properly preserved, shipped under a chain of custody (COC) record, and received at STL within one to two days of sampling. All samples were received intact and in good condition at STL, with the exception of groundwater sample AOC5GW1; surface soil samples AOC5SS8 and 9; and sediment samples AOC5SD1, 2, 3, 4, 5, and 6, which were received by the laboratory with a shipping cooler temperature of 16°C (60.8°F).

1.3 LABORATORY ANALYTICAL METHODS

Water and soil samples were collected from the Voorheesville site and analyzed for metals. Additionally, certain surface water samples were collected and analyzed for hardness. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 and 1.3.2. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by media in Attachment A.

1.3.1 Metals Analysis

The water and soil samples collected from the Voorheesville site were analyzed by STL for Target Analyte List (TAL) metals using the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) 6010B/7470A/7471A analytical methods. Certain reported results for the metals samples were qualified as estimated due to noncompliant matrix spike recoveries, laboratory duplicate precision, serial dilution, shipping cooler temperature upon laboratory receipt, and sample moisture content. All of the metals data were considered usable and 100% complete for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.2 Hardness

Certain surface water samples collected from the Voorheesville site were analyzed by STL for hardness using the NYSDEC ASP 130.2 analytical method. All calibrations, laboratory blanks, holding times, matrix spikes, duplicates, and control samples were reviewed for compliance. Validation qualification of the hardness data was not warranted as a result of this review. All of the analytical data for the hardness samples were considered usable and 100% complete for the data presented by STL. PARCC requirements were met overall.

SECTION 2

DATA VALIDATION REPORTS

2.1 GROUNDWATER AND SURFACE WATER

Data review has been completed for data packages generated by STL containing groundwater and surface water samples collected from the Voorheesville site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-1.

Data validation was performed for all samples in accordance with the current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike (MS) recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of matrix spike recoveries, laboratory duplicate precision, and serial dilutions.

Matrix Spike Recoveries

All the MS recoveries were within the 75-125% control limits, and had concentrations less than four times the spiking concentration, with the exception of the recoveries for aluminum (429.5%, 446.6%, 177.8%, and 187%) associated with all groundwater and surface water samples with the exception of AOC5SW9, 10, 11, and 12. Therefore, positive aluminum results for all groundwater and surface water samples with the exception of AOC5SW9, 10, 11, and 12, were considered estimated, possibly biased high, and qualified "J" since aluminum MS recoveries exceeded the QC limit.

Laboratory Duplicate Precision

All laboratory duplicate precision results were compliant and within QC acceptance limits, with the exception of iron, which had a laboratory duplicate precision result of 29.8% RPD (relative percent difference) associated with surface water samples AOC5SW9, 10, 11, and 12. However, validation qualification was not warranted for iron in these samples since the noncompliant precision result was less than 30% RPD.

ICP Serial Dilution

QC serial dilution results for target metals were compliant with percent differences (%D) less than 10% with the exception of manganese (10.3%D) during the ICP serial dilution analysis associated with samples AOC5SW07, 26, AOC5HP01, 3, 4, and AOC5GW1. Therefore, positive manganese results greater than 8.7 µg/L (ten times the instrument detection limit) for these samples were considered estimated and qualified "J".

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals data presented by STL were 100% complete and all data were considered valid and usable. The validated metals laboratory data are tabulated and presented in Attachment A-1.

It was noted that groundwater sample AOC5GW1 was received by the laboratory with a shipping cooler temperature of 16°C (60.8°F). Therefore, all results for this sample were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

2.2 SURFACE SOIL AND SEDIMENT

Data review has been completed for data packages generated by STL containing surface soil and sediment samples collected from the Voorheesville site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.2-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-2.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.2.1 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of matrix spike recoveries, laboratory duplicate precision, and ICP serial dilution.

Matrix Spike Recoveries

All the MS recoveries were within the 75-125% control limits and have concentrations less than four times the spiking concentration, with the exception of the recoveries for antimony (42.1% and 49%) associated with soil samples collected 7/19/00 through 8/8/00; and barium (-77.5% and –66.6%), chromium (206.9%), magnesium

(132.7%), manganese (216.6%), and zinc (670.4%) associated with soil samples collected on 8/15/00 through 8/17/00. All sample results for those analytes where recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ". Positive sample results for those analytes where recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J".

Laboratory Duplicate Precision

The laboratory duplicate precision results were compliant and within QC acceptance limits with the exception of chromium, manganese, and zinc which had laboratory duplicate precision results of 59.4% RPD, 71.7% RPD, and 145.9% RPD, respectively, associated with soil samples collected on 8/15/00 through 8/17/00. Therefore, since precision results exceeded 50% RPD, the chromium, manganese, and zinc results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

ICP Serial Dilution

QC serial dilution results for target metals were compliant with %Ds less than 10% except for beryllium (11.7%D) associated with soil samples collected on 7/19/00 through 8/8/00; and chromium (12.6%D) and lead (13%D) associated with samples collected on 8/15/00 and 8/17/00. Therefore, positive beryllium, chromium, and lead results greater than 0.071, 1.0, and 1.9 mg/kg (ten times the instrument detection limit), respectively, for these samples were considered estimated and qualified "J".

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals data presented by STL were 100% complete and all metals data were considered valid and usable. The validated metals laboratory data are tabulated and presented in Attachment A-2.

It was noted that sediment samples AOC5SD1, 2, 3, 4, 5, and 6; and surface soil samples AOC5SS8 and 9 were received by the laboratory with a shipping cooler temperature of 16°C (60.8°F). Therefore, all results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

It was also noted that sediment samples AOC5SD7 (28.6%) and 9 (26.8%) contained percent solids less than 50% (i.e., the sample contained mostly water). Therefore, all results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY

WATER - VOORHEESVILLE

SAMPLE ID	MATRIX	SAMPLE DATE	METALS	HARDNESS
SW-1	WATER	6/2/00	OK(1)	OK
SW-13	WATER	6/2/00	OK(1)	OK
SW-2	WATER	6/2/00	OK	OK
SW-3	WATER	6/2/00	OK(1)	OK
SW-4	WATER	6/2/00	OK	OK
SW-5	WATER	6/2/00	OK(1)	OK
SW-6	WATER	6/2/00	OK(1)	OK
AOC5SW7	WATER	7/19/00	OK(1)	OK
AOC5SW26	WATER	7/19/00	OK(1)	OK
AOC5SW9	WATER	8/17/00	OK	OK
AOC5SW10	WATER	8/17/00	OK	OK
AOC5SW11	WATER	8/17/00	OK	OK
AOC5SW12	WATER	8/17/00	OK	OK
AOC5HP01	WATER	8/3/00	OK	
AOC5HP03	WATER	8/2/00	OK	
AOC5HP04	WATER	8/2/00	OK	
AOC5GW1	WATER	8/8/00	OK	
TOTAL SAMPLES:			17	13

NOTES: OK - Sample analysis considered valid and usable.

(1) - Sample analysis includes total and filtered metals.

TABLE 2.2-1
SUMMARY OF SAMPLE ANALYSES AND USABILITY
SOIL – VOORHEESVILLE

SAMPLE ID	MATRIX	SAMPLE DATE	METALS
AOC5SD26	Soil	7/19/00	OK
AOC5SD7	Soil	7/19/00	OK
AOC5SD8	Soil	7/20/00	OK
AOC5SD1	Soil	8/8/00	OK
AOC5SD2	Soil	8/8/00	OK
AOC5SD3	Soil	8/8/00	OK
AOC5SD4	Soil	8/8/00	OK
AOC5SD5	Soil	8/8/00	OK
AOC5SD6	Soil	8/8/00	OK
AOC5SS8	Soil	8/8/00	OK
AOC5SS9	Soil	8/8/00	OK
AOC5HP02N	Soil	8/2/00	OK
AOC5HP03	Soil	8/2/00	OK
AOC5HP04	Soil	8/2/00	OK
AOC5HP01B	Soil	8/15/00	OK
AOC5SD9	Soil	8/17/00	OK
AOC5SD10	Soil	8/17/00	OK
AOC5SD11	Soil	8/17/00	OK
AOC5SD12	Soil	8/17/00	OK
AOC5SS01A	Soil	8/15/00	OK
AOC5SS01A2	Soil	8/15/00	OK
AOC5SS02A	Soil	8/15/00	OK
AOC5SS02A2	Soil	8/15/00	OK
AOC5SS03A	Soil	8/15/00	OK
AOC5SS03A2	Soil	8/15/00	OK
AOC5SS04A	Soil	8/15/00	OK
AOC5SS04A2	Soil	8/15/00	OK
AOC5SS05A	Soil	8/15/00	OK
AOC5SS05A2	Soil	8/15/00	OK
AOC5SS06A	Soil	8/15/00	OK
AOC5SS06B	Soil	8/15/00	OK
AOC5SS07A	Soil	8/15/00	OK
AOC5SS07A2	Soil	8/15/00	OK
		TOTAL SAMPLES	33

NOTES: OK – Sample analysis considered valid and usable.

ATTACHMENT A

VALIDATED LABORATORY DATA

ATTACHMENT A-1

VALIDATED LABORATORY DATA FOR GROUNDWATER AND SURFACE WATER

Voorheesville Depot Focused SI and Phase II Site Assessment Validated Water Data August 2000 Sampling SDG: SADVA15		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	A0C5-SW9 COH180277-001 STL Pittsburgh SADVA15 Water 8/17/2000 9/28/2000	A0C5-SW10 COH180277-002 STL Pittsburgh SADVA15 Water 8/17/2000 9/28/2000	A0C5-SW11 COH180277-003 STL Pittsburgh SADVA15 Water 8/17/2000 9/28/2000	A0C5-SW12 COH180277-004 STL Pittsburgh SADVA15 Water 8/17/2000 9/28/2000
CAS NO.	COMPOUND	UNITS:				
	METALS					
7429-90-5	Aluminum	ug/L	46.1 J	80.4 J	248	35.6 J
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.5 U
7440-38-2	Arsenic	ug/L	2.6 U	2.6 U	2.6 U	2.6 U
7440-39-3	Barium	ug/L	31.8 J	30.7 J	32.6 J	24.6 J
7440-41-7	Beryllium	ug/L	0.13 J	0.071 U	0.11 J	0.08 J
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.49 U
7440-70-2	Calcium	ug/L	117000	92300	97200	94300
7440-47-3	Chromium	ug/L	1.5 J	2.4 J	8.7 J	1.6 J
7440-48-4	Cobalt	ug/L	3.2 U	3.2 U	3.2 U	3.2 U
7440-50-8	Copper	ug/L	6.4 J	2.4 J	8.5 J	4 J
7439-89-6	Iron	ug/L	419	1450	502	290
7439-92-1	Lead	ug/L	1.9 U	1.9 U	2.4 J	1.9 U
7439-95-4	Magnesium	ug/L	25100	20600	21200	20600
7439-96-5	Manganese	ug/L	624	881	373	608
7439-97-6	Mercury	ug/L	0.045 U	0.045 U	0.045 U	0.045 U
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	6.1 U	6.1 U
7440-09-7	Potassium	ug/L	4230 J	3790 J	3810 J	3740 J
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	2.1 U	2.1 U
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U
7440-23-5	Sodium	ug/L	41900	42200	33200	40300
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U
7440-62-2	Vanadium	ug/L	3.4 J	3.5 J	1.8 U	1.8 U
7440-66-6	Zinc	ug/L	13.4 J	18.1 J	29	13.3 J
	OTHER					
Q356	Hardness, as CaCO3	mg/L	330	391	309	309

USACE Voorheesville Site Validated Surface Water Analytical Data Lot Number: C0F050111		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	SW-1 DE68H/F STL C0F050111 WATER 6/2/2000 7/20/2000	SW-13 DE68X/F STL C0F050111 WATER 6/2/2000 7/20/2000	SW-2 DE68P STL C0F050111 WATER 6/2/2000 7/20/2000	SW-3 DEQ/F STL C0F050111 WATER 6/2/2000 7/20/2000	SW-4 DE68R STL C0F050111 WATER 6/2/2000 7/20/2000	SW-5 DE68T/F STL C0F050111 WATER 6/2/2000 7/20/2000	SW-6 DE68V/F STL C0F050111 WATER 6/2/2000 7/20/2000
Casno	Compound	Units							
	METALS								
7429-90-5	Aluminum	ug/L	316 J	13600 J	528 J	212 J	21500 J	34300 J	30200 J
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
7440-38-2	Arsenic	ug/L	2.6 U	10.9	2.6 U	2.6 U	11.5	14.1	13.5
7440-39-3	Barium	ug/L	36.7 J	103 J	61.6 J	21.1 J	131 J	184 J	205
7440-41-7	Beryllium	ug/L	0.12 J	0.67 J	0.071 U	0.71 U	1.1 J	1.5 J	1.2 J
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
7440-70-2	Calcium	ug/L	93500	31600	425000	60100	69700	35300	64600
7440-47-3	Chromium	ug/L	1 U	18.5	1 U	1 U	38.4	44.4	35.1
7440-48-4	Cobalt	ug/L	3.2 U	12.2 J	3.2 U	3.2 U	16.4 J	23.6 J	17.6 J
7440-50-8	Copper	ug/L	3.2 J	35.3	4.6 J	4.3 J	78.2	79.1	80.4
7439-89-6	Iron	ug/L	335	27700	1150	626	36300	50700	41700
7439-92-1	Lead	ug/L	1.9 U	30.1	1.9 U	1.9 U	47.4	57.1	40.9
7439-95-4	Magnesium	ug/L	32600	9040	179000	16600	17100	13300	17200
7439-96-5	Manganese	ug/L	78.4	934	108	117	1430	1800	981
7439-97-6	Mercury	ug/L	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.096 J	0.081 J
7440-02-0	Nickel	ug/L	6.1 U	23.7 J	6.1 U	6.1 U	40.1	47.7	39.2 J
7440-09-7	Potassium	ug/L	3560 J	12900	11500	3330 J	7590	18500	24600
7782-49-2	Selenium	ug/L	2.1 U	3.1 J	2.1 U	2.1 U	2.1 U	4.4 J	6.2
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U
7440-23-5	Sodium	ug/L	126000	19700	150000	47000	2420 J	64800	88100
7440-28-0	Thallium	ug/L	6.1 J	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	4.3 J
7440-62-2	Vanadium	ug/L	2.6 J	24.9 J	5.3 J	1.8 U	38.2 J	55.4	49.1 J
7440-66-6	Zinc	ug/L	10.1 J	119	13 J	8.6 J	339	390	264
	FILTERED METALS								
7429-90-5	Aluminum-DISS	ug/L	204 J	3130 J		39.2 J		7400 J	7210 J
7440-36-0	Antimony-DISS	ug/L	1.5 U	1.5 U		1.5 U		1.5 U	1.5 U
7440-38-2	Arsenic-DISS	ug/L	2.6 U	3.5 J		2.6 U		5.7 J	7.2 J
7440-39-3	Barium-DISS	ug/L	36.7 J	35.3 J		18.7 J		50.4 J	76.7 J
7440-41-7	Beryllium-DISS	ug/L	0.071 U	0.13 J		0.071 U		0.26 J	0.32 J
7440-43-9	Cadmium-DISS	ug/L	0.49 U	0.49 U		1 J		0.49 U	0.49 U
7440-70-2	Calcium-DISS	ug/L	93400	24900		59500		27300	58000
7440-47-3	Chromium-DISS	ug/L	1.1 J	4.4 J		1 U		9.6 J	8.1 J
7440-48-4	Cobalt-DISS	ug/L	3.2 U	3.2 U		3.2 U		4.8 J	6.8 J
7440-50-8	Copper-DISS	ug/L	3.6 J	14.8 J		3.8 J		30	41
7439-89-6	Iron-DISS	ug/L	254	6220		239		9640	9280
7439-92-1	Lead-DISS	ug/L	2.3 J	6.7		1.9 U		10	9.8
7439-95-4	Magnesium-DISS	ug/L	32600	5340		16700		6150	10600
7439-96-5	Manganese-DISS	ug/L	77.2	287		42.3		606	473
7439-97-6	Mercury-DISS	ug/L	0.045 U	0.045 U		0.045 U		0.045 U	0.045 U
7440-02-0	Nickel-DISS	ug/L	6.1 U	6.1 U		6.1 U		11.7 J	11.1 J
7440-09-7	Potassium-DISS	ug/L	3360 J	11000		3610 J		14500	22600
7782-49-2	Selenium-DISS	ug/L	2.1 U	2.1 U		2.1 U		2.1 U	4.4 J
7440-22-4	Silver-DISS	ug/L	0.94 U	1.2 J		0.94 U		0.94 U	0.94 U
7440-23-5	Sodium-DISS	ug/L	128000	19100		48000		67300	93300
7440-28-0	Thallium-DISS	ug/L	3.9 U	3.9 U		3.9 U		3.9 U	4.3 J
7440-62-2	Vanadium-DISS	ug/L	2.4 J	8.6 J		1.8 U		11.1 J	12.7 J
7440-66-6	Zinc-DISS	ug/L	7.3 J	36.5		9.4 J		88.7	89.1
	OTHER								
Q356	Hardness, as CaCO3	mg/L	374	133	1980	227	277	358	314

Voorheesville Depot Focused SI and Phase II Site Assessment Validated Water Data July & August 2000 Sampling SDG: SADVA3			Unfiltered	Filtered	Unfiltered	Filtered				
		SAMPLE ID:	A0C5SW07	A0C5SW07	A0C5SW26	A0C5SW26	AOC5GW1	AOC5HP01	AOC5HP03	AOC5HP04
		LAB ID:	COG200284-002	COG200284-002F	COG200284-001	COG200284-001F	COH090138-001	COH040185-001	COH030319-001	COH030319-002
		SOURCE:	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh
		SDG:	SADVA3	SADVA3	SADVA3	SADVA3	SADVA3	SADVA3	SADVA3	SADVA3
		MATRIX:	Water	Water	Water	Water	Water	Water	Water	Water
		SAMPLED:	7/19/2000	7/19/2000	7/19/2000	7/19/2000	8/8/2000	8/3/2000	8/2/2000	8/2/2000
		VALIDATED:	9/27/2000	9/27/2000	9/27/2000	9/27/2000	9/27/2000	9/27/2000	9/27/2000	9/27/2000
CAS NO.	COMPOUND	UNITS:								
	METALS									
7429-90-5	Aluminum	ug/L	200 J	73 J	182 J	86.1 J	78.5 J	1840 J	5010 J	1170 J
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.6 J	1.5 UJ	1.5 U	19.9 J	5.4 J
7440-38-2	Arsenic	ug/L	2.6 U	2.6 U	2.6 U	2.6 U	2.6 UJ	8.6 J	14	5.7 J
7440-39-3	Barium	ug/L	19.5 J	20.9 J	27.8 J	31.5 J	75.7 J	55.9 J	133 J	56.4 J
7440-41-7	Beryllium	ug/L	0.071 U	0.09 J	0.071 U	0.071 U	0.09 J	0.16 J	0.35 J	0.16 J
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.52 J	0.49 UJ	0.49 U	0.49 U	0.49 U
7440-70-2	Calcium	ug/L	48600	51100	89100	91000	1370 J	63900	196000	236000
7440-47-3	Chromium	ug/L	1.1 J	3.8 J	1 U	8 J	1 UJ	3.8 J	7.3 J	2 J
7440-48-4	Cobalt	ug/L	1 U	3.2 U	3.2 U	3.2 U	3.2 UJ	3.2 U	3.2 U	3.2 U
7440-50-8	Copper	ug/L	3.2 U	12.6 J	2.2 U	8.6 J	22.2 J	2.2 U	2.2 U	2.2 U
7439-89-6	Iron	ug/L	317	161	348	208	1270 J	2590	6760	1550
7439-92-1	Lead	ug/L	1.9 U	2 J	1.9 U	1.9 J	1.9 UJ	15.8	4.6	1.9 U
7439-95-4	Magnesium	ug/L	10900	11500	18300	18700	240 J	6630	50600	55200
7439-96-5	Manganese	ug/L	101 J	21.8 J	125 J	68.8 J	59.1 J	1290 J	207 J	512 J
7439-97-6	Mercury	ug/L	0.045 U	0.045 U	0.045 U	0.071 J	0.07 J	0.055 J	0.056 J	0.045 U
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	6.1 U	6.1 U	6.1 UJ	6.1 U	14.7 J	6.1 U
7440-09-7	Potassium	ug/L	3210 J	3350 J	3310 J	3410 J	3410 J	10500	45000	26400
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	2.4 J	2.1 U	2.1 UJ	2.1 U	2.6 J	2.1 U
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U	0.94 UJ	0.94 U	0.94 U	0.94 U
7440-23-5	Sodium	ug/L	27000	32800	20800	31000	432000 J	720000	21800	32000
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	7.8 J	3.9 U	3.9 U	3.9 U
7440-62-2	Vanadium	ug/L	2.6 J	1.8 U	3.5 J	2.6 J	1.8 UJ	6.1 J	14.3 J	5 J
7440-66-6	Zinc	ug/L	12.6 J	41.4	11 J	21.7	87.1 J	16.2 J	20.2	35.3
	OTHER									
Q356	Hardness, as CaCO3	mg/L	156		288					

ATTACHMENT A-2

VALIDATED LABORATORY DATA FOR SURFACE SOIL AND SEDIMENT

Voorheesville Depot Focused SI and Phase II Site Assessment Validated Soil Data August 2000 Sampling SDG: SADVA4		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC5HP02N COH040184-001 STL Pittsburgh SADVA4 Soil 8/2/2000 9/27/2000	AOC5HP03 COH030324-001 5-7' STL Pittsburgh SADVA4 Soil 8/2/2000 9/27/2000	AOC5HP04 COH030324-002 5-7' STL Pittsburgh SADVA4 Soil 8/2/2000 9/27/2000	AOC5SD1 COH090139-001 STL Pittsburgh SADVA4 Soil 8/8/2000 9/27/2000	AOC5SD2 COH090139-002 STL Pittsburgh SADVA4 Soil 8/8/2000 9/27/2000	AOC5SD3 COH090139-005 STL Pittsburgh SADVA4 Soil 8/8/2000 9/27/2000	AOC5SD4 COH090139-008 STL Pittsburgh SADVA4 Soil 8/8/2000 9/27/2000	AOC5SD5 COH090139-007 STL Pittsburgh SADVA4 Soil 8/8/2000 9/27/2000
CAS NO.	COMPOUND	UNITS:								
	METALS									
7429-90-5	Aluminum	mg/kg	13600	14100	15700	6000 J	13500 J	5670 J	16600 J	14800 J
7440-36-0	Antimony	mg/kg	0.15 UJ	0.17 UJ	0.23 J	0.19 UJ	0.34 J	0.21 UJ	0.19 UJ	0.3 J
7440-38-2	Arsenic	mg/kg	10.5	11.4	13.3	3.2 J	7.8 J	3 J	9.5 J	12.9 J
7440-39-3	Barium	mg/kg	66.9	73.7	77.4	31.9 J	246 J	28 J	80.8 J	39.8 J
7440-41-7	Beryllium	mg/kg	0.75 J	0.8 J	0.98 J	0.32 J	0.72 J	0.29 J	0.98 J	0.99 J
7440-43-9	Cadmium	mg/kg	0.25 J	0.41 J	0.19 J	0.12 J	0.27 J	0.1 J	0.34 J	0.33 J
7440-70-2	Calcium	mg/kg	17400	18300	16700	2340 J	9130 J	1910 J	4890 J	1390 J
7440-47-3	Chromium	mg/kg	22.7	23.2	24.6	7 J	17.2 J	5.9 J	23.3 J	22.2 J
7440-48-4	Cobalt	mg/kg	20.3	20.7	22.1	4.8 J	14.6 J	4.1 J	18.4 J	23.5 J
7440-50-8	Copper	mg/kg	41.5	47.2	42.6	15.4 J	60.3 J	11.2 J	38.7 J	43.7 J
7439-89-6	Iron	mg/kg	38400	39300	42900	12300 J	25600 J	10900 J	39500 J	42700 J
7439-92-1	Lead	mg/kg	18.9	27.7	34.9	10.3 J	29.3 J	10.3 J	20 J	22.2 J
7439-95-4	Magnesium	mg/kg	10400	10200	11200	1800 J	4970 J	1240 J	6830 J	7020 J
7439-96-5	Manganese	mg/kg	636	731	700	173 J	590 J	107 J	1020 J	710 J
7439-97-6	Mercury	mg/kg	0.073	0.073	0.051	0.043 J	0.13 J	0.059 J	0.054 J	0.091 J
7440-02-0	Nickel	mg/kg	44	46.1	46.8	7.1 J	28.9 J	6.5 J	37.2 J	42.8 J
7440-09-7	Potassium	mg/kg	1570	1810	2320	437 J	1290 J	352 J	1290 J	1060 J
7782-49-2	Selenium	mg/kg	0.21 U	0.47 J	0.28 U	0.27 UJ	0.35 UJ	0.3 UJ	0.43 J	0.23 UJ
7440-22-4	Silver	mg/kg	0.18 J	0.16 J	0.19 J	0.5 J	2.3 J	0.2 J	0.21 J	0.17 J
7440-23-5	Sodium	mg/kg	586	108 J	144 J	108 J	228 J	101 J	78.3 J	58.9 J
7440-28-0	Thallium	mg/kg	0.4 U	0.45 U	0.51 U	0.5 UJ	1 J	0.56 UJ	0.52 UJ	0.43 UJ
7440-62-2	Vanadium	mg/kg	21.6	22.5	24.4	12.7 J	24.2 J	12.3 J	29.8 J	23.9 J
7440-66-6	Zinc	mg/kg	85.1	109	90.4	33.4 J	100 J	28.6 J	121 J	111 J
	OTHER									
Q1082	Percent Solids	%	98.1	86.8	75.7	78	60	69.1	75.4	90.1

Voorheesville Depot Focused SI and Phase II Site Assessment Validated Soil Data August 2000 Sampling SDG: SADVA4		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC5SD6 COH090139-006 STL Pittsburgh SADVA4 Soil 8/8/2000 9/27/2000	A0C5SD7 COG200286-002 STL Pittsburgh SADVA4 Soil 7/19/2000 9/27/2000	AOC5SD8 COG210262-001 STL Pittsburgh SADVA4 Soil 7/20/2000 9/27/2000	A0C5SD26 COG200286-001 STL Pittsburgh SADVA4 Soil 7/19/2000 9/27/2000	AOC5SS8 COH090139-003 STL Pittsburgh SADVA4 Soil 8/8/2000 9/27/2000	AOC5SS9 COH090139-004 STL Pittsburgh SADVA4 Soil 8/8/2000 9/27/2000
CAS NO.	COMPOUND	UNITS:						
	METALS							
7429-90-5	Aluminum	mg/kg	13600 J	13900 J	16000	14800	12000 J	12200 J
7440-36-0	Antimony	mg/kg	0.24 J	0.73 J	0.21 UJ	0.26 UJ	0.19 J	0.17 UJ
7440-38-2	Arsenic	mg/kg	21.2 J	27.2 J	11.5	6.2	8.9 J	7.4 J
7440-39-3	Barium	mg/kg	98.7 J	101 J	74.5	84	63.7 J	71.9 J
7440-41-7	Beryllium	mg/kg	0.78 J	0.98 J	0.86 J	0.9 J	0.72 J	0.8 J
7440-43-9	Cadmium	mg/kg	0.68 J	0.83 J	0.5 J	0.34 J	0.25 J	0.29 J
7440-70-2	Calcium	mg/kg	4090 J	6440 J	25100	4760	5600 J	3000 J
7440-47-3	Chromium	mg/kg	21.1 J	220 J	27	22.3	19.1 J	18.5 J
7440-48-4	Cobalt	mg/kg	17 J	26.2 J	22.3	15.8	14.9 J	14 J
7440-50-8	Copper	mg/kg	36.2 J	157 J	121	43.4	28.7 J	27.1 J
7439-89-6	Iron	mg/kg	31100 J	46800 J	44500	31800	30200 J	29100 J
7439-92-1	Lead	mg/kg	42.3 J	66.5 J	112	34.4	74.5 J	83.3 J
7439-95-4	Magnesium	mg/kg	5520 J	7640 J	14000	5570	5270 J	4400 J
7439-96-5	Manganese	mg/kg	880 J	947 J	885	538	672 J	610 J
7439-97-6	Mercury	mg/kg	0.048 J	0.078 J	0.058	0.061	0.12 J	0.062 J
7440-02-0	Nickel	mg/kg	27.8 J	44.3 J	50.3	32.5	26.6 J	22 J
7440-09-7	Potassium	mg/kg	1570 J	2250 J	1840	1430	1230 J	1150 J
7782-49-2	Selenium	mg/kg	0.27 UJ	0.73 UJ	0.3 U	0.37 U	0.23 UJ	0.3 J
7440-22-4	Silver	mg/kg	0.21 J	0.33 UJ	0.14 J	0.17 U	0.15 J	0.11 J
7440-23-5	Sodium	mg/kg	185 J	310 J	161 J	135 J	56.4 J	67.5 J
7440-28-0	Thallium	mg/kg	0.49 UJ	1.4 UJ	0.55 U	0.68 U	0.42 UJ	0.45 UJ
7440-62-2	Vanadium	mg/kg	27.7 J	34.7 J	26.8	25.3	21.4 J	23.5 J
7440-66-6	Zinc	mg/kg	556 J	791 J	689	139	97.9 J	95 J
	OTHER							
Q1082	Percent Solids	%	78.7	28.6	70.2	57	92.4	85.6

Voorheesville Depot Focused SI and Phase II Site Assessment Validated Soil Data August 2000 Sampling SDG: SADVA12		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC5-HP01B COH160192-015 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SD9 COH180273-001 STL Pittsburgh SADVA12 Soil 8/17/2000 9/28/2000	AOC5-SD10 COH180273-002 STL Pittsburgh SADVA12 Soil 8/17/2000 9/28/2000	AOC5-SD11 COH180273-003 STL Pittsburgh SADVA12 Soil 8/17/2000 9/28/2000	AOC5-SD12 COH180273-004 STL Pittsburgh SADVA12 Soil 8/17/2000 9/28/2000	AOC5-SS01A COH160192-001 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS01A2 COH160192-002 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS02A COH160192-003 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000
CAS NO.	COMPOUND	UNITS:								
	METALS									
7429-90-5	Aluminum	mg/kg	12700	14100 J	11000	11400	10000	3940	13500	626
7440-36-0	Antimony	mg/kg	0.37 J	1.2 J	0.82 J	0.57 J	0.19 U	0.25 J	0.23 J	0.18 J
7440-38-2	Arsenic	mg/kg	8.4	11.4 J	9.9	8.2	7.3	6.7	11	4.3
7440-39-3	Barium	mg/kg	74.1 J	59.8 J	70.6 J	62.3 J	47.4 J	420 J	177 J	45.5 J
7440-41-7	Beryllium	mg/kg	0.8	0.92 J	0.68 J	0.65	0.55 J	0.26 J	0.72	0.18 J
7440-43-9	Cadmium	mg/kg	0.62	1.2 J	0.95	0.55 J	0.47 J	0.27 J	0.71	0.38 J
7440-70-2	Calcium	mg/kg	4660	35000 J	14600	3530	52200	102000	11400	235000
7440-47-3	Chromium	mg/kg	20.1 J	90.3 J	42.7 J	34.1 J	18.9 J	7.8 J	20.1 J	4.8 J
7440-48-4	Cobalt	mg/kg	15.9	18.3 J	15.5	15.5	12.1	6.6	22.7	2.1 J
7440-50-8	Copper	mg/kg	31.2	158 J	90.2	42.1	35	18.8	51.9	7.1
7439-89-6	Iron	mg/kg	29800	34400 J	26500	30200	25700	9760	39000	4990
7439-92-1	Lead	mg/kg	265 J	126 J	141 J	90 J	34.8 J	17.8 J	23.5 J	30.1 J
7439-95-4	Magnesium	mg/kg	4770 J	19800 J	10300 J	6750 J	7300 J	4570 J	9510 J	64500 J
7439-96-5	Manganese	mg/kg	813 J	478 J	1120 J	641 J	586 J	109 J	712 J	140 J
7439-97-6	Mercury	mg/kg	0.13	0.11 J	0.051 J	0.05	0.04 J	0.011 J	2.6	0.0088 U
7440-02-0	Nickel	mg/kg	23.1	59.9 J	29.6	31.5	26.2	11	51.4	3.3 J
7440-09-7	Potassium	mg/kg	885	2480 J	1650	1240	1100	634	1400	298 J
7782-49-2	Selenium	mg/kg	0.71	2 J	1.1	0.82	0.41 J	0.46 J	0.83	0.25 U
7440-22-4	Silver	mg/kg	0.25 J	0.35 UJ	0.43 J	0.19 J	0.13 U	0.1 U	0.23 J	0.11 U
7440-23-5	Sodium	mg/kg	141 J	346 J	130 J	122 J	116 J	129 J	89.7 J	158 J
7440-28-0	Thallium	mg/kg	0.47 U	1.5 UJ	0.72 U	0.5 U	0.52 U	0.42 U	0.57 J	0.46 U
7440-62-2	Vanadium	mg/kg	22	33.5 J	23.7	20.3	18.2	5.7	21	5 J
7440-66-6	Zinc	mg/kg	117 J	516 J	409 J	147 J	108 J	94.7 J	79.5 J	575 J
	OTHER									
Q1082	Percent Solids	%	82.5	26.8	53.6	77.4	74.9	92.4	92.3	85.2

Voorheesville Depot Focused SI and Phase II Site Assessment Validated Soil Data August 2000 Sampling SDG: SADVA12		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC5-SS02A2 COH160192-004 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS03A COH160192-005 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS03A2 COH160192-006 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS04A COH160192-009 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS04A2 COH160192-010 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS05A COH160192-011 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS05A2 COH160192-012 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS06A COH160192-013 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000
CAS NO.	COMPOUND	UNITS:								
	METALS									
7429-90-5	Aluminum	mg/kg	12900	1960	13200	2340	15400	2400	14700	12700
7440-36-0	Antimony	mg/kg	0.16 U	1.6 J	0.22 J	4 J	0.35 J	0.24 J	0.48 J	0.16 U
7440-38-2	Arsenic	mg/kg	10.6	7.6	9	11.8	10	1 J	9.6	9.6
7440-39-3	Barium	mg/kg	37.5 J	54.3 J	38.2 J	32.2 J	74.2 J	12.7 J	138 J	69.7 J
7440-41-7	Beryllium	mg/kg	0.66	0.28 J	0.68	0.21 J	0.81	0.15 J	0.78	0.7
7440-43-9	Cadmium	mg/kg	0.63	1 J	0.74	2.4 J	0.73	0.1 J	0.53 J	0.47 J
7440-70-2	Calcium	mg/kg	14700	240000	20500	95300	14500	5590	9210	36500
7440-47-3	Chromium	mg/kg	20.4 J	13.6 J	22.2 J	403 J	24.1 J	49.9 J	23.1 J	20.6 J
7440-48-4	Cobalt	mg/kg	18.1	8.9	19.8	25.9	21.6	2.7 J	22.1	16.3
7440-50-8	Copper	mg/kg	43.2	815	46.5	804	47.3	5.1	35.7	57.2
7439-89-6	Iron	mg/kg	36900	67500	33600	176000	39500	7510	37700	31800
7439-92-1	Lead	mg/kg	19.6 J	80.8 J	16.7 J	61.1 J	24.6 J	5.4 J	17.8 J	26.4 J
7439-95-4	Magnesium	mg/kg	9480 J	57500 J	10600 J	35700 J	11700 J	2530 J	9520 J	17700 J
7439-96-5	Manganese	mg/kg	591 J	645 J	669 J	1660 J	703 J	78.6 J	602 J	583 J
7439-97-6	Mercury	mg/kg	0.079	0.0098 U	0.034 J	0.0094 J	0.058	0.0096 U	0.037	0.052
7440-02-0	Nickel	mg/kg	42.3	9.6	40.5	158	47.4	4.3 J	45.5	36.1
7440-09-7	Potassium	mg/kg	1200	460 J	1560	475 J	1660	285 J	1610	1740
7782-49-2	Selenium	mg/kg	0.71	0.54 U	0.82	1.7 J	0.68	0.3 J	0.9	0.23 U
7440-22-4	Silver	mg/kg	0.21 J	0.2 J	0.18 J	0.69 J	0.22 J	0.12 U	0.18 J	0.21 J
7440-23-5	Sodium	mg/kg	87.6 J	181 J	108 J	83.2 J	102 J	60.8 J	92.8 J	111 J
7440-28-0	Thallium	mg/kg	0.5 J	1 U	0.42 U	2.2 U	0.62 J	0.49 U	0.42 U	0.42 U
7440-62-2	Vanadium	mg/kg	19.8	7.6	20.9	14.8	22.9	8	22.4	20.5
7440-66-6	Zinc	mg/kg	79.5 J	1140 J	94.1 J	2310 J	101 J	28.9 J	82.7 J	91.6 J
	OTHER									
Q1082	Percent Solids	%	93	76.9	93.2	88.4	93.1	78.6	92.8	92.3

Voorheesville Depot Focused SI and Phase II Site Assessment Validated Soil Data August 2000 Sampling SDG: SADVA12		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC5-SS06B COH160192-014 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS07A COH160192-007 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000	AOC5-SS07A2 COH160192-008 STL Pittsburgh SADVA12 Soil 8/15/2000 9/28/2000
CAS NO.	COMPOUND	UNITS:			
	METALS				
7429-90-5	Aluminum	mg/kg	12400	2910	14100
7440-36-0	Antimony	mg/kg	1 J	0.48 J	0.39 J
7440-38-2	Arsenic	mg/kg	13.5	6.8	9.8
7440-39-3	Barium	mg/kg	52.9 J	83.5 J	97.3 J
7440-41-7	Beryllium	mg/kg	0.68	0.24 J	0.77
7440-43-9	Cadmium	mg/kg	0.76 J	0.58	0.72
7440-70-2	Calcium	mg/kg	31600	158000	14300
7440-47-3	Chromium	mg/kg	23.1 J	164 J	22.7 J
7440-48-4	Cobalt	mg/kg	23.1	5.3 J	21.5
7440-50-8	Copper	mg/kg	44.8	703	75.1
7439-89-6	Iron	mg/kg	65300	11500	36800
7439-92-1	Lead	mg/kg	72.1 J	314 J	24.8 J
7439-95-4	Magnesium	mg/kg	15200 J	50800 J	9550 J
7439-96-5	Manganese	mg/kg	767 J	222 J	1130 J
7439-97-6	Mercury	mg/kg	0.051	0.0083 U	0.069
7440-02-0	Nickel	mg/kg	41.7	9.9	46.2
7440-09-7	Potassium	mg/kg	1460	564	1760
7782-49-2	Selenium	mg/kg	1.2	0.23 U	1.1
7440-22-4	Silver	mg/kg	0.22 J	0.22 J	0.27 J
7440-23-5	Sodium	mg/kg	107 J	133 J	97.1 J
7440-28-0	Thallium	mg/kg	0.84 U	0.43 U	0.84 U
7440-62-2	Vanadium	mg/kg	19.8	7.9	21.6
7440-66-6	Zinc	mg/kg	403 J	1020 J	121 J
	OTHER				
Q1082	Percent Solids	%	92.2	90.9	92.8

DATA USABILITY SUMMARY REPORT

DLA/DNSC SCHENECTADY ARMY DEPOT

Prepared For:

UNITED STATES ARMY CORPS OF ENGINEERS

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FEBRUARY 2001

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SECTION 1

DATA USABILITY SUMMARY

Groundwater, surface water, sediment, and soil samples collected from the Schenectady site in Schenectady, New York from July 13, 2000 through November 1, 2000 were validated and reviewed by Parsons (Maryanne Kosciewicz) for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP) dated September 1989 with October 1995 revisions, and
- USEPA Region II Standard Operating Procedures (SOP) in "CLP Organics Data Review and Preliminary Review," SOP No. HW-6, Revision #8, January 1992, and "Evaluation of Metals Data for the CLP Based on SOW 3/90," SOP No. HW-2, Revision #11, January 1992.

The analytical laboratory for this project was Severn Trent Laboratories, Inc. (STL).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 30 days on average for water and soil samples.

The data packages received from STL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports, which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

Water and soil samples were collected, properly preserved, shipped under a COC record, and received at STL within one to two days of sampling. All samples were received intact and in good condition at STL.

1.3 LABORATORY ANALYTICAL METHODS

Water and soil samples were collected from the Schenectady site and analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides and polychlorinated biphenyls (PCBs), and metals. Additionally, certain surface water samples were collected and analyzed for hardness; and certain soil and sediment samples were collected and analyzed for total organic carbon (TOC) and/or dioxins and furans. Summaries of issues concerning these laboratory analyses are

presented in Subsections 1.3.1 through 1.3.6. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by media in Attachment A.

1.3.1 Volatile Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for target compound list (TCL) VOCs using the NYSDEC ASP 8260B analytical method. Certain reported results for the TCL VOC samples were qualified as estimated due to noncompliant instrument calibrations and sample moisture content of certain sediment samples. Certain reported TCL VOC sample results were considered unusable and qualified "R" due to poor instrument calibration linearity. Therefore, the reported TCL VOC analytical results were 96.5% to 98.9% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.2 Semivolatile Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for TCL SVOCs using the NYSDEC ASP 8270C analytical method. Certain reported results for the TCL SVOC samples were qualified as estimated due to noncompliant sample holding times, sample result identifications, instrument calibrations, field duplicate precision, internal standard responses, and sample moisture content of certain sediment samples. However, the reported TCL SVOC analytical results were considered 100% complete with all data being usable and valid for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.3 Pesticide/PCB Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for TCL pesticide/PCBs using the NYSDEC ASP 8081A and 8082 analytical methods. Certain reported results for the TCL pesticide/PCB samples were qualified as estimated due to noncompliant instrument calibrations, sample result identifications, field duplicate precision, and sample moisture content of certain sediment samples. However, the reported pesticide/PCB analytical results were considered 100% complete (i.e.,

usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.4 Metals Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for target analyte list (TAL) metals using the NYSDEC ASP 6010B/7470A /7471A analytical methods. Certain reported results for the metals samples were qualified as estimated due to noncompliant matrix spike recoveries, field duplicate precision, laboratory duplicate precision, serial dilution, and sample moisture content of certain sediment samples. Certain reported TAL metals sample results were considered unusable and qualified "R" due to poor matrix spike recoveries. However, the reported TAL metals analytical results were 99.9% to 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.5 Dioxins/Furans Organic Analysis

Certain soil samples collected from the Schenectady site were analyzed by STL for dioxins and furans using the NYSDEC ASP 8290 analytical method. All calibrations, laboratory blanks, holding times, resolution checks, internal standard responses, laboratory control samples, matrix spikes, and duplicates were reviewed for compliance. Samples A0C2HP03A, 04A, 05A, 06A, 07A, 08A, and 09A were qualified as estimated ("J" or "UJ") due to sample moisture content (i.e., the sample contained percent solids less than 50%). However, the reported dioxin/furan analytical results were considered 100% complete (i.e., usable) for the soil data presented by STL. PARCC requirements were met overall.

1.3.6 TOC and Hardness Analysis

Certain sediment and soil samples collected from the Schenectady site were analyzed by STL for total organic carbon (TOC) using the USEPA approved Walkley-Black analytical method. Certain surface water samples collected from the Schenectady site were analyzed by STL for hardness using the NYSDEC ASP 130.2 analytical method. All calibrations, laboratory blanks, holding times, matrix spikes, duplicates, and control samples were reviewed for compliance. All of the analytical data for the TOC and hardness samples were considered usable and 100% complete for the data presented by STL and PARCC requirements were met overall.

SECTION 2

DATA VALIDATION REPORTS

2.1 GROUNDWATER AND SURFACE WATER

Data review has been completed for data packages generated by STL containing groundwater and surface water samples collected from the Schenectady site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-1.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 TCL Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank and trip blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination and initial and continuing calibrations.

Blank Contamination

The trip blank TB-10, which was designated for the Scotia Army Depot project but shipped to the laboratory with the Schenectady water samples A0C3MW-4-2 and A0C1PW-3, contained acetone at a concentration of 2.5 μg/L. Therefore, acetone results for these samples that were less than the validation action concentration of 25 μg/L were considered not detected and qualified "U".

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30% with the exception of those compounds summarized in Table 2.1-2. The sample results for these noncompliant compounds which were outside the 30% RSD limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent difference (%D) of ±25% with the exception of those compounds summarized in Table 2.1-3. The sample results for those noncompliant compounds which were outside the ±25% QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" in the affected samples. Positive sample results for those noncompliant compounds which were outside the RRF criteria were considered estimated and qualified "J" while nondetected results were considered unusable and qualified "R" for the affected samples.

Usability

All TCL volatile sample results were considered usable following data validation with the exception of certain nondetected 2-butanone results due to poor calibration linearity for this compound.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile data presented by STL were 98.9% complete. The validated volatile laboratory data are tabulated and presented in Attachment A-1.

2.1.2 TCL Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times

- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, MSB recoveries, initial and continuing calibrations, and field duplicate precision.

MS/MSD Precision and Accuracy

All of the MS/MSD precision results (relative percent differences; RPDs); and accuracy results (percent recoveries; %Rs) were within QC limits with the exception of MS/MSD recoveries for N-nitrosodi-n-propylamine (17%/16%; QC limit 18-115%R) during the spiked analyses of A0C3MW-1. Validation qualification was not warranted since all surrogate recoveries and internal standards were acceptable and within criteria for the unspiked sample A0C3MW-1. These noncompliances may be due to laboratory spiking errors since the laboratory QC MS/MSD recoveries for this compound were similar (17%/15%).

MSB Recoveries

All MSB recoveries were compliant and within QC acceptance limits with the exception of the high recovery for N-nitrosodi-n-propylamine (119%; QC limit 30-115%) associated with sample A0C8SW29. Validation qualification of this compound for this sample was not warranted since this compound was not detected.

Initial and Continuing Calibrations

All initial calibration compounds were compliant, with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of those compounds summarized in Table 2.1-4 which were outside the 30%RSD criteria. Therefore, sample results for these noncompliant compounds were

considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent difference (%D) of ±25%, with the exception of those compounds summarized in Table 2.1-5 which were outside the ± 25%D QC limit. The sample results for these noncompliant compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of bis(2-ethylhexyl) phthalate for the field duplicate pair A0C7-2AMW7 and MW17 which had a precision result of 128%RPD. Therefore, the positive bis(2-ethylhexyl)phthalate results for this duplicate pair were considered estimated and qualified "J".

Usability

All TCL semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The semivolatile data presented by STL were 100% complete with all data considered usable and valid. The validated semivolatile laboratory data are tabulated and presented in Attachment A-1.

2.1.3 TCL Pesticides/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Laboratory control sample/laboratory control sample duplicate (LCS/LCSD) precision and accuracy
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- Sample result verification and identification

- Initial calibrations
- Performance evaluation mixtures
- Verification calibrations
- Analytical sequence
- Cleanup efficiency
- Chromatogram quality
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of holding times, LCS/LCSD precision and accuracy, sample result identifications, and continuing calibrations.

LCS/LCSD Precision and Accuracy and Holding Times

All of the LCS/LCSD precision results (RPDs) and accuracy results (%Rs) were considered compliant and within QC acceptance limits during spiked analyses with the exception of the LCS/LCSD recoveries for heptachlor (51%/44%; QC limit 57-124%) and aldrin (54%/46%; QC limit 62-120%) and the LCSD recovery for gamma-BHC (44%; QC limit 49-137%) associated with samples A0C8SW15 and 16; and the noncompliant precision result for PCB-1016 (21%RPD; QC 0-20%RPD) associated with samples A0C1PW-3 and A0C3MW4-2. Samples A0C8SW15 and 16 were reextracted and reanalyzed, due to these noncompliances. However, the reextractions were three to five days outside the holding time required to be compliant with the LCS/LCSD precision and accuracy. Therefore, the reextracted results for samples A0C8SW15RE and 16RE were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ". However, original sample results for A0C8SW15 and 16 were reported on the validated laboratory data table presented in Attachment A-1 since only the nondetected results for heptachlor and aldrin were considered estimated and qualified "UJ" due to noncompliant LCS/LCSD recoveries. Validation qualification of samples A0C1PW-3 and A0C3MW4-2 was not warranted due to the noncompliant precision result.

Sample Result Identification

All positive sample results were confirmed present using second column confirmation and verified within retention time windows. The %Ds of the sample concentrations between the primary and confirmation columns were less than 25% with the exception of those %Ds identified in Table 2.1-6. Therefore, the positive results for these compounds for the affected samples were considered estimated and qualified "J"

where the %D was greater than 25%, but less than 50%. The positive results for those compounds for the affected samples where the %D was greater than 50% were considered estimated, tentatively identified, and qualified "JN".

Continuing Calibration

All continuing calibration verification compounds were compliant and within QC acceptance limits with the exception of beta-BHC (-25.6%D) which exceeded the ±25%D criteria in the continuing calibration associated with A0C3MW1. Therefore, the nondetected sample result for this noncompliant compound was considered estimated and qualified "UJ" for this sample.

Usability

All TCL pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The pesticide/ PCB data presented by STL were 100% complete and all data were considered usable and valid. The validated data are tabulated and presented in Attachment A-1.

2.1.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits

- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals data presented by STL were 100% complete and all data were considered valid and usable. The validated metals laboratory data are tabulated and presented in Attachment A-1.

2.2 SOIL AND SEDIMENT

Data review has been completed for data packages generated by STL containing soil and sediment samples collected from the Schenectady site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.2-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-2.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.2.1 TCL Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations

- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, blank contamination, and initial and continuing calibrations.

MS/MSD Precision and Accuracy

All MS/MSD precision results (RPDs) and accuracy results (%Rs) were considered compliant and within QC acceptance limits during spiked analyses with the exception of the MSD recovery for 1,1-dichloroethene (149%R; QC limit 43-147%R) and the MS/MSD precision result for benzene (26%RPD; QC limit 0-20%RPD) during the spiked analyses of A0C2HP18; and the MS/MSD precision results for trichloroethene (24%RPD; QC limit 0-23%RPD), benzene (24% RPD), and chlorobenzene (24%RPD; QC limit 0-22%RPD) during the spiked analyses of A0C2SD8. Validation qualification of the unspiked sample results for A0C2HP18 and SD8 were not warranted due to these noncompliances since sample surrogate recoveries and internal standard responses were compliant.

Blank Contamination

Laboratory method blanks associated with soil and sediment samples contained TCL VOCs at concentrations summarized in Table 2.2-2. Therefore, all associated sample results with concentrations of acetone greater than the validation action concentration were acceptable and reported unqualified. However, all associated sample results of acetone with concentrations less than the validation action concentration were considered not detected and qualified "U". As a result, the presence of acetone in these blanks may be indicative of volatile sample contamination from the laboratory. Sample results were qualified with a "B" by the laboratory for those cases where the associated laboratory method blank also contained the volatile target compound, and therefore was considered a laboratory artifact.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of those compounds summarized in Table 2.2-3. The sample results for those noncompliant compounds which were outside the 30% QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive sample results for those noncompliant compounds which

were outside the RRF criteria were considered estimated and qualified "J", while nondetected results were considered unusable and qualified "R" for the affected samples.

All continuing calibration compounds were complaint with a minimum RRF of 0.05 and a maximum percent difference (%D) of ± 25%, with the exceptions noted in Table 2.2-4. The sample results for those noncompliant compounds which were outside the ±25% QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive sample results for those noncompliant compounds which were outside the RRF criteria or with %D greater than or equal to 90% were considered estimated and qualified "J", while nondetected results were considered unusable and qualified "R" for the affected samples.

Usability

All TCL volatile sample results were considered usable following data validation with the exception of those nondetected results mentioned above due to poor calibration linearity.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness and comparability. The TCL volatile data presented by STL were 96.5% complete (i.e., usable). The validated TCL volatile laboratory data are tabulated and presented in Attachment A-2.

It was noted that the following sediment samples contained percent solids less than 50% (i.e., the sample contained mostly water): A0C1SD06 (22.5%), A0C8SD15 (49.2%), A0C8SD18 (45.4%), A0C8SD20 (40.4%), A0C2SD2 (42.9%), A0C2SD4 (35.1%), A0C2SD5 (17.4%), A0C8SD28 (43.6%), and A0C8SD29 (47.1%). Therefore, all results for these samples were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

2.2.2 TCL Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- GC/MS instrument performance

- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of holding times, surrogate recoveries, blank contamination, sample result identifications, initial calibration and continuing calibrations, and internal standard responses.

Holding Times

All semivolatile samples were within the holding time requirements for extraction and analysis, with the exception of the reextracted samples A0C2SB01ARE, A0C9SB03BRE, A0C8SD22RE, and A0C8SD28RE which exceeded the ten-day extraction holding time requirement by one to thirteen days. Therefore, all results for these samples were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ".

Surrogate Recoveries

All semivolatile sample surrogate recoveries were compliant and within QC acceptance limits with the exception of the nitrobenzene-d5 surrogate (QC limit 42-110%R) recoveries in A0C9SB03B (41%R), A0C8SD22 (41%R), and A0C8SD28 (37%R), and A0C8SD28RE (36%R); and the 2,4,6-tribromophenol acid surrogate recovery (QC limit 35-116%R) in sample A0C2SB01A (9.7%R). Although the reextraction and reanalysis of samples A0C9SB03B, A0C8SD22, and A0C8SD28 yielded compliant or similar recoveries, sample results from the original analysis of these samples were reported in the validated laboratory data table in Attachment A-2 since only one base/neutral surrogate was noncompliant and holding times were exceeded for reextraction. Therefore, validation qualification of the original sample results from A0C9SB03B, A0C8SD22, and A0C8SD28 was not warranted.

However, since one acid surrogate was recovered below 10% in sample A0C2SB01A, reextracted sample results from the acid fraction only were reported in the validated laboratory data table for this sample. The nondetected acid results in the original analysis were considered unusable due to the poor acid surrogate recovery.

Blank Contamination

Laboratory method blanks associated with soil and sediment samples contained one or two (bis(2-ethylhexyl)phthalate and di-n-butylphthalate) TCL SVOCs at concentrations summarized in Table 2.2-5. Therefore, all associated sample results with concentrations greater than the validation action concentration were acceptable and reported unqualified. However, all associated sample results with concentrations less than the validation action concentration were considered not detected and qualified "U". As a result, the presence of contaminants in these blanks may be indicative of semivolatile sample contamination from the laboratory. Sample results were qualified with a "B" by the laboratory for those cases where the associated laboratory method blank also contained the semivolatile target compound, and therefore was considered a laboratory artifact.

Sample Result Identification

All sample results were verified with instrument raw data and properly identified by the laboratory with the exception of the detected benzo(b)fluoranthene results and the nondetected benzo(k)fluoranthene results for samples A0C3SB01A and A0C3SB101A. Since these compounds were not able to be chromatographically separated in this sample, the laboratory reported these compounds as benzo(b)fluoranthene. Therefore, the benzo(b)fluoranthene and benzo(k)fluoranthene results for these samples were considered estimated, tentatively identified, and qualified "JN".

Initial and Continuing Calibrations

All initial calibrations were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of those compounds summarized in Table 2.2-6. The sample results for these noncompliant compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D of ± 25%, with the exception of those compounds summarized in Table 2.2-7 which were outside the ± 25% QC limit. The sample results for these noncompliant compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample's area count within –50% to +100% and retention times within ±0.5 minutes of the standard) with the exception of the area counts of the ISs acenaphthene–d10 (152262; QC limit 175030-700118) and perylene-d12 (809970; QC limit 189469-757874) in sample A0C2-TP5B; and perylene-

d12 (1146280; QC limit 260418-1041670) in the reextracted sample A0C2-TP5B. Since the area count for acenaphthene-d10 fell below the QC limit in sample A0C2-TP5B, sample results associated with this IS were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ". Since the area count for perylene-d12 exceeded the QC limit for these samples, positive sample results associated with this IS were considered estimated, possibly biased high, and qualified "J".

Usability

All TCL semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness and comparability. The TCL semivolatile data presented by STL were 100% complete with all final data considered usable and valid. The validated TCL semivolatile laboratory data are tabulated and presented in Attachment A-2.

It was noted that the following sediment samples contained percent solids less than 50% (i.e., the sample contained mostly water): A0C1SD06 (22.5%), A0C8SD15 (49.2%), A0C8SD18 (45.4%), A0C8SD20 (40.4%), A0C2SD2 (42.9%), A0C2SD4 (35.1%), A0C2SD5 (17.4%), A0C8SD28 (43.6%), and A0C8SD29 (47.1%). Therefore, all results for these samples were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

2.2.3 TCL Pesticides/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- Sample result verification and identification
- Initial calibrations
- Performance evaluation mixtures
- Verification calibrations

- Analytical sequence
- Cleanup efficiency
- Chromatogram quality
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of surrogate recoveries, sample result identification, and field duplicate precision.

Surrogate Recoveries

Recoveries of sample surrogates were compliant and within QC advisory limits with the exception of those samples summarized in Table 2.2-8. Validation qualification was not required for these samples since one surrogate on any one column was noncompliant. During review of the sample chromatogram for PCB sample A0C3SB25F, it was noted that the surrogate decachlorobiphenyl was recovered and eluted late. This surrogate was reported with a 0% recovery by the laboratory for this sample.

Sample Result Identification

All positive sample results were confirmed present using second column confirmation and verified within retention time windows. However, there were numerous percent differences (%D) of sample concentrations between the primary and confirmation columns that were greater than 25%. Therefore, the positive results for those compounds where the %D was greater than 25%, but less than 50%, were considered estimated and qualified "J". The positive results for those compounds where the %D was greater than 50% were considered estimated, tentatively identified, and qualified "JN".

It was noted that the laboratory reported the following pesticides in samples which were outside retention time windows: alpha-BHC and aldrin in A0C8SD15; gamma-BHC in A0C2HP04C; alpha-BHC in A0C3SB14G; heptachlor epoxide in A0C2TP5B; and dieldrin in A0C2TP14B. Therefore, these results for these samples were considered not detected and qualified "U".

Field Duplicate Precision

All reported results for the field duplicate pairs were acceptable with the exception of the reported results for 4,4-DDE for the field duplicate pair A0C3SB01A (5500 µg/kg) and A0C3SB101A (9600 µg/kg). The field duplicate precision of these results was

54.3%RPD. Therefore, these detected results in these samples were considered estimated and qualified "J".

Usability

All TCL pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The pesticide/PCB data presented by STL were 100% complete with all data considered usable and valid. The validated data were tabulated and presented in Attachment A-2.

It was noted that the following sediment samples contained percent solids less than 50% (i.e., the sample contained mostly water): A0C1SD06 (22.5%), A0C8SD15 (49.2%), A0C8SD18 (45.4%), A0C8SD20 (40.4%), A0C2SD2 (42.9%), A0C2SD4 (35.1%), A0C2SD5 (17.4%), A0C8SD28 (43.6%), and A0C8SD29 (47.1%). Therefore, all results for these samples were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

2.2.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of matrix spike recoveries, laboratory duplicate precision, field duplicate precision, and ICP serial dilution.

Matrix Spike Recoveries

All the MS recoveries were within the 75-125% control limits and have concentrations less than four times the spiking concentration, with the exception of the recoveries for antimony (49.6%R and 45%R) associated with samples in sample delivery group (SDG) #SADVA1; antimony (46.1%R, 49.6%R, 46.4%R and 37.4%R) associated with samples in SDG #SADVA5; potassium (129.1%R) associated with samples in SDG #SADVA5 except samples A0C3SB09A, 09E, 09F, 11A, 11B; antimony (55.7%R and 61.2%R) associated with samples in SDG #SADVA6; antimony (55%R and 37.6%R) and calcium (66.4%R and 70.4%R) associated with samples in SDG #SADVA7; antimony (54.4%R and 54%R), calcium (125%R and 73%R), copper (73.9%R), and mercury (8.8%R and 9.4%R) associated with samples in SDG #SADVA8; antimony (51.5%R, 36.1%R, 47.4%R, and 31.4%R) and potassium (126.2%R) associated with samples in SDG #SADVA10; antimony (37.8%R and 41.5%R), copper, (74.9%R), and mercury (69.1%R) associated with samples in SDG #SADVA11; antimony (43.1%R and 47.6%R), potassium (130.7%R) and zinc (127.5%R) associated with samples in SDG #SADVA13; antimony (56.2%R and 61.5%R), calcium (213%R and 68.2%R), copper (249.4%R), magnesium (147.8%R), and zinc (205.3%R) associated in samples in SDG #SADVA16; antimony (70.4%R and 58.8%R), chromium (131.2%R), lead (137.1%R), and zinc (133.8%R) associated with samples in SDG #SADVA17; antimony (41.3%R and 40.4%R), lead (131.5%R and 137.9%R), and zinc (171.7%R and 175.9%R) associated with samples in SDG #SADVA18; and antimony (44.1%R and 44.8%R), calcium (-199.2%R and –197.4%R), magnesium (-28.3%R and –28.8%R), and zinc (129.4%R and 129.2%R) associated with samples in SDG #SADVA19. All sample results for those analytes where recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”. Positive sample results for those analytes where recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified “J”. Nondetected mercury results for samples in SDG #SADVA8 were considered unusable and qualified “R” since matrix spike recoveries fell below 10%.

Laboratory Duplicate Precision

The precision of all of the analytes were compliant with the exception of chromium, antimony, and potassium associated with samples in SDG #SADVA5; antimony associated with samples SDG #SADVA7 and SADVA10; calcium associated with samples in SDG #SADVA8; copper and mercury associated with samples in SDG #SADVA11; magnesium and zinc associated with samples in SDG #SADVA13; calcium, copper, lead, magnesium, and zinc associated with samples in SDG #SADVA16; and chromium, copper, lead, and zinc associated with samples in SDG #SADVA17. Validation qualification was not warranted for these analytes in the affected samples with

the exception of calcium associated with samples in SDG #SADVA16. Calcium results for these samples were considered estimated and qualified "J" since the laboratory duplicate precision result for this analyte was greater than 100%RPD.

Field Duplicate Precision

All reported results for the field duplicate pairs were acceptable with the exception of the reported results for antimony and thallium for the field duplicates A0C3SB01A and A0C3SB101A. Therefore, the reported results for these analytes in these samples were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

ICP Serial Dilution

QC serial dilution results for target metals were compliant except for lead associated with samples in SDG #SADVA1; antimony associated with samples in SDG #SADVA5; chromium, cobalt, iron, and nickel associated with samples SDG #SADVA6; iron associated with samples SDG #SADVA7 and SADAV17; calcium, iron, manganese, and vanadium associated with samples SDG #SADVA8; chromium, lead, nickel, and vanadium associated with samples SDG #SADVA10; and vandium associated with samples SDG #SADVA11 and SADVA18. Therefore, positive results greater than ten times the instrument detection limit for the affected metal for these samples were considered estimated and qualified "J".

Usability

All metals sample results were considered usable following data validation with the exception of the nondetected mercury results for SDG #SADVA8 due to poor matrix spike recoveries.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals data presented by STL were 99.9% complete (i.e., usable). The validated metals laboratory data are tabulated and presented in Attachment A-2.

It was noted that the following sediment samples contained percent solids less than 50% (i.e., the sample contained mostly water): A0C1SD06 (22.5%), A0C8SD15 (49.2%), A0C8SD18 (45.4%), A0C8SD20 (40.4%), A0C2SD2 (42.9%), A0C2SD4 (35.1%), A0C2SD5 (17.4%), A0C8SD28 (43.6%), and A0C8SD29 (47.1%). Therefore, all results for these samples were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY

WATER – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDE/PCBs	TAL METALS	HARDNESS	FOOTNOTES
A0C1SW4	WATER	7/13/00	OK	OK	OK	OK	OK	
A0C1SW6	WATER	7/13/00	OK	OK	OK	OK	OK	
A0C1SW7	WATER	7/13/00	OK	OK	OK	OK	OK	
A0C1SW8	WATER	7/13/00	OK	OK	OK	OK	OK	
A0C1TB-1	WATER	7/13/00	OK					
A0C8SW17	WATER	7/13/00	OK	OK	OK	OK		
A0C8SW16	WATER	7/18/00	OK	OK	OK	OK		
A0C8SW15	WATER	7/18/00	OK	OK	OK	OK		
A0C8SW18	WATER	7/19/00	OK	OK	OK	OK		
A0C8SW19	WATER	7/19/00	OK	OK	OK	OK		
A0C8SW20	WATER	7/19/00	OK	OK	OK	OK		
A0C8SW24	WATER	7/19/00	OK	OK	OK	OK		
A0C8SW25	WATER	7/19/00	OK	OK	OK	OK		
A0C8TB-1	WATER	7/19/00	OK					
A0C3HP02	WATER	7/20/00	OK	OK	OK	OK		
A0C3HP03	WATER	7/20/00	OK	OK	OK	OK		
A0C3HP04	WATER	7/21/00	OK	OK	OK	OK		
A0C3HP05	WATER	7/24/00	OK	OK	OK	OK		
A0C3HP01	WATER	7/24/00	OK	OK	OK	OK		
A0C3SB06R	WATER	7/21/00	OK	OK	OK	OK		
A0C2SW8	WATER	7/25/00	OK	OK	OK	OK	OK	
A0C2HP04	WATER	7/26/00	OK	OK	OK	OK		
A0C7-2AMW-5	WATER	8/16/00	NO	OK	OK	OK		1
A0C7-2AMW-7	WATER	8/16/00	NO	OK	OK	OK		1
A0C7-2AMW-17	WATER	8/16/00	NO	OK	OK	OK		1
TB-5	WATER	8/16/00	NO					1

TABLE 2.1-1 (CONTINUED)
SUMMARY OF SAMPLE ANALYSES AND USABILITY
WATER – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDE/PCBs	TAL METALS	HARDNESS	FOOTNOTES
A0C9MW9	WATER	8/16/00	NO	OK		OK		1
A0C9COEMW-10	WATER	8/16/00	NO	OK		OK		1
A0C9COEMW-11	WATER	8/16/00	NO	OK		OK		1
A0C9COEMW-12	WATER	8/17/00	NO	OK		OK		1
A0C2SW2	WATER	8/17/00	NO	OK	OK	OK	OK	1
A0C2SW3	WATER	8/17/00	NO	OK	OK	OK	OK	1
A0C2SW4	WATER	8/17/00	NO	OK	OK	OK	OK	1
A0C2SW5	WATER	8/17/00	NO	OK	OK	OK	OK	1
A0C2SW6	WATER	8/17/00	NO	OK	OK	OK	OK	1
A0C2SW9	WATER	8/17/00	NO	OK	OK	OK	OK	1
A0C2GW1	WATER	8/17/00	NO	OK	OK	OK		1
A0C2GW2	WATER	8/17/00	NO	OK	OK	OK		1
A0C1-PW1	WATER	8/17/00	NO	OK	OK	OK	OK	1
TB-6	WATER	8/17/00	NO					1
A0C8SW28	WATER	10/4/00	OK	OK	OK	OK		
A0C8SW29	WATER	10/5/00	OK	OK	OK	OK		
TB-7	WATER	10/5/00	OK					
PW-2	WATER	10/10/00	OK	OK	OK	OK		
A0C3MW1	WATER	10/31/00	OK	OK	OK	OK		
A0C3MW2	WATER	10/31/00	OK	OK	OK	OK		
A0C3MW3	WATER	10/31/00	OK	OK	OK	OK		
A0C3MW102	WATER	10/31/00	OK	OK	OK	OK		
A0C3MW4-2	WATER	11/1/00	OK	OK	OK	OK		
A0C1PW-3	WATER	11/1/00	OK	OK	OK	OK		
A0C2HP09	WATER	7/26/00	OK	OK	OK	OK		
A0C2HP07	WATER	7/28/00	OK	OK	OK	OK		
A0C2HP01	WATER	7/28/00	OK	OK	OK	OK		

TABLE 2.1-1 (CONTINUED)

SUMMARY OF SAMPLE ANALYSES AND USABILITY

WATER – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDE/PCBs	TAL METALS	HARDNESS	FOOTNOTES
A0C2TB-3	WATER	7/28/00	OK					
A0C7HP02	WATER	7/31/00	OK	OK	OK	OK		
A0C7HP03	WATER	7/31/00	OK	OK	OK	OK		
A0C7HP01	WATER	8/2/00	NO	OK	OK	OK		1
A0C7HP04	WATER	8/2/00	OK	OK	OK	OK		
TB-5	WATER	8/2/00	NO					1
A0C2SW-7	WATER	8/7/00	NO	OK	OK	OK	OK	1
A0C8SW21	WATER	8/7/00	NO	OK	OK	OK		1
A0C8SW22	WATER	8/7/00	NO	OK	OK	OK		1
A0C8SW23	WATER	8/7/00	NO	OK	OK	OK		1
A0C8SW27	WATER	8/7/00	NO	OK	OK	OK		1
TB-4	WATER	7/31/00	OK					
TOTAL SAMPLES:			65	57	53	57	13	

NOTES: OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES:
(1) - Poor volatile calibration linearity for 2-butanone.

TABLE 2.1-2

TCL VOLATILE INITIAL CALIBRATION OUTLIERS

WATER – SCHENECTADY

CALIBRATION DATE – TIME	COMPOUND	%RSD	AFFECTED SAMPLES
5/11/00	Styrene	30.2	All water samples collected in July and August 2000
	Bromoform	31.3	
10/2/00	Bromomethane	31.1	A0C8SW28, 29, TB-7, PW-2
	Benzene	30.9	
	Acetone	56.4	
	4-Methyl-2-Pentanone	33.9	
	2-Hexanone	37.1	
10/25/00	Acetone	44.9	A0C1PW3, A0C3MW4-2, A0C3MW1, 2, 3, 102

NOTES: %RSD – Percent relative standard deviation.

TABLE 2.1-3

TCL VOLATILE CONTINUING CALIBRATION OUTLIERS

WATER – SCHENECTADY

CONTINUING CALIBRATION DATE	COMPOUND	%D (1)	AFFECTED SAMPLES
7/17/00 07:31	Bromomethane	41.0	A0C1SW4, 6, 7, 8, A0C8SW17, A0C1TB-1
	Chloroethane	58.4	
	2-butanone	35.4	
7/22/00 09:32	Bromomethane	57.4	A0C8SW15, 16, 18, 19, 20, 24, 25 A0C8TB-1
	Chloroethane	58.0	
7/24/00 07:21	Chloromethane	28.2	A0C3HP01, 5, A0C2SW8
	Bromomethane	46.5	
	Chloroethane	25.1	
	Carbon disulfide	35.3	
	2-butanone	32.3	
	4-methyl-2-pentanone	27.0	
	2-hexanone	32.2	
7/28/00 07:53	Chloromethane	29.0	A0C3HP02, 3, 4, A0C3SB06R
	Bromomethane	50.8	
	Chloroethane	56.5	
	carbon disulfide	33.7	
	2-butanone	29.3	
8/1/00 13:48	Chloromethane	33.9	A0C2HP04, 1, 7, 9, TB-3, TB-4, A0C7HP02, 3
	Bromomethane	50.3	
	Chloroethane	52.2	
	Acetone	40.2	
	2-butanone	42.4	
	4-methyl-2-pentanone	27.4	
8/7/00 17:09	Chloromethane	28.2	A0C7HP04
	Bromomethane	64.9	
	Chloroethane	65.2	
	Acetone	31.1	
	2-butanone	43.4	
8/8/00 09:22	Chloromethane	29.4	A0C7HP01, TB-5
	Bromomethane	41.5	
	Chloroethane	75.8	
	cis-1,3-dichloropropene	25.8	
	1,1,2,2-tetrachloroethane	25.8	
	acetone	47.7	
	2-butanone	54.5, RRF=0.045	
	4-methyl-2-pentanone	47.0	
	2-hexanone	48.4	

TABLE 2.1-3 (CONTINUED)

TCL VOLATILE CONTINUING CALIBRATION OUTLIERS

WATER – SCHENECTADY

CALIBRATION DATE-TIME	COMPOUND	%D (1)	AFFECTED SAMPLES
8/11/00 18:05	Bromomethane	49.7	A0C2SW7, A0C8SW21, 22, 23, 27
	Chloroethane	56.0	
	acetone	50.0	
	carbon disulfide	26.2	
	2-butanone	65.6, RRF=0.034	
	4-methyl-2-pentanone	40.0	
	2-hexanone	37.7	
8/23/00 06:56	Chloromethane	27.3	All water samples collected on 8/16/00 and 8/17/00
	Bromomethane	70.2	
	Chloroethane	25.6	
	2-butanone	52.5, RRF=0.047	
10/13/00 07:17	Acetone	26.8	PW-2
11/7/00 06:56	Bromomethane	28.4	A0C1PW-3, A0C3MW4-2, A0C3MW1, 2, 3, 102
	Chloroethane	33.3	

Notes: (1) – Percent Difference.
RRF = Relative Response Factor.

TABLE 2.1-4

TCL SEMIVOLATILE INITIAL CALIBRATION OUTLIERS

WATER – SCHENECTADY

CALIBRATION DATE	COMPOUND	%RSD (1)	AFFECTED SAMPLES
6/1/00	2,4-dinitrophenol	34.1	A0C1SW4, 6,7, 8 A0C8SW17
8/6/00	2,4-dinitrophenol	32.1	A0C2HP01, 7, A0C7HP01, 2, 3, 4
8/29/00	2,4-dinitrophenol	37.7	A0C9-COEMW-10, 11, 12, A0C1PW1, A0C2GW1, 2, A0C2SW2, 3, 4, 5, 6, 9
10/16/00	2,4-dinitrophenol	37.4	PW-2

Notes: (1) – Percent Relative Standard Deviation.

TABLE 2.1-5

TCL SEMIVOLATILE CONTINUING CALIBRATION OUTLIERS

WATER – SCHENECTADY

CONTINUING CALIBRATION DATE – TIME	COMPOUND	%D (1)	AFFECTED SAMPLES
7/19/00 17:47	2,2'-oxybis(1-chloropropane)	31.7	A0C1SW4, 6,7, 8
	N-nitroso-di-n-propylamine	27.2	A0C8SW17
	2-nitroaniline	28.4	
8/4/00 18:14	Hexachlorocyclopentadiene	64.6	A0C2HP04, 9
	2,4-dinitrophenol	31.5	
	4-nitrophenol	30.4	
	indeno(1,2,3-cd)pyrene	40.2	
	dibenz(a,h)anthracene	38.4	
	benzo(g,h,i)perylene	50.2	
8/7/00 08:12	Pyrene	28.3	A0C2HP01, 7, A0C7HP02,3

Notes (1) – Percent Difference.

TABLE 2.1-6

TCL PESTICIDE/PCB IDENTIFICATION OUTLIERS

WATER – SCHENECTADY

Sample ID	Compound	%D (1)
A0C3SB06R	Heptachlor	430.2
A0C2SW8	Heptachlor	36.6
	Aldrin	237.5
	Heptachlor Epoxide	206.3
A0C2SW3	4,4'-DDD	29.1
	delta-BHC	132.5
A0C7HP03	4,4'-DDD	107.3
	4,4'-DDE	35.3

Notes (1) – Percent Difference.

TABLE 2.2-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C1SD04	Soil	7/13/00	NO	OK	OK	OK		OK	1
A0C1SD05	Soil	7/13/00	NO	OK	OK	OK		OK	1
A0C1SD06	Soil	7/13/00	NO	OK	OK	OK		OK	1
A0C1SD07	Soil	7/13/00	NO	OK	OK	OK		OK	1
A0C1SD08	Soil	7/13/00	NO	OK	OK	OK		OK	1
A0C8SD17	Soil	7/13/00	NO	OK	OK	OK			1
A0C8SD16	Soil	7/18/00	NO	OK	OK	OK			1
A0C8SD15	Soil	7/18/00	NO	OK	OK	OK			1
A0C8SD14	Soil	7/19/00	NO	OK	OK	OK			1
A0C8SD18	Soil	7/19/00	NO	OK	OK	OK			1
A0C8SD19	Soil	7/19/00	NO	OK	OK	OK			1
A0C8SD20	Soil	7/19/00	NO	OK	OK	OK			1
A0C8SD24	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB08A	Soil	7/18/00	NO	OK	OK	OK	OK		1
A0C3SB08F	Soil	7/18/00	NO	OK	OK	OK			1
A0C3SB08I	Soil	7/18/00	NO	OK	OK	OK			1
A0C3SB10A	Soil	7/18/00	NO	OK	OK	OK	OK		1
A0C3SB10D	Soil	7/18/00	NO	OK	OK	OK			1
A0C3SB10J	Soil	7/18/00	NO	OK	OK	OK			1
A0C3SB05A	Soil	7/18/00	NO	OK	OK	OK	OK		1
A0C8SD25	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB05D	Soil	7/18/00	NO	OK	OK	OK			1

TABLE 2.2-1 (CONTINUED)
SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C3SB05G	Soil	7/18/00	NO	OK	OK	OK			1
A0C3SB04A	Soil	7/18/00	NO	OK	OK	OK	OK		1
A0C3SB04B	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB04E	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB03A	Soil	7/19/00	NO	OK	OK	OK	OK		1
A0C3SB03B	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB03E	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB02A	Soil	7/19/00	NO	OK	OK	OK	OK		1
A0C3SB02D	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB02G	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB01A	Soil	7/19/00	NO	OK	OK	OK	OK		1
A0C3SB101A	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB01D	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB01E	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB09A	Soil	7/19/00	NO	OK	OK	OK	OK		1
A0C3SB09E	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB09F	Soil	7/19/00	NO	OK	OK	OK			1
A0C3SB11A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C3SB11B	Soil	7/20/00	NO	OK	OK	OK			1
A0C3SB11E	Soil	7/20/00	NO	OK	OK	OK			1
A0C3SB06A	Soil	7/20/00	NO	OK	OK	OK	OK		1

TABLE 2.2-1 (CONTINUED)
SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C3SB06H	Soil	7/20/00	NO	OK	OK	OK			1
A0C3SB06K	Soil	7/20/00	OK	OK	OK	OK			
A0C3SB07A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C3SB07D	Soil	7/20/00	NO	OK	OK	OK			1
A0C2HP01A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2HP02A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2HP03A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2HP04A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2HP05A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2HP06A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2HP07A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2HP08A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2HP09A	Soil	7/20/00	NO	OK	OK	OK	OK		1
A0C2SD7	Soil	7/21/00	NO	OK	OK	OK			1
A0C7SB01A	Soil	7/21/00	NO	OK	OK	OK			1
A0C7SB02A	Soil	7/21/00	NO	OK	OK	OK			1
A0C7SB03A	Soil	7/21/00	NO	OK	OK	OK			1
A0C7SB04A	Soil	7/21/00	NO	OK	OK	OK			1
A0C2SD1	Soil	7/21/00	NO	OK	OK	OK			1
A0C2SD2	Soil	7/21/00	NO	OK	OK	OK			1
A0C2SD3	Soil	7/21/00	NO	OK	OK	OK			1
A0C2SD4	Soil	7/21/00	NO	OK	OK	OK			1

TABLE 2.2-1 (CONTINUED)
SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C2SD5	Soil	7/21/00	NO	OK	OK	OK			1
A0C2SD6	Soil	7/21/00	NO	OK	OK	OK			1
A0C2SB01A	Soil	7/25/00	NO	OK	OK	OK	OK		1
A0C2SB02A	Soil	7/25/00	NO	OK	OK	OK	OK		1
A0C2SB03A	Soil	7/26/00	NO	OK	OK	OK	OK		1
A0C2HP01C	Soil	7/24/00	NO	OK	OK	OK			1
A0C2HP01E	Soil	7/24/00	NO	OK	OK	OK			1
A0C2HP02C	Soil	7/24/00	NO	OK	OK	OK			1
A0C2HP02H	Soil	7/24/00	NO	OK	OK	OK			1
A0C2HP07D	Soil	7/25/00	NO	OK	OK	OK			1
A0C2HP07I	Soil	7/25/00	NO	OK	OK	OK			1
A0C2HP06D	Soil	7/25/00	NO	OK	OK	OK			1
A0C2HP06F	Soil	7/25/00	NO	OK	OK	OK			1
A0C2HP05D	Soil	7/26/00	NO	OK	OK	OK			1
A0C2HP19D	Soil	7/26/00	NO	OK	OK	OK			1
A0C2HP05F	Soil	7/26/00	NO	OK	OK	OK			1
A0C2HP03C	Soil	7/25/00	NO	OK	OK	OK			1
A0C2HP03E	Soil	7/25/00	NO	OK	OK	OK			1
A0C2HP04C	Soil	7/26/00	NO	OK	OK	OK			1
A0C2HP04D	Soil	7/26/00	NO						1
A0C2HP04I	Soil	7/26/00	NO	OK	OK	OK			1
A0C2HP08D	Soil	7/26/00	NO	OK	OK	OK			1

TABLE 2.2-1 (CONTINUED)
SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C2HP08F	Soil	7/26/00	NO	OK	OK	OK			1
A0C2HP09A2	Soil	7/26/00	NO						1
A0C2HP09C	Soil	7/26/00	NO	OK	OK	OK			1
A0C2HP09I	Soil	7/26/00	NO	OK	OK	OK			1
A0C2SD8	Soil	7/26/00	NO	OK	OK	NO			1,2
A0C2SB01B	Soil	7/28/00	NO	OK	OK	NO			1,2
A0C2SB01D	Soil	7/28/00	NO	OK	OK	NO			1,2
A0C2SB02B	Soil	7/28/00	NO	OK	OK	OK			1
A0C9SB04C	Soil	8/1/00	NO	OK		OK			1
A0C9SB04E	Soil	8/1/00	NO	OK		OK			1
A0C9SB03B	Soil	8/1/00	NO	OK		OK			1
A0C9SB03E	Soil	8/1/00	NO	OK		OK			1
A0C9SB02C	Soil	8/1/00	NO	OK		OK			1
A0C9SB02E	Soil	8/1/00	NO	OK		OK			1
A0C9SB01C	Soil	8/1/00	NO	OK		OK			1
A0C9SB01E	Soil	8/1/00	NO	OK		OK			1
A0C2SB02D	Soil	7/28/00	NO	OK	OK	OK			1
A0C3SB14G	Soil	8/3/00	NO	OK	OK				1
A0C3SB14L	Soil	8/3/00	NO	OK	OK				1
A0C8SD21	Soil	8/7/00	NO	OK	OK			OK	1
A0C8SD22	Soil	8/7/00	NO	OK	OK			OK	1

TABLE 2.2-1 (CONTINUED)

SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C8SD23	Soil	8/7/00	NO	OK	OK			OK	1
A0C8SD27	Soil	8/7/00	NO	OK	OK	OK		OK	1
A0C2TP5B	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP5C	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP7B	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP7C	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP17C	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP11B	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP11C	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP14B	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP14C	Soil	8/14/00	NO	OK	OK	OK			1
A0C7SB04B	Soil	8/15/00	NO	OK	OK	OK			1
A0C7SB04C	Soil	8/15/00	NO	OK	OK	OK			1
A0C7SB03B	Soil	8/15/00	NO	OK	OK	OK			1
A0C7SB03C	Soil	8/15/00	NO	OK	OK	OK			1
A0C7SB02B	Soil	8/15/00	NO	OK	OK	OK			1
A0C7SB02C	Soil	8/15/00	NO	OK	OK	OK			1
A0C7SB01B	Soil	8/15/00	NO	OK	OK	OK			1
A0C7SB01C	Soil	8/15/00	NO	OK	OK	OK			1
A0C6TP1A	Soil	8/15/00	NO	OK	OK	OK			1
A0C6TP2A	Soil	8/15/00	NO	OK	OK	OK			1
A0C6TP12A	Soil	8/15/00	NO	OK	OK	OK			1

TABLE 2.2-1 (CONTINUED)

SUMMARY OF SAMPLE ANALYSES AND USABILITY
SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C6TP3A	Soil	8/15/00	NO	OK	OK	OK			1
A0C6TP4A	Soil	8/15/00	NO	OK	OK	OK			1
A0C2TP3B	Soil	8/14/00	NO	OK	OK	OK			1
A0C2TP3C	Soil	8/14/00	NO	OK	OK	OK			1
A0C6TP5B	Soil	8/15/00	NO	OK	OK	OK			1
A0C6TP6A	Soil	8/15/00	NO	OK	OK	OK			1
A0C2DRM1	Soil	8/17/00	OK	OK	OK	OK			
A0C2SD9	Soil	8/17/00	OK	OK	OK	OK			
A0C3SB21A	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB21C	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB21E	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB20A	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB20C	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB20E	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB18A	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB18C	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB18E	Soil	9/25/00	NO	OK	OK	OK			1
A0C3SB19C	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB19E	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB19F	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB17C	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB17F	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB17G	Soil	9/26/00	NO	OK	OK	OK			1

TABLE 2.2-1 (CONTINUED)

SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C3SB25C	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB25F	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB22A	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB22C	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB22F	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB23A	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB23C	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB23G	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB24A	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB24C	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB24F	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB26C	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB26M	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB26O	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB27C	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB27J	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB27P	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB28A	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB28I	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB28M	Soil	9/27/00	NO	OK	OK	OK			1
A0C3SB30N	Soil	10/2/00	NO	OK	OK	OK			1

TABLE 2.2-1 (CONTINUED)

SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	DIOXINS/ FURANS	TOC	FOOTNOTES
A0C3SB31C	Soil	10/2/00	NO	OK	OK	OK			1
A0C3SB31	Soil	10/2/00	NO	OK	OK	OK			1
A0C3SB29	Soil	10/2/00	NO	OK	OK	OK			1
A0C3SB25H	Soil	9/26/00	NO	OK	OK	OK			1
A0C3SB29L	Soil	10/2/00	NO	OK	OK	OK			1
A0C3SB29O	Soil	10/2/00	NO	OK	OK	OK			1
A0C2HP13	Soil	10/4/00	OK	OK	OK	OK		OK	
A0C2HP14	Soil	10/4/00	OK	OK	OK	OK		OK	
A0C2HP12	Soil	10/4/00	OK	OK	OK	OK		OK	
A0C2HP112	Soil	10/4/00	OK	OK	OK	OK		OK	
A0C2HP11	Soil	10/4/00	OK	OK	OK	OK		OK	
A0C2HP16	Soil	10/5/00	OK	OK	OK	OK		OK	
A0C2HP15	Soil	10/5/00	OK	OK	OK	OK		OK	
A0C2HP17	Soil	10/5/00	OK	OK	OK	OK		OK	
A0C2HP10	Soil	10/5/00	OK	OK	OK	OK		OK	
A0C2HP18	Soil	10/10/00	NO	OK	OK	OK		OK	1
A0C8SD28	Soil	10/4/00	OK	OK	OK	OK			
A0C8SD29	Soil	10/5/00	OK	OK	OK	OK			
		TOTAL SAMPLES	192	190	182	188	23	19	

NOTES: OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES:
(1) Poor volatile calibration linearity for certain compounds.
(2) Poor matrix spike recovery for mercury.

TABLE 2.2-2

DETECTED TCL VOCs IN BLANKS

SOIL – SCHENECTADY

BLANK ID	TCL VOC	CONCENTRATION (µg/kg)	VALIDATION ACTION CONCENTRATION[1] (µg/kg)	AFFECTED SAMPLES
DGKA7101	Acetone	2.1	21	Samples collected on 7/18/00 and 7/19/00 in SDG #SADVA1
DGRW5101	Acetone	2.3	23	A0C7SB01A, 02A, 03A, 04A, A0C3SB06A, 06H, 07A, 07D, A0C02HP09A,A0C2SD7
DHOQ1101	Acetone	110	1100	A0C3SB06K
DGVV6101	Acetone	2.5	25	Samples collected on 7/21/00, 7/24/00, and 7/25/00 in SDG #SADVA7
DHERC101	Acetone	3.5	35	A0C9SB04E, 03B, 03E, 02C, A0C2HP09A2, 09C, A0C2SD8, A0C2SB02D A0C9SB01E
DHGPR101	Acetone	3.5	35	A0C9SB04C, 02E, 01C A0C3SB14G
DHJLL101	Acetone	290	2900	A0C3SB14L
DHJAP101	Acetone	2.5	25	A0C8SD21, 22, 23
DHWQE101	Acetone	2.3	23	Samples collected on 8/14/00 in SDG #SADVA11
DL3R3101	Acetone	3.2	32	Samples collected on 9/25/00 in SDG #SADVA16, A0C3SB17F, 17G
DL54G101	Acetone	2.8	28	A0C3SB17C, 19C, 19E, 19F, samples collected on 9/26/00 in SDG #SADVA17
DL8NJ101	Acetone	2.7	27	A0C3SB26C, 26M, 26O, 27C, 27P
DLCRR101	Acetone	2.8	28	A0C3SB27J, 28A, 28I
DLEQA101	Acetone	130	1300	A0C3SB28M
DLGXJ101	Acetone	3.3	33	A0C3SB29A, 31C, 31N
DLWA4101	Acetone	3.6	36	A0C3SB29O
DLTDT101	Acetone	3.7	37	A0C3SB29L, samples collected on 10/4/00 and 10/5/00 in SDG #SADVA19

NOTES: [1] - Defined as 10 times the blank concentration for common volatile laboratory contaminants (methylene chloride, acetone, and 2-butanone) and 5 times the blank concentration for all other volatile contaminants.

TABLE 2.2-3

TCL VOLATILE INITIAL CALIBRATION OUTLIERS

SOIL – SCHENECTADY

CALIBRATION DATE	COMPOUND	%RSD (1)	AFFECTED SAMPLES
4/3/00	Bromomethane	RRF=0.031	All samples in SDGs SADVA1 and SADVA5. Samples collected on 7/21/00, 7/24/00, and 7/25/00 in SDG #SADVA7
7/18/00	Acetone	68.7	A0C3SB06K
	2-hexanone	33.6	
8/4/00	Acetone	32.8	A0C2HP05D, 5F, 19D, 03C, 03E,
	2-Butanone	70.5	04C, 04D, 04I, 08D, 08F
	4-methyl-2-pentanone	37.6	A0C2SB03A, 01B, 01D, 02B, A0C3SB29A, 29L, 31C, 31N A0C9SB01C, A0C3SB14G, A0C8SD22, 21, 23, 27, all samples in SDGs #SADVA11, SADVA13, SADVA16, SADVA17, and SADVA19 (except A0C2HP18)
8/4/00	Bromomethane	40.6	A0C2HP09A2, 09C, 09I,
	Chloroethane	RRF=0.049	A0C2SD8, A0C2SB02D,
	Acetone	56.4	A0C9SB02C, 03B, 03E, 04E, 01E
	2-butanone	90.0	
	4-methyl-2-pentanone	33.7	
	2-hexanone	30.1	
8/3/00	2-butanone	52.1	A0C3SB14L
8/10/00	Bromomethane	30.4	A0C3SB28M
	acetone	34.2	
9/8/00	Acetone	35.0	A0C3SB30N
10/10/00	Bromomethane	RRF=0.045	A0C3SB29O, A0C2HP18
	chloroethane	44.4	
	methylene chloride	33.7	
	2-butanone	42.0	
	2-hexanone	43.0	

Notes (1) – Percent Relative Standard Deviation.
RRF – Relative response factor.

TABLE 2.2-4

TCL VOLATILE CONTINUING CALIBRATION OUTLIERS

SOIL – SCHENECTADY

CONTINUING CALIBRATION DATE – TIME	COMPOUND	%D [1]	AFFECTED SAMPLES
7/19/00 14:17	bromomethane	RRF=0.028	A0C1SD4, 5, 6, 7, 8, A0C8SD17
	chloroethane	41.4	
	2-butanone	36.0	
	4-methyl-2-pentanone	38.0	
	2-hexanone	32.6	
7/21/00 06:30	bromomethane	RRF=0.013, 58.1	Samples collected on 7/18/00 and 7/19/00 in SDG #SADVA1
	chloroethane	RRF=0.044,49.4	
	2-butanone	51.3	
	4-methyl-2-pentanone	50.8	
7/23/00 09:16	bromomethane	RRF=0.036	All samples in SDG #SADVA5 except A0C3SB09A, 09E, 09F, 11A, 11B
	chloroethane	29.9	
	acetone	30.2	
	2-butanone	56.6	
7/24/00 06:26	chloromethane	36.3	A0C3SB09A, 09E, 09F, 11A, 11B, 11E, A0C2HP01A, 02A, 03A, 04A, 05A, 06A, 07A, 08A
	bromomethane	RRF=0.032	
	acetone	31.2	
	carbon disulfide	27.6	
	2-butanone	54.8	
7/26/00 07:29	bromomethane	RRF=0.042, 35.5	A0C3SB07A, 07D, 06A, 06H, A0C2HP09A, A0C2SD7, A0C7SB01A, 02A, 03A, 04A
	chloroethane	36.8	
	carbon disulfide	35.0	
	2-butanone	47.2	
	2-hexanone	25.1	
7/28/00 05:43	chloroethane	27.8	A0C3SB06K
	acetone	37.4	
	carbon disulfide	36.9	
7/27/00 06:22	bromomethane	RRF=0.027	Samples collected on 7/21/00, 7/24/00, and 7/25/00 in SDG #SADVA7
	chloroethane	39.1	
	acetone	26.0	
	carbon disulfide	38.4	
	2-butanone	47.0	
8/4/00 18:43	bromomethane	RRF=0.037, -31.5	A0C2HP05D, 05F, 19D, 03C, 03E, 04C, 04D, 04I, 08D, 08F A0C2SB03A, 02B, 01B, 01D
	2-hexanone	64.2	
08/04/00 20:05	bromomethane	RRF=0.045	A0C2SD8, A0C2HP09A2, 09C, A0C9SB04E, 03B, 03E, 02C, 01E, A0C2SB02D
	chloroethane	RRF=0.048	
	2-butanone	41.1	

TABLE 2.2-4 (CONTINUED)

TCL VOLATILE CONTINUING CALIBRATION OUTLIERS

SOIL – SCHENECTADY

CONTINUING CALIBRATION DATE – TIME	COMPOUND	%D (1)	AFFECTED SAMPLES
8/5/00 08:36	bromomethane chloroethane 1,1,2,2-tetrachloroethane 2-butanone	RRF=0.046 RRF=0.045 28.4 43.2	A0C2HP09I
8/7/00 18:26	bromomethane 4-methyl-2-pentanone 2-hexanone	RRF=0.047 99.5 65.3	A0C9SB04C, 02E, 01C, A0C3SB14G
8/8/00 17:41	chloroethane carbon disulfide 4-methyl-2-pentanone 2-hexanone	34.9 52.8 92.4 79.0	A0C3SB14L
8/8/00 18:37	bromomethane 2-butanone	RRF=0.04, 25.9 61.0	A0C8SD21, 22, 23
8/9/00 10:17	2-butanone 2-hexanone bromomethane	63.3 27.6 RRF=0.044	A0C8SD27
8/16/00 06:14	bromomethane acetone 2-butanone 4-methyl-2-pentanone 2-hexanone	27.8, RRF=0.039 27.3 26.9 56.7 39.2	Samples collected on 8/14/00 in SDG #SADVA11
8/16/00 20:10	Acetone 2-butanone 2-hexanone bromomethane chloroethane	41.0 67.2 30.8 RRF=0.042 RRF=0.048	All "A0C7" samples collected on 8/15/00 in SDG #SADVA11
8/18/00 11:13	1,1,2,2-tetrachloroethane 2-butanone 4-methyl-2-pentanone bromomethane	28.8 39.5 39.3 RRF=0.043	A0C6-TP1A, samples collected on 8/15/00 in SDG #SADVA13
8/21/00 17:39	Acetone 2-butanone 2-hexanone	29.3 68.8 39.4	A0C2-DRM1, A0C2SD9
9/27/00 07:08	Bromomethane methyl chloride 2-butanone	RRF=0.048 38.6 52.7	Samples collected on 9/25/00 SDG #SADVA16, A0C3SB17F, 17G
9/27/00 16:17	Bromomethane 2-butanone 2-hexanone	RRF=0.016, 70.4 60.1 30.1	A0C3SB19C, 19E, 19F, 17C, 22A, 22C, 22F, 25C, 25F, 25H, 23A, 23C, 23G, 24A, 24C, 24F

TABLE 2.2-4 (CONTINUED)

TCL VOLATILE CONTINUING CALIBRATION OUTLIERS

SOIL – SCHENECTADY

CONTINUING CALIBRATION DATE – TIME	COMPOUND	%D (1)	AFFECTED SAMPLES
9/29/00 08:55	bromomethane acetone 2-butanone	RRF=0.036, 33.3 66.3 30.6	A0C3SB26C, 26M, 26O, 27C, 27P
9/30/00 11:19	2-butanone bromomethane chloroethane	48,2 RRF=0.048 RRF=0.043	A0C3SB27J, 28A, 28I
10/3/00 06:00	bromomethane acetone carbon disulfide	RRF=0.047 29.8 27.8	A0C3SB28M
10/4/00 07:52	bromomethane chloroethane acetone carbon disulfide 2-butanone	RRF=0.038, 29.6 RRF=0.045 31.2 29.7 37.5	A0C3SB29A, 31C, 31N
10/9/00 18:20	bromomethane chloroethane carbon disulfide 2-butanone	25.9 35.1 79.6 54.5	A0C3SB29L, all samples in SDG #SADVA19 (except A0C2HP18)
10/10/00 08:45	bromomethane chloroethane bromoform acetone carbon disulfide	RRF=0.03, 57.7 RRF=0.043, 36.8 29.6 RRF=0.04, 36.5 32.4	A0C3SB30N
10/11/00 06:17	chloroethane 2-hexanone	33.3 53.5	A0C3SB19O
10/18/00 08:31	Bromomethane acetone 4-methyl-2-pentanone 2-hexanone	RRF=0.46 26.8 38.7 55.1	A0C2HP18

Notes: (1) – Percent Difference.
RRF = Relative Response Factor

TABLE 2.2-5

DETECTED TCL SVOCs IN BLANKS

SOIL - SCHENECTADY

BLANK ID	TCL SVOC	CONCENTRATION (µg/kg)	VALIDATION ACTION CONCENTRATION [1] (µg/kg)	AFFECTED SAMPLES
DH2CR101	bis(2-ethylhexyl)phthalate	71	710	A0C2HP02C, 02H, 07D, 07I, 06D, 06F A0C2SB01A, 02A
DHGRT101	bis(2-ethylhexyl)phthalate	38	380	A0C9SB01C, 01E
	Di-n-Butylphthalate	32	320	A0C3SB14G, 14L
DL86W101	bis(2-ethylhexyl)phthalate	44	440	All samples in SDG #SADVA16
DNALC1AA	bis(2-ethylhexyl)phthalate	41	410	A0C2HP18

NOTES: [1] - Defined as 10 times the blank concentration for common semivolatile laboratory contaminants (phthalate esters) and 5 times the blank concentration for all other semivolatile contaminants.

TABLE 2.2-6

TCL SEMIVOLATILE INITIAL CALIBRATION OUTLIERS

SOIL - SCHENECTADY

INITIAL CALIBRATION DATE	COMPOUND	%RSD (1)	AFFECTED SAMPLES
6/1/00	2,4-dinitrophenol	34.1	A0C1SD04, 05, 06, 07, 08, 04DL, 08DL
8/6/00	2,4-dinitrophenol	32.1	A0C9SB04E, 03B, 04C, 03E, 02C, 02E
8/24/00	2,4-dinitrophenol	51.8	A0C2TP5C
8/25/00	2,4-dinitrophenol	34.0	A0C2TP3B, 3C, 7C, 17C, 11C, 14B, 14C, 11B, 5B
8/29/00	2,4-dinitrophenol	37.7	A0C2TP7B, A0C3SB28M
10/16/00	2,4-dinitrophenol	37.4	A0C2HP18

NOTES: (1) - Relative Standard Deviation

.

TABLE 2.2-7

TCL SEMIVOLATILE CONTINUING CALIBRATION OUTLIERS

SOIL - SCHENECTADY

CONTINUING CALIBRATION DATE - TIME	COMPOUND	%D (1)	AFFECTED SAMPLES
7/18/00 – 15:35	2,2'-oxybis(1-chloropropane)	30.8	A0C1SD04, 05, 06, 07, 08 A0C8SD17
7/19/00 – 17:47	2,2'-oxybis(1-chloropropane) N-nitroso-di-n-propylamine 2-nitroaniline	31.7 27.2 28.4	A0C1SD04DL, 08DL
8/8/00 – 12:30	benzo(k)fluoranthene	27.6	A0C3SB06A, 06H, 06K, 07A, 07D A0C7SB01A, 02A, 03A, 04A
8/3/00 – 7:31	2,2'-oxybis(1-chloropropane) pyrene	25.5 46.9	A0C2SD1, 2, 3
8/4/00 – 8:14	hexachlorocyclopentadiene 2,4-dinitrophenol 4-nitrophenol indeno(1,2,3-cd)pyrene dibenz(a,h)anthracene benzo(g,h,i)perylene	64.6 31.5 30.4 40.2 38.4 50.2	A0C2SD5
8/14/00 – 11:38	benzo(k)fluoranthene	27.9	A0C2HP06D, 06F A0C9SB01C A0C3SB14L
8/13/00 – 08:35	pyrene	48.6	A0C9SB04E, 03B
8/23/00 – 12:09	pyrene	35.7	A0C7SB04B, 04C, 03B, 02B, 02C, 01B, 03C
8/31/00 – 09:57	2,4-dinitrophenol	28.6	A0C2TP5BRE
10/2/00 – 10:03	hexachlorocyclopentadiene	29.4	Samples in SDG #SADVA16

TABLE 2.2-7 (CONTINUED)

TCL SEMIVOLATILE CONTINUING CALIBRATION OUTLIERS

SOIL - SCHENECTADY

CONTINUING CALIBRATION DATE – TIME	COMPOUND	%D [1]	AFFECTED SAMPLES
10/4/00 – 10:37	4-nitrophenol	38.2	A0C3SB28M
10/13/00 – 13:48	indeno(1,2,3-cd)pyrene	34.9	A0C2HP15, 17
	dibenz(a,h)anthracene	30.3	
	benzo(g,h,i)perylene	27.8	
10/16/00 – 14:02	indeno(1,2,3-cd)pyrene	35.4	A0C2HP10, A0C8SD29
	dibenz(a,h)anthracene	31.4	
	benzo(g,h,i)perylene	29.2	
10/18/00 – 12:43	indeno(1,2,3-cd)pyrene	33.0	A0C8SD28RE
	dibenz(a,h)anthracene	29.3	
	benzo(g,h,i)perylene	26.2	

NOTES: [1] - Percent Difference.

TABLE 2.2-8

TCL PESTICIDE/PCB SURROGATE RECOVERY OUTLIERS

SOIL - SCHENECTADY

SAMPLE ID	FRACTION	TCX %R	TCX %R	DCB %R	DCB %R
A0C8SD15	Pesticide	*	334	*	*
A0C3SB04B	Pesticide	*	*	*	162
A0C3SB02G	Pesticide	*	*	*	164
A0C2SD6	Pesticide	*	*	253	*
A0C3SB25F	PCB	*	*	0	*

SURROGATE	QC ADVISORY LIMITS
TCX = Tetrachloro-m-xylene	31-131%
DCB = Decachlorobiphenyl	18-145%

NOTES: %R - Percent Recovery
* - Surrogate Recovery within advisory limits

ATTACHMENT A

VALIDATED LABORATORY DATA

ATTACHMENT A-1

VALIDATED LABORATORY DATA FOR GROUNDWATER AND SURFACE WATER

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Purge Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-PW1 C0H180282006 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	PW-2 C0J110267001 STL Pittsburgh SADVA20 WATER 10/10/2000 12/3/2000	AOC1PW-3 C0K020216002 STL Pittsburgh SADVA21 WATER 11/1/2000 12/7/2000
CAS NO.	COMPOUND	UNITS:			
	VOLATILES				
67-64-1	Acetone	ug/L	7.6 J	10 UJ	10 UJ
71-43-2	Benzene	ug/L	1 U	1 UJ	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 UJ	1 U	1 U
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	2.7 J	5 U	5 U
75-15-0	Carbon disulfide	ug/L	0.38 J	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	0.21 J	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 U	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 UJ	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	0.33 J	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1.7	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 UJ	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 UJ	5 U
100-42-5	Styrene	ug/L	1 UJ	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U
108-88-3	Toluene	ug/L	0.83 J	1 U	0.21 J
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	2.2	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Purge Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-PW1 C0H180282006 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	PW-2 C0J110267001 STL Pittsburgh SADVA20 WATER 10/10/2000 12/3/2000	AOC1PW-3 C0K020216002 STL Pittsburgh SADVA21 WATER 11/1/2000 12/7/2000
CAS NO.	COMPOUND	UNITS:			
	SEMIVOLATILES				
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	10 U	10 U	9.7 J
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Purge Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-PW1 C0H180282006 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	PW-2 C0J110267001 STL Pittsburgh SADVA20 WATER 10/10/2000 12/3/2000	AOC1PW-3 C0K020216002 STL Pittsburgh SADVA21 WATER 11/1/2000 12/7/2000
CAS NO.	COMPOUND	UNITS:			
	SEMIVOLATILES CONT'D				
51-28-5	2,4-Dinitrophenol	ug/L	50 UJ	50 UJ	50 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Purge Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-PW1 C0H180282006 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	PW-2 C0J110267001 STL Pittsburgh SADVA20 WATER 10/10/2000 12/3/2000	AOC1PW-3 C0K020216002 STL Pittsburgh SADVA21 WATER 11/1/2000 12/7/2000
CAS NO.	COMPOUND	UNITS:			
	PESTICIDES				
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U
72-55-9	4,4'-DDE	ug/L	0.0076 J	0.05 U	0.05 U
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	ug/L	0.019 J	0.05 U	0.05 U
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U
	PCBs				
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Purge Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-PW1 C0H180282006 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	PW-2 C0J110267001 STL Pittsburgh SADVA20 WATER 10/10/2000 12/3/2000	AOC1PW-3 C0K020216002 STL Pittsburgh SADVA21 WATER 11/1/2000 12/7/2000
CAS NO.	COMPOUND	UNITS:			
	METALS				
7429-90-5	Aluminum	ug/L	13300	112000	4750
7440-36-0	Antimony	ug/L	1.5 U	5.7 J	1.5 U
7440-38-2	Arsenic	ug/L	9.3 J	59.4	2.6 U
7440-39-3	Barium	ug/L	174 J	673	49.6 J
7440-41-7	Beryllium	ug/L	0.44 J	5.9	0.17 J
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U
7440-70-2	Calcium	ug/L	105000	84300	61800
7440-47-3	Chromium	ug/L	17.2	165	5.9 J
7440-48-4	Cobalt	ug/L	7.6 J	124	3.2 U
7440-50-8	Copper	ug/L	19.9 J	253	7.6 J
7439-89-6	Iron	ug/L	16600	217000	5240
7439-92-1	Lead	ug/L	23.5	97.6	3.3
7439-95-4	Magnesium	ug/L	31900	51600	14300
7439-96-5	Manganese	ug/L	1270	6510	299
7439-97-6	Mercury	ug/L	0.045 U	0.4	0.045 U
7440-02-0	Nickel	ug/L	13.9 J	250	11.9 J
7440-09-7	Potassium	ug/L	11000	25100	3970 J
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	2.1 U
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U
7440-23-5	Sodium	ug/L	70700	35800	28800
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U
7440-62-2	Vanadium	ug/L	26.4 J	186	11 J
7440-66-6	Zinc	ug/L	65.2	666	15.8 J
	OTHER				
Q356	Hardness, as CaCO3	mg/L	1500		

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SW04 C0G140162001 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW06 C0G140162002 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW07 C0G140162003 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW08 C0G140162004 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-TB-1 C0G140162006 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
67-64-1	Acetone	ug/L	10 U	2.5 J	2.2 J	10 U	10 U
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
75-15-0	Carbon disulfide	ug/L	1 U	0.99 J	0.36 J	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 U	2 U	2 U	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U
100-42-5	Styrene	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	0.24 J	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SW04 C0G140162001 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW06 C0G140162002 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW07 C0G140162003 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW08 C0G140162004 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-TB-1 C0G140162006 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	16	19	10 U	73	
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SW04 C0G140162001 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW06 C0G140162002 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW07 C0G140162003 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW08 C0G140162004 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-TB-1 C0G140162006 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES CONT'D						
51-28-5	2,4-Dinitrophenol	ug/L	50 UJ	50 UJ	50 UJ	50 UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	
88-74-4	2-Nitroaniline	ug/L	50 UJ	50 UJ	50 UJ	50 UJ	
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 UJ	10 UJ	10 UJ	10 UJ	
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 UJ	10 UJ	10 UJ	10 UJ	
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SW04 C0G140162001 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW06 C0G140162002 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW07 C0G140162003 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW08 C0G140162004 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-TB-1 C0G140162006 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	PESTICIDES						
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	
	PCBs						
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC1		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SW04 C0G140162001 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW06 C0G140162002 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW07 C0G140162003 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-SW08 C0G140162004 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC1-TB-1 C0G140162006 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	METALS						
7429-90-5	Aluminum	ug/L	27.7 J	313	61.2 J	24.9 J	
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	
7440-38-2	Arsenic	ug/L	2.6 U	2.6 U	2.6 U	2.6 U	
7440-39-3	Barium	ug/L	21.1 J	27.9 J	2.8 J	21.3 J	
7440-41-7	Beryllium	ug/L	0.071 U	0.071 U	0.071 U	0.09 J	
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.49 U	
7440-70-2	Calcium	ug/L	26000	30600	16800	27000	
7440-47-3	Chromium	ug/L	1 U	1.3 J	1 U	1 U	
7440-48-4	Cobalt	ug/L	3.2 U	3.2 U	3.2 U	3.2 U	
7440-50-8	Copper	ug/L	2.2 U	3.7 J	2.2 U	2.2 U	
7439-89-6	Iron	ug/L	109	734	919	101	
7439-92-1	Lead	ug/L	1.9 U	3.7	1.9 U	1.9 U	
7439-95-4	Magnesium	ug/L	17100	17300	4650 J	17700	
7439-96-5	Manganese	ug/L	98.5	320	116	96.9	
7439-97-6	Mercury	ug/L	0.047 J	0.058 J	0.045 U	0.05 J	
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	6.1 U	6.1 U	
7440-09-7	Potassium	ug/L	2380 J	2530 J	558 J	2720 J	
7782-49-2	Selenium	ug/L	2.6 J	2.1 U	2.1 U	2.1 U	
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U	
7440-23-5	Sodium	ug/L	83200	82800	1160 J	85400	
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	
7440-62-2	Vanadium	ug/L	1.8 U	1.8 U	1.8 U	1.8 U	
7440-66-6	Zinc	ug/L	20.1	24.3	15.2 J	11.6 J	
	OTHER						
Q356	Hardness, as CaCO3	mg/L	158	136	56	128	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SW2 C0H180282003 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW3 C0H180282004 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW4 C0H180282008 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW5 C0H180282012 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW6 C0H180282011 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW7 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC2-SW8 C0G260181001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-SW9 C0H180282010 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-TB-3 C0G310115003 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:									
	VOLATILES										
67-64-1	Acetone	ug/L	3.3 J	3.6 J	4.2 J	2.7 J	2.9 J	10 UJ	5.2 J	3 J	10 UJ
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	R	R	R	R	R	R	5 UJ	R	5 UJ
75-15-0	Carbon disulfide	ug/L	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2 UJ
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 U	5 UJ
100-42-5	Styrene	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	0.29 J	0.26 J	1 U	2.2	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SW2 C0H180282003 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW3 C0H180282004 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW4 C0H180282008 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW5 C0H180282012 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW6 C0H180282011 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW7 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC2-SW8 C0G260181001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-SW9 C0H180282010 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-TB-3 C0G310115003 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:									
	SEMIVOLATILES										
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	140	17	10 U	
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SW2 C0H180282003 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW3 C0H180282004 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW4 C0H180282008 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW5 C0H180282012 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW6 C0H180282011 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW7 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC2-SW8 C0G260181001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-SW9 C0H180282010 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-TB-3 C0G310115003 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:									
	SEMIVOLATILES CONT'D										
51-28-5	2,4-Dinitrophenol	ug/L	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 U	50 UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SW2 C0H180282003 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW3 C0H180282004 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW4 C0H180282008 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW5 C0H180282012 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW6 C0H180282011 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW7 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC2-SW8 C0G260181001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-SW9 C0H180282010 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-TB-3 C0G310115003 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:									
	PESTICIDES										
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-86-8	delta-BHC	ug/L	0.05 U	0.0052 JN	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.006 J	0.05 U	
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0043 JN	0.05 U	
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.012 JN	0.05 U	
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-54-8	4,4'-DDD	ug/L	0.05 U	0.019 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
	PCBs										
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SW2 C0H180282003 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW3 C0H180282004 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW4 C0H180282008 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW5 C0H180282012 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW6 C0H180282011 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-SW7 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC2-SW8 C0G260181001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-SW9 C0H180282010 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-TB-3 C0G310115003 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:									
	METALS										
7429-90-5	Aluminum	ug/L	4680	6840	2780	1110	15300	286	463	85 J	
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	
7440-38-2	Arsenic	ug/L	2.6 U	10.7	2.6 U	2.6 U	8.3 J	2.9 J	19.6	2.6 U	
7440-39-3	Barium	ug/L	27.3 J	48.6 J	51.7 J	18.7 J	165 J	18.1 J	5.4 J	15.8 J	
7440-41-7	Beryllium	ug/L	0.071 U	0.14 J	0.071 U	0.071 U	0.44 J	0.18 J	0.71 U	0.071 U	
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	
7440-70-2	Calcium	ug/L	9750	37700	17700	7360	17200	15600	22400	20400	
7440-47-3	Chromium	ug/L	4.1 J	6.6 J	2.5 J	1 J	19.1	1.1 J	4.9 J	1 U	
7440-48-4	Cobalt	ug/L	3.2 U	3.2 U	3.2 U	3.2 U	5.7 J	3.2 U	5.1 J	3.2 U	
7440-50-8	Copper	ug/L	3.8 J	2.2 U	4.6 J	9.8 J	24.4 J	6.3 J	35.4	3.7 J	
7439-89-6	Iron	ug/L	3430	5700	2900	1680	15500	6040	878	274	
7439-92-1	Lead	ug/L	2.7 J	5.1	2.7 J	3	27.2	2.7 J	3.1	1.9 U	
7439-95-4	Magnesium	ug/L	5330	16300	6740	3100 J	7980	5490	8670	8240	
7439-96-5	Manganese	ug/L	28.5	94.8	122	165	206	85.6	76.7	34.1	
7439-97-6	Mercury	ug/L	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.063 J	0.045 U	0.045 U	
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	6.1 U	6.1 U	13.4 J	6.1 U	9.8 J	6.1 U	
7440-09-7	Potassium	ug/L	1770 J	3450 J	1580 J	1010 J	6470	2970 J	2850 J	5920	
7782-49-2	Selenium	ug/L	2.7 J	2.2 J	2.1 U	2.1 U	2.9 J	2.2 J	2.8 J	2.1 U	
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	
7440-23-5	Sodium	ug/L	2050 J	23500	3770 J	2560 J	11200	7820	212000	2500 J	
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	
7440-62-2	Vanadium	ug/L	9 J	13.6 J	5.6 J	4.4 J	27.7 J	3.4 J	1.8 U	1.8 U	
7440-66-6	Zinc	ug/L	16.6 J	20.2	22.7	18.1 J	214	13.4 J	24.6	3.1 U	
	OTHER										
Q356	Hardness, as CaCO3	mg/L	61.8	185	61.8	41.2	65.9	65.9	86.2	86.5	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC8		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SW15 C0G190251002 STL Pittsburgh SADVA2 WATER 7/18/2000 10/10/2000	AOC8-SW16 C0G190251001 STL Pittsburgh SADVA2 WATER 7/18/2000 10/10/2000	AOC8-SW17 C0G140162005 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC8-SW18 C0G200279001 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW19 C0G200279002 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW20 C0G200279003 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW21 C0H080193002 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW22 C0H080193005 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW23 C0H080193003 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW24 C0G200279004 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	2.2 J
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	5 U	5 U	5 UJ	5 U	5 U	5 U	R	R	R R	5 U
75-15-0	Carbon disulfide	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 U
100-42-5	Styrene	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC8		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SW15 C0G190251002 STL Pittsburgh SADVA2 WATER 7/18/2000 10/10/2000	AOC8-SW16 C0G190251001 STL Pittsburgh SADVA2 WATER 7/18/2000 10/10/2000	AOC8-SW17 C0G140162005 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC8-SW18 C0G200279001 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW19 C0G200279002 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW20 C0G200279003 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW21 C0H080193002 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW22 C0H080193005 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW23 C0H080193003 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW24 C0G200279004 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	7.4 J	10 U	4.2 J	4.8 J	10 U	10 U	14	26	7.5 J	5.5 J
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC8		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SW15 C0G190251002 STL Pittsburgh SADVA2 WATER 7/18/2000 10/10/2000	AOC8-SW16 C0G190251001 STL Pittsburgh SADVA2 WATER 7/18/2000 10/10/2000	AOC8-SW17 C0G140162005 STL Pittsburgh SADVA2 WATER 7/13/2000 10/10/2000	AOC8-SW18 C0G200279001 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW19 C0G200279002 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW20 C0G200279003 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW21 C0H080193002 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW22 C0H080193005 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW23 C0H080193003 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW24 C0G200279004 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/L	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

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CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/L	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/L	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	PCBs											
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	ug/L	22.7 J	145 J	85.3 J	206	27.3 J	57.2 J	24.3 J	23.4 J	37.5 J	319
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
7440-38-2	Arsenic	ug/L	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
7440-39-3	Barium	ug/L	49.4 J	22.2 J	27.4 J	51.2 J	20.3 J	21.3 J	22.6 J	26.3 J	23.5 J	24.6 J
7440-41-7	Beryllium	ug/L	0.09 J	0.071 U	0.71 U	0.1 J	0.071 U	0.071 U	0.16 J	0.15 J	0.15 J	0.09 J
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
7440-70-2	Calcium	ug/L	210000	40100	63000	172000	39600	40600	61300	61800	60500	46500
7440-47-3	Chromium	ug/L	1.5 J	1.3 J	1 U	1 U	1 U	1.1 J	1 U	1 U	1 U	1.1 J
7440-48-4	Cobalt	ug/L	5.1 J	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
7440-50-8	Copper	ug/L	9.9 J	2.2 U	2.2 U	17.9 J	41	2.2 U	2.2 U	2.5 J	2.2 U	3.7 J
7439-89-6	Iron	ug/L	555	611	544	1360	425	474	660	998	691	974
7439-92-1	Lead	ug/L	2.6 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.1 J
7439-95-4	Magnesium	ug/L	41200	6760	11200	12000	6680	6820	9770	9600	9510	9150
7439-96-5	Manganese	ug/L	2020	33.8	107	1020	34	40.3	164	691	387	299
7439-97-6	Mercury	ug/L	0.051 J	0.045 U	0.045 U	0.064 J	0.045 U	0.045 U	0.065 J	0.086 J	0.075 J	0.045 U
7440-02-0	Nickel	ug/L	6.4 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.2 J	6.1 U
7440-09-7	Potassium	ug/L	3730 J	1740 J	642 J	1510 J	1340 J	1390 J	1020 J	1120 J	1450 J	4220 J
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
7440-22-4	Silver	ug/L	0.94 U	0.94	0.94 U	0.94 U	0.094 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U
7440-23-5	Sodium	ug/L	12500	10700	18600	20600	10500	13200	15000	14600	14300	26300
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
7440-62-2	Vanadium	ug/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3.4 J	1.8 U	1.8 U
7440-66-6	Zinc	ug/L	139	21.2	15.8 J	13.1 J	28.1	3.3 J	22.1	7 J	4.2 J	12.7 J

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC8		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SW25 C0G200279005 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW27 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW28 C0J050207001 STL Pittsburgh SADVA20 WATER 10/4/2000 12/3/2000	AOC8-SW29 C0J060306001 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC8-TB-1 C0G200279006 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
67-64-1	Acetone	ug/L	10 U	10 UJ	2.3 J	10 UJ	10 U
71-43-2	Benzene	ug/L	1 U	1 U	1 UJ	1 UJ	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 UJ	1 UJ	1 U	1 U	1 UJ
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	5 U	R	5 U	5 U	5 U
75-15-0	Carbon disulfide	ug/L	1 U	1 UJ	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 U	2 U	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 U	2 U	2 U	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 UJ	5 UJ	5 UJ	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 UJ	5 UJ	5 UJ	5 U
100-42-5	Styrene	ug/L	1 UJ	1 UJ	1 U	1 U	1 UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC8		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SW25 C0G200279005 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW27 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW28 C0J050207001 STL Pittsburgh SADVA20 WATER 10/4/2000 12/3/2000	AOC8-SW29 C0J060306001 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC8-TB-1 C0G200279006 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	11	10 U	10 U	10 U	
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC8		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SW25 C0G200279005 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW27 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW28 C0J050207001 STL Pittsburgh SADVA20 WATER 10/4/2000 12/3/2000	AOC8-SW29 C0J060306001 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC8-TB-1 C0G200279006 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES CONT'D						
51-28-5	2,4-Dinitrophenol	ug/L	50 U	50 U	50 U	50 U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC8		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SW25 C0G200279005 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW27 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW28 C0J050207001 STL Pittsburgh SADVA20 WATER 10/4/2000 12/3/2000	AOC8-SW29 C0J060306001 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC8-TB-1 C0G200279006 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	PESTICIDES						
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	
	PCBs						
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Surface Water Data - AOC8		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SW25 C0G200279005 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000	AOC8-SW27 C0H080193001 STL Pittsburgh SADVA9 WATER 8/7/2000 10/30/2000	AOC8-SW28 C0J050207001 STL Pittsburgh SADVA20 WATER 10/4/2000 12/3/2000	AOC8-SW29 C0J060306001 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC8-TB-1 C0G200279006 STL Pittsburgh SADVA2 WATER 7/19/2000 10/10/2000
CAS NO.	COMPOUND	UNITS:					
	METALS						
7429-90-5	Aluminum	ug/L	52.7 J	39.7 J	158 J	346	
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.8 J	
7440-38-2	Arsenic	ug/L	2.6 U	2.6 U	2.6 U	2.6 U	
7440-39-3	Barium	ug/L	21.1 J	22.5 J	25.8 J	45.7 J	
7440-41-7	Beryllium	ug/L	0.071 U	0.18 J	0.14 J	0.13 J	
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.49 U	
7440-70-2	Calcium	ug/L	40500	58700	64400	132000	
7440-47-3	Chromium	ug/L	1 U	1 U	1.4 J	1.4 J	
7440-48-4	Cobalt	ug/L	3.2 U	3.2 U	3.2 U	3.2 U	
7440-50-8	Copper	ug/L	2.5 J	2.2 U	2.2 U	6.8 J	
7439-89-6	Iron	ug/L	432	670	497	2380	
7439-92-1	Lead	ug/L	1.9 U	1.9 U	1.9 U	4.5	
7439-95-4	Magnesium	ug/L	6880	9200	11500	35800	
7439-96-5	Manganese	ug/L	40.3	376	105	107	
7439-97-6	Mercury	ug/L	0.058 J	0.057 J	0.093 J	0.046 J	
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	6.1 U	6.1 U	
7440-09-7	Potassium	ug/L	1530 J	1370 J	2640 J	2560 J	
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	2.1 U	2.1 U	
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U	
7440-23-5	Sodium	ug/L	11400	13800	13800	11100	
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	
7440-62-2	Vanadium	ug/L	1.8 U	3.7 J	2 J	4.6 J	
7440-66-6	Zinc	ug/L	8.1 J	3.9 J	3.9 J	75.2	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-GW01 C0H180282009 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-GW02 C0H180282007 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-HP01 C0G310115002 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP04 C0G280278001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-HP07 C0G310115001 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP09 C0G280286001 STL Pittsburgh SADVA9 WATER 7/26/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
67-64-1	Acetone	ug/L	10 U	10 U	21 J	10 UJ	2.6 J	10 UJ
71-43-2	Benzene	ug/L	1 U	1 U	3.6	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	R	R	3.9 J	5 UJ	5 UJ	5 UJ
75-15-0	Carbon disulfide	ug/L	1 U	0.59 J	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	0.57 J	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ
100-42-5	Styrene	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1.7	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-GW01 C0H180282009 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-GW02 C0H180282007 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-HP01 C0G310115002 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP04 C0G280278001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-HP07 C0G310115001 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP09 C0G280286001 STL Pittsburgh SADVA9 WATER 7/26/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 UJ	10 U	10 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	10 U	10 U	5.9 J	31	19	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 UJ	10 U	10 UJ
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	50 U	50 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-GW01 C0H180282009 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-GW02 C0H180282007 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-HP01 C0G310115002 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP04 C0G280278001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-HP07 C0G310115001 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP09 C0G280286001 STL Pittsburgh SADVA9 WATER 7/26/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES CONT'D							
51-28-5	2,4-Dinitrophenol	ug/L	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 UJ	50 U	50 UJ
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 UJ	10 U	10 UJ
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 UJ	50 U	50 UJ
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	10 U	3.1 J	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 UJ	10 U	10 UJ	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-GW01 C0H180282009 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-GW02 C0H180282007 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-HP01 C0G310115002 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP04 C0G280278001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-HP07 C0G310115001 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP09 C0G280286001 STL Pittsburgh SADVA9 WATER 7/26/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:						
	PESTICIDES							
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U	2 U
	PCBs							
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC2		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-GW01 C0H180282009 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-GW02 C0H180282007 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC2-HP01 C0G310115002 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP04 C0G280278001 STL Pittsburgh SADVA2 WATER 7/26/2000 10/10/2000	AOC2-HP07 C0G310115001 STL Pittsburgh SADVA9 WATER 7/28/2000 10/30/2000	AOC2-HP09 C0G280286001 STL Pittsburgh SADVA9 WATER 7/26/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:						
	METALS							
7429-90-5	Aluminum	ug/L	32.5 J	210	1230	1280	611	2610
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
7440-38-2	Arsenic	ug/L	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
7440-39-3	Barium	ug/L	23.7 J	22.3 J	54.3 J	81.2 J	46.6 J	85.1 J
7440-41-7	Beryllium	ug/L	0.071 U	0.071 U	0.17 J	0.23 J	0.071 U	0.22 J
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	6.1	0.49 U	0.49 U	0.49 U
7440-70-2	Calcium	ug/L	76000	114000	311000	364000	529000	573000
7440-47-3	Chromium	ug/L	1 U	1 U	2 J	3.6 J	1.4 J	4.3 J
7440-48-4	Cobalt	ug/L	3.2 U	3.2 U	46.6 J	3.4 J	4.7 J	5 J
7440-50-8	Copper	ug/L	3.9 J	2.2 U	4.4 J	5.8 J	6.8 J	5.4 J
7439-89-6	Iron	ug/L	17.1 J	1020	2480	1850	1130	4470
7439-92-1	Lead	ug/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
7439-95-4	Magnesium	ug/L	11100	55300	169000	241000	147000	242000
7439-96-5	Manganese	ug/L	9.2 J	298	1190	1310	1040	2160
7439-97-6	Mercury	ug/L	0.045 U	0.045 U	0.051 J	0.1 J	0.063 J	0.057 J
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	129	6.1 U	6.1 U	6.1 U
7440-09-7	Potassium	ug/L	10100	3630 J	7100	46000	14600	21900
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U	0.99 J	0.94 U
7440-23-5	Sodium	ug/L	6110	32600	23300	278000	48500	51600
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
7440-62-2	Vanadium	ug/L	4.1 J	4.4 J	7.2 J	3.7 J	1.8 U	11.3 J
7440-66-6	Zinc	ug/L	3.1 U	3.1 U	7.9 J	11.5 J	6.7 J	13.8 J

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC3		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-HP01 C0G250264001 STL Pittsburgh SADVA2 WATER 7/24/2000 10/10/2000	AOC3-HP02 C0G210256001 STL Pittsburgh SADVA2 WATER 7/20/2000 10/10/2000	AOC3-HP03 C0G210256002 STL Pittsburgh SADVA2 WATER 7/20/2000 10/10/2000	AOC3-HP04 C0G240118002 STL Pittsburgh SADVA2 WATER 7/21/2000 10/10/2000	AOC3-HP05 C0G250264002 STL Pittsburgh SADVA2 WATER 7/24/2000 10/10/2000	AOC3-SB06R C0G240118001 STL Pittsburgh SADVA2 WATER 7/21/2000 10/10/2000	AOC3MW-1 C0K010279001 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	AOC3MW-2 C0K010279002 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	Dup of AOC3MW-2 AOC3MW-102 C0K010279004 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	AOC3MW-3 C0K010279003 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/L	10 U	10 U	10 U	10 U	10 U	21 J	10 UJ	2.2 J	10 UJ	10 UJ
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	9	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	5 UJ	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	10 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	25 UJ	5 U	5 U	5 U	5 U
75-15-0	Carbon disulfide	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	5 UJ	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	46	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	10 UJ	2 UJ	2 UJ	2 UJ	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	10 UJ	2 U	2 U	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	78	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	3.3	1 U	1 U	1 U	65	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	11	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	72	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 UJ	5 UJ	5 UJ	5 U	25 UJ	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 UJ	5 UJ	5 UJ	5 U	25 UJ	5 U	5 U	5 U	5 U
100-42-5	Styrene	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	5 UJ	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1.3	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	15	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	21	1 U	1 U	1 U	1.9 J	1 U	2	2.1	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	130	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	210	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC3		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-HP01 C0G250264001 STL Pittsburgh SADVA2 WATER 7/24/2000 10/10/2000	AOC3-HP02 C0G210256001 STL Pittsburgh SADVA2 WATER 7/20/2000 10/10/2000	AOC3-HP03 C0G210256002 STL Pittsburgh SADVA2 WATER 7/20/2000 10/10/2000	AOC3-HP04 C0G240118002 STL Pittsburgh SADVA2 WATER 7/21/2000 10/10/2000	AOC3-HP05 C0G250264002 STL Pittsburgh SADVA2 WATER 7/24/2000 10/10/2000	AOC3-SB06R C0G240118001 STL Pittsburgh SADVA2 WATER 7/21/2000 10/10/2000	AOC3MW-1 C0K010279001 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	AOC3MW-2 C0K010279002 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	Dup of AOC3MW-2 AOC3MW-102 C0K010279004 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	AOC3MW-3 C0K010279003 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	37	19	10 U	10	8.5 J	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	6.3 J	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	6.4 J	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC3		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-HP01 C0G250264001 STL Pittsburgh SADVA2 WATER 7/24/2000 10/10/2000	AOC3-HP02 C0G210256001 STL Pittsburgh SADVA2 WATER 7/20/2000 10/10/2000	AOC3-HP03 C0G210256002 STL Pittsburgh SADVA2 WATER 7/20/2000 10/10/2000	AOC3-HP04 C0G240118002 STL Pittsburgh SADVA2 WATER 7/21/2000 10/10/2000	AOC3-HP05 C0G250264002 STL Pittsburgh SADVA2 WATER 7/24/2000 10/10/2000	AOC3-SB06R C0G240118001 STL Pittsburgh SADVA2 WATER 7/21/2000 10/10/2000	AOC3MW-1 C0K010279001 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	AOC3MW-2 C0K010279002 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	Dup of AOC3MW-2 AOC3MW-102 C0K010279004 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000	AOC3MW-3 C0K010279003 STL Pittsburgh SADVA21 WATER 10/31/2000 12/7/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	13	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

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CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.016 JN	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	PCBs											
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	ug/L	1680	6700	28000	6740	2460	527	26800	36900	41900	11800
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.8 J	1.5 U	2.8 J	1.5 U	1.5 U	1.5 U	1.5 U
7440-38-2	Arsenic	ug/L	2.6 U	2.6 U	10.3	18.3	2.6 U	2.6 U	11.7	16.5	18.9	5 J
7440-39-3	Barium	ug/L	32.1 J	60.8 J	178 J	408	36.5 J	582	181 J	263	291	108 J
7440-41-7	Beryllium	ug/L	0.21 J	0.38 J	1.3 J	0.44 J	0.18 J	0.12 J	1.2 J	1.9 J	2.2 J	0.6 J
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
7440-70-2	Calcium	ug/L	40000	46700	46400	231000	40000	221000	42400	74700	75900	65600
7440-47-3	Chromium	ug/L	2.5 J	8.8 J	39.6	7.4 J	3.4 J	7 J	37.7	47.5	53.1	16.2
7440-48-4	Cobalt	ug/L	3.2 U	4 J	27.4 J	4.9 J	3.2 U	4.1 J	18.3 J	31.6 J	38.2 J	6.9 J
7440-50-8	Copper	ug/L	10.5 J	6.6 J	39.1	8.6 J	9.5 J	7.3 J	42.4	65.4	77.1	20.9 J
7439-89-6	Iron	ug/L	2100	7180	38400	17100	2960	12200	37200	60900	71400	18100
7439-92-1	Lead	ug/L	2.1 J	3.1	14.5	3.3	2.4 J	69.2	18.5	26.1	29.9	7.5
7439-95-4	Magnesium	ug/L	12700	15100	16700	31200	12900	36500	17500	28200	30000	17800
7439-96-5	Manganese	ug/L	61.6	168	1170	1390	82	1140	1020	1530	1760	1000
7439-97-6	Mercury	ug/L	0.049 J	0.045 U	0.11 J	0.072 J	0.045 U	0.045 U	0.045 U	0.045 U	0.1 J	0.062 J
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	47.7	6.1 U	6.1 U	6.1 U	29.2 J	60.9	69.8	22.1 J
7440-09-7	Potassium	ug/L	4170 J	3960 J	11200	4620 J	4180 J	11900	10700	11800	13200	7790
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	2.7 J	2.1 U	2.1 U	2.1 U	2.1 J	3.9 J	2.1 U	2.1 U
7440-22-4	Silver	ug/L	0.94 U	0.094 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U
7440-23-5	Sodium	ug/L	77600	30400	38100	16800	78400	47600	24600	37300	36200	42200
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
7440-62-2	Vanadium	ug/L	1.8 U	8.3 J	44.4 J	9.6 J	1.8 U	1.8 U	47.6 J	62.6	77.2	21.1 J
7440-66-6	Zinc	ug/L	14 J	27	116	37.8	14.2 J	40	104	174	203	54.3
	OTHER											
Q356	Hardness, as CaCO3	mg/L										

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC3		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3MW-4-2 C0K020216001 STL Pittsburgh SADVA21 WATER 11/1/2000 12/7/2000	AOC3MW-1 C1E230220001 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-2 C1E230220005 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	Dup of AOC3MW-2 AOC3MW-102 C1E230220006 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-3 C1E230220003 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-4-2 C1E230220004 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-5 C1E220187002 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC3MW-6 C1E230220002 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-7 C1E220187001 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:									
	VOLATILES										
67-64-1	Acetone	ug/L	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.1 J
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon disulfide	ug/L	1 U	1 UJ	1.1 J	1 UJ	1 UJ	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1.7	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
100-42-5	Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1.8 J	1 UJ	1 U	1 U	4.8	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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CAS NO.	COMPOUND	UNITS:									
	SEMIVOLATILES										
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.2 J
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.6 J
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

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CAS NO.	COMPOUND	UNITS:									
	SEMIVOLATILES CONT'D										
51-28-5	2,4-Dinitrophenol	ug/L	50 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 UJ	50 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

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CAS NO.	COMPOUND	UNITS:									
	PESTICIDES										
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.012 J	0.01 JN	0.05 U	0.05 U	0.05 U	0.05 U
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
	PCBs										
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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CAS NO.	COMPOUND	UNITS:									
	METALS										
7429-90-5	Aluminum	ug/L	2010	16900	2010	2590	10500	122000	5220	21100	15700
7440-36-0	Antimony	ug/L	1.5 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U
7440-38-2	Arsenic	ug/L	2.6 U	6.8 J	2 U	2 U	3.5 J	49	2.4 J	8.4 J	6.3 J
7440-39-3	Barium	ug/L	31.6 J	116 J	41.4 J	43 J	80.8 J	695	51.2 J	143 J	119 J
7440-41-7	Beryllium	ug/L	0.08 J	0.61 J	0.077 U	0.077 U	0.27 J	5.6	0.077 U	0.72 J	0.53 J
7440-43-9	Cadmium	ug/L	0.49 U	0.63 U	0.63 U	0.63 U	0.63 U	2.1 J	0.63 U	0.63 U	0.63 U
7440-70-2	Calcium	ug/L	59700	47400	61800	60900	39000	73000	49600	48900	58000
7440-47-3	Chromium	ug/L	3.2 J	22.6	3.7 J	4.3 J	13.4	189	7.9 J	24.9	18.9
7440-48-4	Cobalt	ug/L	3.2 U	13.8 J	2.6 U	2.6 U	6.5 J	113	3.6 J	14.6 J	12.6 J
7440-50-8	Copper	ug/L	4.4 J	24.5 J	10.6 J	6.3 J	18.4 J	268	10.7 J	33.6	25.7
7439-89-6	Iron	ug/L	2240	20500	2310	3070	13100	225000	6610	26900	20200
7439-92-1	Lead	ug/L	2.2 J	10.4	2.7 J	3.4	7.9	91.8	4.9	13.7	11.1
7439-95-4	Magnesium	ug/L	11200	17000	15900	15700	11500	54800	12800	15200	16500
7439-96-5	Manganese	ug/L	45.8	594	244	257	437	6390	276	685	610
7439-97-6	Mercury	ug/L	0.045 U	0.11 J	0.066 J	0.054 U	0.054 U	0.4	0.054 U	0.054 U	0.054 U
7440-02-0	Nickel	ug/L	6.1 U	25.8 J	7.9 U	8.9 J	10.3 J	222	7.9 U	21.6 J	25.5 J
7440-09-7	Potassium	ug/L	2650 J	7730	2810 J	2730 J	5900	27800	4040 J	8010	6640
7782-49-2	Selenium	ug/L	2.1 U	3.2 U	3.2 U	3.2 U	3.2 U	5.8	3.2 U	4.7 J	3.2 U
7440-22-4	Silver	ug/L	0.94 U	0.75 U	1.1 J	0.75 U	0.75 U	1.4 J	0.75 U	0.75 U	0.75 U
7440-23-5	Sodium	ug/L	21100	33600	37800	36400	30700	24700	36200	17100	31900
7440-28-0	Thallium	ug/L	4.3 J	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
7440-62-2	Vanadium	ug/L	3.7 J	31.6 J	5.7 J	5.6 J	17.8 J	203	10.4 J	37.2 J	29.5 J
7440-66-6	Zinc	ug/L	7.6 J	62.6	16.8 J	14.6 J	48.1	667	36.7	101	79.5
	OTHER										
Q356	Hardness, as CaCO3	mg/L									

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC7		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-2AMW-17 C0H170224004 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC7-2AMW-5 C0H170224001 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC7-2AMW-7 C0H170224003 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC7-HP01 C0H030315001 STL Pittsburgh SADVA9 WATER 8/2/2000 10/30/2000	AOC7-HP02 C0H010177001 STL Pittsburgh SADVA9 WATER 7/31/2000 10/30/2000	AOC7-HP03 C0H010177002 STL Pittsburgh SADVA9 WATER 7/31/2000 10/30/2000	AOC7-HP04 C0H030315002 STL Pittsburgh SADVA9 WATER 8/2/2000 10/30/2000	AOC7-TB-4 C0H010177003 STL Pittsburgh SADVA9 WATER 7/31/2000 10/30/2000
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
67-64-1	Acetone	ug/L	10 U	10 U	10 U	3.3 J	2.4 J	10 UJ	4.2 J	10 UJ
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	R	R	R	R	5 UJ	5 UJ	5 UJ	5 UJ
75-15-0	Carbon disulfide	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 U	5 UJ
100-42-5	Styrene	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES									
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	5.9 J	15	27 J	69	100	13	8.5 J	
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	

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CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES CONT'D									
51-28-5	2,4-Dinitrophenol	ug/L	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	

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CAS NO.	COMPOUND	UNITS:								
	PESTICIDES									
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.023 J	0.05 U	
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.035 JN	0.05 U	
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.087	0.05 U	
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
	PCBs									
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	

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CAS NO.	COMPOUND	UNITS:								
	METALS									
7429-90-5	Aluminum	ug/L	3560	1600	2600	5940	389000	19600	5310	
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	2.9 U	1.5 U	1.5 U	
7440-38-2	Arsenic	ug/L	2.6 U	14.7	2.6 U	4.8 J	207	10.2	2.7 J	
7440-39-3	Barium	ug/L	33.8 J	44.6 J	27.4 J	85 J	1990	187 J	72.3 J	
7440-41-7	Beryllium	ug/L	0.12 J	0.071 U	0.071 U	0.37 J	20.7	1.2 J	0.41 J	
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	0.49 U	0.49 U	9.1 J	0.49 U	0.49 U	
7440-70-2	Calcium	ug/L	238000	250000	212000	251000	694000	147000	255000	
7440-47-3	Chromium	ug/L	4 J	1.8 J	3.1 J	11.9	544	31.1	11.2	
7440-48-4	Cobalt	ug/L	3.2 U	3.2 U	3.2 U	3.8 J	423	15 J	3.2 U	
7440-50-8	Copper	ug/L	6.8 J	63.3 U	10.3 J	13.8 J	989	37.7	13.3 J	
7439-89-6	Iron	ug/L	3010	3880	2390	9920	912000	31200	8910	
7439-92-1	Lead	ug/L	2 J	5.2	1.9 U	4.2	388	12.1	4.9	
7439-95-4	Magnesium	ug/L	111000	49500	82900	106000	313000	40000	96200	
7439-96-5	Manganese	ug/L	1980	124	2700	461	16200	989	422	
7439-97-6	Mercury	ug/L	0.045 U	0.045 U	0.045 U	0.069 J	0.97	0.067 J	0.06 J	
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	6.1 U	12.4 J	857	46.5	8.1 J	
7440-09-7	Potassium	ug/L	2270 J	7460	1920 J	46800	73700	17100	32000	
7782-49-2	Selenium	ug/L	2.1 U	2.3 J	2.1 U	2.1 U	4.2 U	2.1 U	2.1 U	
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U	4.1 J	0.94 U	0.94 U	
7440-23-5	Sodium	ug/L	15900	8780	12100	143000	74700	14300	134000	
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	7.8	3.9 U	3.9 U	
7440-62-2	Vanadium	ug/L	10.1 J	4.4 J	9 J	15.8 J	704	41.5 J	15.6 J	
7440-66-6	Zinc	ug/L	22.3	17.5 J	13.7 J	56.9	2090	109	46.8	

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC9		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-COEMW-10 C0H180282002 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-11 C0H180282001 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-12 C0H180282005 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC9-MW9 C0H170224005 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	TB-5 C0H030315003 STL Pittsburgh SADVA9 WATER 8/2/2000 10/30/2000	TB-6 C0H180282013 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	TB-7 C0J060306002 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
67-64-1	Acetone	ug/L	10 U	10 U	2.4 J	2.2 J	10 UJ	10 U	10 UJ	NA
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	NA
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
75-25-2	Bromoform	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	NA
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	NA
78-93-3	2-Butanone	ug/L	R	R	R	R	R	R	5 U	NA
75-15-0	Carbon disulfide	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 U	NA
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
74-87-3	Chloromethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 U	NA
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	NA
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 UJ	5 U	5 UJ	NA
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 UJ	5 U	5 UJ	NA
100-42-5	Styrene	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	NA
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	NA
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
108-88-3	Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC9		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-COEMW-10 C0H180282002 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-11 C0H180282001 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-12 C0H180282005 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC9-MW9 C0H170224005 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	TB-5 C0H030315003 STL Pittsburgh SADVA9 WATER 8/2/2000 10/30/2000	TB-6 C0H180282013 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	TB-7 C0J060306002 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES									
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U				NA
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U				NA
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U				NA
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U				NA
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U				NA
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U				NA
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U				NA
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U				NA
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U				NA
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U				NA
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	10 U	4.1 J	10 U	7.6 J				NA
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U				NA
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U				NA
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U				NA
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U				NA
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U				NA
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U				NA
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U				NA
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U				NA
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U				NA
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U				NA
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U				NA
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U				NA
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U				NA
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U				NA
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U				NA
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U				NA
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U				NA
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U				NA
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U				NA
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U				NA
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U				NA

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC9		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-COEMW-10 C0H180282002 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-11 C0H180282001 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-12 C0H180282005 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC9-MW9 C0H170224005 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	TB-5 C0H030315003 STL Pittsburgh SADVA9 WATER 8/2/2000 10/30/2000	TB-6 C0H180282013 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	TB-7 C0J060306002 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES CONT'D									
51-28-5	2,4-Dinitrophenol	ug/L	50 UJ	50 UJ	50 UJ	50 U				NA
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U				NA
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U				NA
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U				NA
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U				NA
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U				NA
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U				NA
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U				NA
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U				NA
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U				NA
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U				NA
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U				NA
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U				NA
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U				NA
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U				NA
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U				NA
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U				NA
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U				NA
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U				NA
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U				NA
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U				NA
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U				NA
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U				NA
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U				NA
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U				NA
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U				NA
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U				NA
108-95-2	Phenol	ug/L	10 U	4.4 J	10 U	10 U				NA
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U				NA
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U				NA
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U				NA
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U				NA

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC9		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-COEMW-10 C0H180282002 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-11 C0H180282001 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-12 C0H180282005 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC9-MW9 C0H170224005 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	TB-5 C0H030315003 STL Pittsburgh SADVA9 WATER 8/2/2000 10/30/2000	TB-6 C0H180282013 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	TB-7 C0J060306002 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:								
	PESTICIDES									
319-84-6	alpha-BHC	ug/L								NA
319-85-7	beta-BHC	ug/L								NA
319-86-8	delta-BHC	ug/L								NA
58-89-9	gamma-BHC (Lindane)	ug/L								NA
76-44-8	Heptachlor	ug/L								NA
309-00-2	Aldrin	ug/L								NA
1024-57-3	Heptachlor epoxide	ug/L								NA
959-98-8	Endosulfan I	ug/L								NA
60-57-1	Dieldrin	ug/L								NA
72-55-9	4,4'-DDE	ug/L								NA
72-20-8	Endrin	ug/L								NA
53494-70-5	Endrin ketone	ug/L								NA
7421-93-4	Endrin aldehyde	ug/L								NA
33213-65-9	Endosulfan II	ug/L								NA
72-54-8	4,4'-DDD	ug/L								NA
1031-07-8	Endosulfan sulfate	ug/L								NA
50-29-3	4,4'-DDT	ug/L								NA
72-43-5	Methoxychlor	ug/L								NA
5103-71-9	alpha-Chlordane	ug/L								NA
5103-74-2	gamma-Chlordane	ug/L								NA
8001-35-2	Toxaphene	ug/L								NA
	PCBs									NA
12674-11-2	Aroclor 1016	ug/L								NA
11104-28-2	Aroclor 1221	ug/L								NA
11141-16-5	Aroclor 1232	ug/L								NA
53469-21-9	Aroclor 1242	ug/L								NA
12672-29-6	Aroclor 1248	ug/L								NA
11097-69-1	Aroclor 1254	ug/L								NA
11096-82-5	Aroclor 1260	ug/L								NA

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Groundwater Data - AOC9		SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-COEMW-10 C0H180282002 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-11 C0H180282001 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	AOC9-COEMW-12 C0H180282005 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	AOC9-MW9 C0H170224005 STL Pittsburgh SADVA14 WATER 8/16/2000 11/2/2000	TB-5 C0H030315003 STL Pittsburgh SADVA9 WATER 8/2/2000 10/30/2000	TB-6 C0H180282013 STL Pittsburgh SADVA14 WATER 8/17/2000 11/2/2000	TB-7 C0J060306002 STL Pittsburgh SADVA20 WATER 10/5/2000 12/3/2000	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:								
	METALS									
7429-90-5	Aluminum	ug/L	461	738	7300	6010				3450
7440-36-0	Antimony	ug/L	1.5 U	1.5 U	1.5 U	1.5 U				4.1 U
7440-38-2	Arsenic	ug/L	2.6 U	2.6 U	2.6 U	69.7				8.9 J
7440-39-3	Barium	ug/L	48.2 J	25.2 J	62.1 J	127 J				75 J
7440-41-7	Beryllium	ug/L	0.071 U	0.071 U	0.17 J	0.58 J				0.077 U
7440-43-9	Cadmium	ug/L	0.49 U	0.49 U	2.3 J	0.49 U				0.63 U
7440-70-2	Calcium	ug/L	209000	90700	75800	131000				141000
7440-47-3	Chromium	ug/L	1 U	1 U	10 J	6.9 J				5.2 J
7440-48-4	Cobalt	ug/L	3.2 U	3.2 U	3.4 J	6.8 J				3.5 J
7440-50-8	Copper	ug/L	2.2 U	2.2 U	31.9	3.4 J				6 J
7439-89-6	Iron	ug/L	500	505	8240	53800				12200
7439-92-1	Lead	ug/L	1.9 U	1.9 U	6.6	2.2 J				2.1 J
7439-95-4	Magnesium	ug/L	51100	2740 J	30500	30400				33200
7439-96-5	Manganese	ug/L	32.5	124	330	823				1500
7439-97-6	Mercury	ug/L	0.045 U	0.052 J	0.046 J	0.045 U				0.054 U
7440-02-0	Nickel	ug/L	6.1 U	6.1 U	6.1 U	6.1 U				7.9 U
7440-09-7	Potassium	ug/L	606 J	3940 J	2530 J	2710 J				1410 J
7782-49-2	Selenium	ug/L	2.1 U	2.2 J	2.3 J	2.3 J				3.2 U
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U				0.75 U
7440-23-5	Sodium	ug/L	17000	32300	251000	29800				42000
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U				5.7 U
7440-62-2	Vanadium	ug/L	4.3 J	3.5 J	15.2 J	18.2 J				9.1 J
7440-66-6	Zinc	ug/L	3.1 U	3.1 U	646	15.5 J				30.1
	OTHER									
Q356	Hardness, as CaCO3	mg/L								

ATTACHMENT A-2

VALIDATED LABORATORY DATA FOR SOIL AND SEDIMENT

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC1		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SD04 C0G140158001 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD05 C0G140158005 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD06 C0G140158003 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD07 C0G140158004 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD08 C0G140158002 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
67-64-1	Acetone	ug/kg	7.5 J	30 U	89 UJ	5.1 J	6.6 J
71-43-2	Benzene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
75-27-4	Bromodichloromethane	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
75-25-2	Bromoform	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	35 UJ	30 UJ	89 UJ	34 UJ	38 UJ
75-15-0	Carbon disulfide	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
56-23-5	Carbon tetrachloride	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
108-90-7	Chlorobenzene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
124-48-1	Dibromochloromethane	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
75-00-3	Chloroethane	ug/kg	18 UJ	15 UJ	44 UJ	17 UJ	19 UJ
67-66-3	Chloroform	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
74-87-3	Chloromethane	ug/kg	18 U	15 U	44 UJ	17 U	19 U
75-34-3	1,1-Dichloroethane	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
107-06-2	1,2-Dichloroethane	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
75-35-4	1,1-Dichloroethene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
78-87-5	1,2-Dichloropropane	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
100-41-4	Ethylbenzene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
591-78-6	2-Hexanone	ug/kg	35 UJ	30 UJ	89 UJ	34 UJ	38 UJ
75-09-2	Methylene chloride	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	35 UJ	30 UJ	89 UJ	34 UJ	38 UJ
100-42-5	Styrene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
127-18-4	Tetrachloroethene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
108-88-3	Toluene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
79-01-6	Trichloroethene	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U
75-01-4	Vinyl chloride	ug/kg	18 U	15 U	44 UJ	17 U	19 U
1330-20-7	Xylenes (total)	ug/kg	8.8 U	7.4 U	22 UJ	8.6 U	9.6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC1		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SD04 C0G140158001 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD05 C0G140158005 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD06 C0G140158003 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD07 C0G140158004 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD08 C0G140158002 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
83-32-9	Acenaphthene	ug/kg	700	490 U	1500 UJ	570 U	660
208-96-8	Acenaphthylene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
120-12-7	Anthracene	ug/kg	1200	490 U	1500 UJ	570 U	1500
56-55-3	Benzo(a)anthracene	ug/kg	2400	17 J	94 J	570 U	2400
50-32-8	Benzo(a)pyrene	ug/kg	2200	18 J	110 J	570 U	2100
205-99-2	Benzo(b)fluoranthene	ug/kg	1900	19 J	160 J	570 U	1900
207-08-9	Benzo(k)fluoranthene	ug/kg	2300	22 J	130 J	570 U	2300
191-24-2	Benzo(ghi)perylene	ug/kg	570 J	490 U	1500 UJ	570 U	500 J
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	390 J	15 J	100 J	25 J	290 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
85-68-7	Butyl benzyl phthalate	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
86-74-8	Carbazole	ug/kg	740	490 U	1500 UJ	570 U	690
106-47-8	4-Chloroaniline	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
91-58-7	2-Chloronaphthalene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
95-57-8	2-Chlorophenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
218-01-9	Chrysene	ug/kg	2400	23 J	140 J	570 U	2300
53-70-3	Dibenz(a,h)anthracene	ug/kg	280 J	490 U	1500 UJ	570 U	260 J
132-64-9	Dibenzofuran	ug/kg	300 J	490 U	1500 UJ	570 U	310 J
95-50-1	1,2-Dichlorobenzene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
541-73-1	1,3-Dichlorobenzene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
106-46-7	1,4-Dichlorobenzene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	2800 U	2400 U	7100 UJ	2800 U	3100 U
120-83-2	2,4-Dichlorophenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
84-66-2	Diethyl phthalate	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
105-67-9	2,4-Dimethylphenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
131-11-3	Dimethyl phthalate	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
84-74-2	Di-n-butyl phthalate	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
117-84-0	Di-n-octyl phthalate	ug/kg	580 U	490 U	1500 UJ	570 U	630 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC1		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SD04 C0G140158001 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD05 C0G140158005 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD06 C0G140158003 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD07 C0G140158004 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD08 C0G140158002 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES CONT'D						
51-28-5	2,4-Dinitrophenol	ug/kg	2800 UJ	2400 UJ	7100 UJ	2800 UJ	3100 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	2800 U	2400 U	7100 UJ	2800 U	3100 U
121-14-2	2,4-Dinitrotoluene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
606-20-2	2,6-Dinitrotoluene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
206-44-0	Fluoranthene	ug/kg	4700	490 U	300 J	570 U	5400
86-73-7	Fluorene	ug/kg	590	490 U	1500 UJ	570 U	650
118-74-1	Hexachlorobenzene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
87-68-3	Hexachlorobutadiene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	2800 U	2400 U	7100 UJ	2800 U	3100 U
67-72-1	Hexachloroethane	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	650	490 U	1500 UJ	570 U	580 J
78-59-1	Isophorone	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
91-57-6	2-Methylnaphthalene	ug/kg	130 J	490 U	230 J	570 U	90 J
95-48-7	2-Methylphenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
106-44-5	4-Methylphenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
91-20-3	Naphthalene	ug/kg	300 J	490 U	190 J	570 U	150 J
88-74-4	2-Nitroaniline	ug/kg	2800 U	2400 U	7100 UJ	2800 U	3100 U
99-09-2	3-Nitroaniline	ug/kg	2800 U	2400 U	7100 UJ	2800 U	3100 U
100-01-6	4-Nitroaniline	ug/kg	2800 U	2400 U	7100 UJ	2800 U	3100 U
98-95-3	Nitrobenzene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
88-75-5	2-Nitrophenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
100-02-7	4-Nitrophenol	ug/kg	2800 U	2400 U	7100 UJ	2800 U	3100 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	580 UJ	490 UJ	1500 UJ	570 UJ	630 UJ
87-86-5	Pentachlorophenol	ug/kg	2800 U	2400 U	7100 UJ	2800 U	3100 U
85-01-8	Phenanthrene	ug/kg	5200	490 U	160 J	570 U	5800
108-95-2	Phenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
129-00-0	Pyrene	ug/kg	3500	24 J	180 J	570 U	3600
120-82-1	1,2,4-Trichlorobenzene	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	580 U	490 U	1500 UJ	570 U	630 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC1		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SD04 C0G140158001 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD05 C0G140158005 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD06 C0G140158003 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD07 C0G140158004 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD08 C0G140158002 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000
CAS NO.	COMPOUND	UNITS:					
	PESTICIDES						
319-84-6	alpha-BHC	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
319-85-7	beta-BHC	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
319-86-8	delta-BHC	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
58-89-9	gamma-BHC (Lindane)	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
76-44-8	Heptachlor	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
309-00-2	Aldrin	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
1024-57-3	Heptachlor epoxide	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
959-98-8	Endosulfan I	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
60-57-1	Dieldrin	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
72-55-9	4,4'-DDE	ug/kg	21 J	0.22 JN	540 J	18	32 J
72-20-8	Endrin	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
53494-70-5	Endrin ketone	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
7421-93-4	Endrin aldehyde	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
33213-65-9	Endosulfan II	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
72-54-8	4,4'-DDD	ug/kg	42 J	2.5 U	2400 J	2 J	54 J
1031-07-8	Endosulfan sulfate	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
50-29-3	4,4'-DDT	ug/kg	130	2.5 U	630 J	1.3 J	110 J
72-43-5	Methoxychlor	ug/kg	58 U	4.9 U	290 UJ	5.7 U	63 U
5103-71-9	alpha-Chlordane	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
5103-74-2	gamma-Chlordane	ug/kg	30 U	2.5 U	150 UJ	2.9 U	33 U
8001-35-2	Toxaphene	ug/kg	1200 U	100 U	6000 UJ	120 U	1300 U
	PCBs						
12674-11-2	Aroclor 1016	ug/kg	58 U	49 U	150 UJ	57 U	63 U
11104-28-2	Aroclor 1221	ug/kg	58 U	49 U	150 UJ	57 U	63 U
11141-16-5	Aroclor 1232	ug/kg	58 U	49 U	150 UJ	57 U	63 U
53469-21-9	Aroclor 1242	ug/kg	58 U	49 U	150 UJ	57 U	63 U
12672-29-6	Aroclor 1248	ug/kg	58 U	49 U	150 UJ	57 U	63 U
11097-69-1	Aroclor 1254	ug/kg	69	49 U	150 UJ	57 U	290
11096-82-5	Aroclor 1260	ug/kg	58 U	49 U	250 J	57 U	63 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC1		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC1-SD04 C0G140158001 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD05 C0G140158005 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD06 C0G140158003 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD07 C0G140158004 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC1-SD08 C0G140158002 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000
CAS NO.	COMPOUND	UNITS:					
	METALS						
7429-90-5	Aluminum	mg/kg	15300	16400	9440 J	12600	12600
7440-36-0	Antimony	mg/kg	7.9 J	0.22 UJ	2.1 J	0.25 UJ	6.8 J
7440-38-2	Arsenic	mg/kg	9.5	2.5	9.1 J	7.6	7
7440-39-3	Barium	mg/kg	205	128	71.6 J	258	216
7440-41-7	Beryllium	mg/kg	7.6	0.89	3.2 J	0.81 J	7
7440-43-9	Cadmium	mg/kg	1.2	0.55 J	1.1 J	1.1	0.96
7440-70-2	Calcium	mg/kg	29900	5070	4850 J	2230	20200
7440-47-3	Chromium	mg/kg	359	15.3	60.3 J	16.9	193
7440-48-4	Cobalt	mg/kg	47.4	6.2 J	12.7 J	22.3	38.5
7440-50-8	Copper	mg/kg	478	17.2	298 J	24.1	491
7439-89-6	Iron	mg/kg	86800	15200	22900 J	31200	54800
7439-92-1	Lead	mg/kg	2440 J	23.1 J	442 J	16.3 J	1300 J
7439-95-4	Magnesium	mg/kg	6080	3240	4300 J	3940	3500
7439-96-5	Manganese	mg/kg	918	98	209 J	4800	553
7439-97-6	Mercury	mg/kg	0.038 J	0.083	0.11 J	0.029 J	0.036 J
7440-02-0	Nickel	mg/kg	124	17.4	47.5 J	25.1	114
7440-09-7	Potassium	mg/kg	1330	1150	1440 J	956	1230
7782-49-2	Selenium	mg/kg	0.37 U	0.65 J	1.5 J	1.8 U	0.4 U
7440-22-4	Silver	mg/kg	0.49 J	0.14 U	0.66 J	0.47 J	0.42 J
7440-23-5	Sodium	mg/kg	630 J	108 J	680 J	84.5 J	677 J
7440-28-0	Thallium	mg/kg	0.68 U	0.58	1.7 UJ	3.3 U	0.74 U
7440-62-2	Vanadium	mg/kg	97	22.8	49.4 J	25.6	89.9
7440-66-6	Zinc	mg/kg	2960	76.5	979 J	87.1	2630
	OTHER						
7440-44-0	Total Organic Carbon	mg/kg	20400	53600	98300 J	14400	22800
Q1082	Percent Solids	%	56.9	67.3	22.5	58	52.2

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SD1 C0G240117001 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD2 C0G240117002 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD3 C0G240117003 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD4 C0G240117004 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD5 C0G240117005 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD6 C0G240117006 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD7 C0G240112006 0-0.5' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC2-SD8 C0G280267004 0-0.5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-SD9 COH180281002 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-TP03B C0H150136001 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	32 UJ	47 UJ	37 UJ	57 UJ	110 UJ	32 UJ	36 U	24 UJ	30 UJ	24 UJ
71-43-2	Benzene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
75-27-4	Bromodichloromethane	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
75-25-2	Bromoform	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	15 U	R
78-93-3	2-Butanone	ug/kg	32 UJ	47 UJ	37 UJ	57 UJ	110 UJ	32 UJ	36 UJ	R	30 UJ	24 UJ
75-15-0	Carbon disulfide	ug/kg	8 UJ	12 UJ	9.2 UJ	14 UJ	29 UJ	8.1 UJ	9 UJ	6 U	7.4 U	6.1 U
56-23-5	Carbon tetrachloride	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
108-90-7	Chlorobenzene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
124-48-1	Dibromochloromethane	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
75-00-3	Chloroethane	ug/kg	16 UJ	23 UJ	18 UJ	28 UJ	57 UJ	16 UJ	18 UJ	R	15 U	12 U
67-66-3	Chloroform	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
74-87-3	Chloromethane	ug/kg	16 U	23 UJ	18 U	28 UJ	57 UJ	16 U	18 U	12 U	15 U	12 U
75-34-3	1,1-Dichloroethane	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
107-06-2	1,2-Dichloroethane	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
75-35-4	1,1-Dichloroethene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
78-87-5	1,2-Dichloropropane	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
100-41-4	Ethylbenzene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
591-78-6	2-Hexanone	ug/kg	32 U	47 UJ	37 U	57 UJ	110 UJ	32 U	36 UJ	24 UJ	30 UJ	24 UJ
75-09-2	Methylene chloride	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
108-10-1	4-Methyl-2-pentanone	ug/kg	32 U	47 UJ	37 U	57 UJ	110 UJ	32 U	36 U	24 UJ	30 UJ	24 UJ
100-42-5	Styrene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
127-18-4	Tetrachloroethene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
108-88-3	Toluene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
71-55-6	1,1,1-Trichloroethane	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
79-00-5	1,1,2-Trichloroethane	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
79-01-6	Trichloroethene	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U
75-01-4	Vinyl chloride	ug/kg	16 U	23 UJ	18 U	28 UJ	57 UJ	16 U	18 U	12 U	15 U	12 U
1330-20-7	Xylenes (total)	ug/kg	8 U	12 UJ	9.2 U	14 UJ	29 UJ	8.1 U	9 U	6 U	7.4 U	6.1 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SD1 C0G240117001 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD2 C0G240117002 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD3 C0G240117003 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD4 C0G240117004 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD5 C0G240117005 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD6 C0G240117006 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD7 C0G240112006 0-0.5' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC2-SD8 C0G280267004 0-0.5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-SD9 COH180281002 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-TP03B C0H150136001 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
208-96-8	Acenaphthylene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
120-12-7	Anthracene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
56-55-3	Benzo(a)anthracene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
50-32-8	Benzo(a)pyrene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
205-99-2	Benzo(b)fluoranthene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
207-08-9	Benzo(k)fluoranthene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
191-24-2	Benzo(ghi)perylene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	100 J	490 U	14 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
85-68-7	Butyl benzyl phthalate	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
86-74-8	Carbazole	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
106-47-8	4-Chloroaniline	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
91-58-7	2-Chloronaphthalene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
95-57-8	2-Chlorophenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
218-01-9	Chrysene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
132-64-9	Dibenzofuran	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
95-50-1	1,2-Dichlorobenzene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
541-73-1	1,3-Dichlorobenzene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
106-46-7	1,4-Dichlorobenzene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 U
120-83-2	2,4-Dichlorophenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
84-66-2	Diethyl phthalate	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
105-67-9	2,4-Dimethylphenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
131-11-3	Dimethyl phthalate	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
84-74-2	Di-n-butyl phthalate	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
117-84-0	Di-n-octyl phthalate	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SD1 C0G240117001 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD2 C0G240117002 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD3 C0G240117003 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD4 C0G240117004 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD5 C0G240117005 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD6 C0G240117006 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD7 C0G240112006 0-0.5' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC2-SD8 C0G280267004 0-0.5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-SD9 COH180281002 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-TP03B C0H150136001 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 U
121-14-2	2,4-Dinitrotoluene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
606-20-2	2,6-Dinitrotoluene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
206-44-0	Fluoranthene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
86-73-7	Fluorene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
118-74-1	Hexachlorobenzene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
87-68-3	Hexachlorobutadiene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 U
67-72-1	Hexachloroethane	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
78-59-1	Isophorone	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
91-57-6	2-Methylnaphthalene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
95-48-7	2-Methylphenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
106-44-5	4-Methylphenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
91-20-3	Naphthalene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
88-74-4	2-Nitroaniline	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 U
99-09-2	3-Nitroaniline	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 U
100-01-6	4-Nitroaniline	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 U
98-95-3	Nitrobenzene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
88-75-5	2-Nitrophenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
100-02-7	4-Nitrophenol	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	530 UJ	770 UJ	610 UJ	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
87-86-5	Pentachlorophenol	ug/kg	2600 U	3700 UJ	2900 U	4600 UJ	9200 UJ	2600 U	5800 U	1900 U	2400 U	1900 U
85-01-8	Phenanthrene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
108-95-2	Phenol	ug/kg	530 U	770 UJ	610 U	940 UJ	200 UJ	530 U	1200 U	400 U	490 U	400 U
129-00-0	Pyrene	ug/kg	530 UJ	770 UJ	610 UJ	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	530 U	770 UJ	610 U	940 UJ	1900 UJ	530 U	1200 U	400 U	490 U	400 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SD1 C0G240117001 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD2 C0G240117002 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD3 C0G240117003 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD4 C0G240117004 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD5 C0G240117005 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD6 C0G240117006 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD7 C0G240112006 0-0.5' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC2-SD8 C0G280267004 0-0.5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-SD9 COH180281002 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-TP03B C0H150136001 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
319-85-7	beta-BHC	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
319-86-8	delta-BHC	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	0.12 JN	2.5 U	21 U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
76-44-8	Heptachlor	ug/kg	0.33 J	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
309-00-2	Aldrin	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
1024-57-3	Heptachlor epoxide	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
959-98-8	Endosulfan I	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
60-57-1	Dieldrin	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
72-55-9	4,4'-DDE	ug/kg	2.5 J	1.9 JN	1.1 J	4.3 J	1.7 J	1.5 J	2.7 J	0.56 J	2.5 U	22
72-20-8	Endrin	ug/kg	2.7 U	0.73 J	0.48 J	0.53 JN	9.8 UJ	0.57 J	3.1 U	2 U	2.5 U	21 U
53494-70-5	Endrin ketone	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
7421-93-4	Endrin aldehyde	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
33213-65-9	Endosulfan II	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
72-54-8	4,4'-DDD	ug/kg	2.7 U	1.3 J	3.1 U	1.2 JN	9.8 UJ	2.2 J	3.1 U	2 U	2.5 U	45
1031-07-8	Endosulfan sulfate	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
50-29-3	4,4'-DDT	ug/kg	7.3	4 UJ	3.1 U	4.8 UJ	9.8 UJ	1.1 J	3.1	2 U	2.5 U	90
72-43-5	Methoxychlor	ug/kg	5.3 U	7.7 UJ	6.1 U	9.4 UJ	19 UJ	5.3 U	6 U	4 U	4.9 U	40 U
5103-71-9	alpha-Chlordane	ug/kg	2.7 U	4 UJ	3.1 U	1.1 JN	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
5103-74-2	gamma-Chlordane	ug/kg	2.7 U	4 UJ	3.1 U	4.8 UJ	9.8 UJ	2.7 U	3.1 U	2 U	2.5 U	21 U
8001-35-2	Toxaphene	ug/kg	110 U	160 UJ	120 U	190 UJ	380 UJ	110 U	120 U	81 U	99 U	810 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	53 U	77 UJ	61 U	94 UJ	190 UJ	53 U	60 U	40 U	49 U	40 U
11104-28-2	Aroclor 1221	ug/kg	53 U	77 UJ	61 U	94 UJ	190 UJ	53 U	60 U	40 U	49 U	40 U
11141-16-5	Aroclor 1232	ug/kg	53 U	77 UJ	61 U	94 UJ	190 UJ	53 U	60 U	40 U	49 U	40 U
53469-21-9	Aroclor 1242	ug/kg	53 U	77 UJ	61 U	94 UJ	190 UJ	53 U	60 U	40 U	49 U	40 U
12672-29-6	Aroclor 1248	ug/kg	53 U	77 UJ	61 U	94 UJ	190 UJ	53 U	60 U	40 U	49 U	40 U
11097-69-1	Aroclor 1254	ug/kg	53 U	77 UJ	61 U	94 UJ	190 UJ	53 U	60 U	40 U	49 U	40 U
11096-82-5	Aroclor 1260	ug/kg	53 U	77 UJ	61 U	94 UJ	190 UJ	53 U	60 U	40 U	49 U	40 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-SD1 C0G240117001 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD2 C0G240117002 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD3 C0G240117003 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD4 C0G240117004 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD5 C0G240117005 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD6 C0G240117006 0-0.5' STL Pittsburgh SADVA7 SOIL 7/21/2000 10/17/2000	AOC2-SD7 C0G240112006 0-0.5' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC2-SD8 C0G280267004 0-0.5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-SD9 COH180281002 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-TP03B C0H150136001 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	17400	11000	14600	17100 J	3310 J	9280	13200	12200	5320	13800
7440-36-0	Antimony	mg/kg	0.23 UJ	0.51 J	0.38 J	0.41 UJ	0.83 UJ	0.24 J	0.61 J	0.42 J	0.21 UJ	0.18 UJ
7440-38-2	Arsenic	mg/kg	4.6	2.1 J	2.3	2.3 J	2.4 J	2.1	5.2	7.3	2	10
7440-39-3	Barium	mg/kg	63.6	65.5 J	71.8	126 J	53.5 J	1760	64.7	52.6	24.3 J	79.6
7440-41-7	Beryllium	mg/kg	0.57 J	0.48 J	0.51 J	0.65 J	0.16 J	0.53 J	0.57 J	0.7	0.34 J	0.75
7440-43-9	Cadmium	mg/kg	0.21 J	0.46 J	0.38 J	0.5 J	0.59 J	0.28 J	0.56 J	0.17 J	0.073 U	0.06 U
7440-70-2	Calcium	mg/kg	4210 J	2690 J	6280 J	6670 J	6690 J	2920 J	2590	10500 J	1690	2910
7440-47-3	Chromium	mg/kg	10.5	8.5 J	8.8	11.2 J	5.7 J	16.7	20.5 J	18.2	6.3	20.1
7440-48-4	Cobalt	mg/kg	5.7 J	2.6 J	2.4 J	3.3 J	1.8 UJ	2.8 J	6.7 J	13.8	4 J	18.7
7440-50-8	Copper	mg/kg	11.3	14 J	12.4	17.3 J	13.9 J	12.1	24.1	27.9 J	10.4	38.5 J
7439-89-6	Iron	mg/kg	20500 J	7080 J	8080 J	8640 J	3390 J	9110 J	33800 J	28000 J	12300	36300
7439-92-1	Lead	mg/kg	16.6	45.4 J	26	44.8 J	69.9 J	30.1	35.5	15.3	4.5	17.8
7439-95-4	Magnesium	mg/kg	3150	1540 J	2320	2480 J	1170 J	2030	2610	6100	1590	5660
7439-96-5	Manganese	mg/kg	210	24.6 J	36.3	76.6 J	62.2 J	49.2	146	545 J	96.6	1150
7439-97-6	Mercury	mg/kg	0.052 J	0.1 J	0.089	0.15 J	0.18 J	0.057	0.11	R	0.11 U	0.0091 UJ
7440-02-0	Nickel	mg/kg	9.3	8.8 J	8	10.7 J	4.5 J	10.3	15 J	26.1	8.1	28.1
7440-09-7	Potassium	mg/kg	1240	806 J	929	968 J	446 J	587 J	1030	1130	495 J	811
7782-49-2	Selenium	mg/kg	0.33 U	0.5 J	0.38 U	0.6 UJ	2.1 J	0.39 J	0.62 J	0.25 U	0.31 U	0.25 U
7440-22-4	Silver	mg/kg	0.15 U	0.22 UJ	0.2 J	0.27 UJ	0.77 J	0.15 U	0.17 U	0.17 J	0.14 U	0.16 J
7440-23-5	Sodium	mg/kg	76 J	87.1 J	120 J	139 J	172 J	104 J	88.4 J	227 J	76.1 J	298 J
7440-28-0	Thallium	mg/kg	1.5 J	0.91 UJ	1 J	1.3 J	2.2 UJ	0.63 U	0.7 U	0.47 U	0.57 U	0.47 U
7440-62-2	Vanadium	mg/kg	30.1	15.1 J	17.5	20.4 J	8.2 J	12.9	21.7	21.8 J	13.6	24.5 J
7440-66-6	Zinc	mg/kg	62 J	36.7 J	35.8 J	215 J	51.3 J	407 J	65.2	71.3	24 J	87.4
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	62.6	42.9	54.4	35.1	17.4	61.9	55.4	83.2	67.7	82.5

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-TP03C C0H150136002 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05B C0H150136003 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05C C0H150136004 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07B C0H150136005 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07C C0H150136006 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11B C0H150136008 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11C C0H150136009 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14B C0H150136010 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14C C0H150136011 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP17C C0H150136007 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	22 UJ	24 UJ	22 UJ	24 UJ	23 UJ	24 UJ	22 UJ	24 UJ	22 UJ	22 UJ
71-43-2	Benzene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	2.6 J	5.6 U	5.6 U
75-27-4	Bromodichloromethane	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
75-25-2	Bromoform	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	22 UJ	24 UJ	22 UJ	24 UJ	23 UJ	24 UJ	22 UJ	24 UJ	1.6 J	22 UJ
75-15-0	Carbon disulfide	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	1.2 J	5.6 U
56-23-5	Carbon tetrachloride	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
108-90-7	Chlorobenzene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
124-48-1	Dibromochloromethane	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
75-00-3	Chloroethane	ug/kg	11 U	12 U	11 U	12 U	11 U	12 U	11 U	12 U	11 U	11 U
67-66-3	Chloroform	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
74-87-3	Chloromethane	ug/kg	11 U	12 U	11 U	12 U	11 U	12 U	11 U	12 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
107-06-2	1,2-Dichloroethane	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
75-35-4	1,1-Dichloroethene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
78-87-5	1,2-Dichloropropane	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
100-41-4	Ethylbenzene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	24	5.6 U	5.6 U
591-78-6	2-Hexanone	ug/kg	22 UJ	24 UJ	22 UJ	24 UJ	23 UJ	24 UJ	22 UJ	24 UJ	23 UJ	22 UJ
75-09-2	Methylene chloride	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	22 UJ	24 UJ	22 UJ	24 UJ	23 UJ	24 UJ	22 UJ	24 UJ	23 UJ	22 UJ
100-42-5	Styrene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
127-18-4	Tetrachloroethene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
108-88-3	Toluene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
79-01-6	Trichloroethene	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
75-01-4	Vinyl chloride	ug/kg	11 U	12 U	11 U	12 U	11 U	12 U	11 U	12 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.6 U	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	73	5.6 U	5.6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-TP03C C0H150136002 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05B C0H150136003 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05C C0H150136004 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07B C0H150136005 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07C C0H150136006 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11B C0H150136008 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11C C0H150136009 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14B C0H150136010 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14C C0H150136011 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP17C C0H150136007 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
208-96-8	Acenaphthylene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
120-12-7	Anthracene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
56-55-3	Benzo(a)anthracene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
50-32-8	Benzo(a)pyrene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
205-99-2	Benzo(b)fluoranthene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
207-08-9	Benzo(k)fluoranthene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
191-24-2	Benzo(ghi)perylene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	7.3 J	15 J	370 U	27 J	370 U	400 U	370 U	400 U	370 U	370 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
86-74-8	Carbazole	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
106-47-8	4-Chloroaniline	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	170 J	370 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
95-57-8	2-Chlorophenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
218-01-9	Chrysene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
132-64-9	Dibenzofuran	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
84-66-2	Diethyl phthalate	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	370 U	400 U	370 U	63 J	370 U	400 U	370 U	400 U	370 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-TP03C C0H150136002 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05B C0H150136003 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05C C0H150136004 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07B C0H150136005 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07C C0H150136006 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11B C0H150136008 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11C C0H150136009 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14B C0H150136010 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14C C0H150136011 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP17C C0H150136007 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1800 UJ	1900 UJ	1800 UJ	1900 UJ	1800 UJ	1900 UJ	1800 UJ	1900 UJ	1800 UJ	1800 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
206-44-0	Fluoranthene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
86-73-7	Fluorene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
118-74-1	Hexachlorobenzene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
67-72-1	Hexachloroethane	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
78-59-1	Isophorone	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
95-48-7	2-Methylphenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
106-44-5	4-Methylphenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
91-20-3	Naphthalene	ug/kg	370 U	400 U	370 U	35 J	370 U	400 U	370 U	400 U	370 U	370 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
98-95-3	Nitrobenzene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
88-75-5	2-Nitrophenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
85-01-8	Phenanthrene	ug/kg	370 U	400 U	370 U	18 J	370 U	400 U	370 U	400 U	370 U	370 U
108-95-2	Phenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
129-00-0	Pyrene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	370 U	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-TP03C C0H150136002 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05B C0H150136003 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05C C0H150136004 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07B C0H150136005 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07C C0H150136006 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11B C0H150136008 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11C C0H150136009 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14B C0H150136010 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14C C0H150136011 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP17C C0H150136007 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	1.9 U	0.19 J	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
319-85-7	beta-BHC	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.9 U	1.7 J	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
76-44-8	Heptachlor	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
309-00-2	Aldrin	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
959-98-8	Endosulfan I	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
60-57-1	Dieldrin	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	1.9 U	3.7	1.9 U	7.8 JN	1.9 U	2.9 J	1.9 U	1.2 JN	1.9 U	1.9 U
72-20-8	Endrin	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	26	1.9 U	140	1.9 U	54	1.9 U	12	1.9 U	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	1.9 U	1.1 JN	1.9 U	7.7 J	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
72-43-5	Methoxychlor	ug/kg	3.7 U	4 U	3.7 U	39 U	3.7 U	20 U	3.7 U	4 U	3.7 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
8001-35-2	Toxaphene	ug/kg	75 U	81 U	75 U	800 U	76 U	410 U	75 U	81 U	76 U	74 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	37 U	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
11104-28-2	Aroclor 1221	ug/kg	37 U	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
11141-16-5	Aroclor 1232	ug/kg	37 U	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
53469-21-9	Aroclor 1242	ug/kg	37 U	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
12672-29-6	Aroclor 1248	ug/kg	37 U	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
11097-69-1	Aroclor 1254	ug/kg	37 U	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
11096-82-5	Aroclor 1260	ug/kg	37 U	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-TP03C C0H150136002 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05B C0H150136003 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05C C0H150136004 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07B C0H150136005 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07C C0H150136006 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11B C0H150136008 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11C C0H150136009 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14B C0H150136010 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14C C0H150136011 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP17C C0H150136007 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	11800	12300	13500	14200	13800	15700	14600	14300	14300	12700
7440-36-0	Antimony	mg/kg	0.25 J	0.18 UJ	0.16 UJ	0.17 UJ	0.16 UJ	0.18 UJ	0.16 UJ	0.23 J	0.26 J	0.28 J
7440-38-2	Arsenic	mg/kg	8.6	3.9	8.6	8.4	8.3	7.9	8.8	10.4	9.1	8.2
7440-39-3	Barium	mg/kg	48.9	57.3	57.7	78.8	53.7	83.2	64	46.7	66.2	56.4
7440-41-7	Beryllium	mg/kg	0.62	0.55 J	0.69	0.75	0.74	0.76	0.76	0.7	0.78	0.67
7440-43-9	Cadmium	mg/kg	0.055 U	0.06 U	0.055 U	0.059 U	0.056 U	0.084 J	0.17 J	0.14 J	0.14 J	0.055 U
7440-70-2	Calcium	mg/kg	32400	2610	32100	3940	26300	4940	30900	25300	34000	25000
7440-47-3	Chromium	mg/kg	17.9	15.5	19.7	21.1	19.3	21	20.6	20.4	20.3	18.5
7440-48-4	Cobalt	mg/kg	16.6	10.7	14.5	17.6	15.4	16.5	16.4	18.6	19	17.7
7440-50-8	Copper	mg/kg	36.5 J	20.2 J	41.3 J	38.1 J	41.8 J	33.6 J	40.8 J	35 J	41.3 J	37.8 J
7439-89-6	Iron	mg/kg	30400	24900	33400	36200	33800	35000	34900	32600	35800	32000
7439-92-1	Lead	mg/kg	14.5	13.4	15.5	17.4	13.7	17.7	14	14.5	14.7	14.1
7439-95-4	Magnesium	mg/kg	8120	4260	9200	6470	10200	6180	9520	8310	9100	8750
7439-96-5	Manganese	mg/kg	672	239	484	392	513	590	603	528	743	646
7439-97-6	Mercury	mg/kg	0.027 J	0.0091 UJ	0.018 J	0.014 J	0.0085 UJ	0.0091 UJ	0.011 J	0.017 J	0.023 J	0.0083 UJ
7440-02-0	Nickel	mg/kg	33.2	18.1	31	34.5	32.4	29.5	35	35.9	38.1	33.3
7440-09-7	Potassium	mg/kg	1120	582 J	1490	1030	1610	885	1820	1350	1850	1380
7782-49-2	Selenium	mg/kg	0.23 U	0.25 U	0.24 U	0.25 U	0.24 U	0.25 U	0.23 U	0.25 U	0.24 U	0.23 U
7440-22-4	Silver	mg/kg	0.14 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.14 J	0.12 J	0.1 U
7440-23-5	Sodium	mg/kg	81.4 J	1240	136 J	797	181 J	1150	282 J	709	152 J	166 J
7440-28-0	Thallium	mg/kg	0.43 U	0.72 J	0.44 U	0.49 J	0.44 U	0.51 J	0.44 U	0.72 J	0.44 U	0.43 U
7440-62-2	Vanadium	mg/kg	20.1 J	19.7 J	22.4 J	24.5 J	23.4 J	27.5 J	25.1 J	24.6 J	25.3 J	21.8 J
7440-66-6	Zinc	mg/kg	85	69.5	89.3	96.8	92.7	91.8	101	218	89.1	86.2
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	89.3	82.4	88.9	84	88.2	82.4	89.2	82.9	88.5	90

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD14 C0G200278001 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD15 C0G190235009 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD16 C0G190235008 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD17 C0G140158006 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC8-SD18 C0G200278002 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD19 C0G200278003 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD20 C0G200278004 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD21 C0H080195001 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD22 C0H080195004 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD23 C0H080195002 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	24 U	41 UJ	27 U	28 U	44 UJ	36 U	49 UJ	25 UJ	36 UJ	35 UJ
71-43-2	Benzene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
75-27-4	Bromodichloromethane	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
75-25-2	Bromoform	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	24 UJ	41 UJ	27 UJ	28 UJ	44 UJ	36 UJ	49 UJ	25 UJ	36 UJ	35 UJ
75-15-0	Carbon disulfide	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
56-23-5	Carbon tetrachloride	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
108-90-7	Chlorobenzene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
124-48-1	Dibromochloromethane	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
75-00-3	Chloroethane	ug/kg	R	R	R	14 UJ	R	R	R	12 U	18 U	18 U
67-66-3	Chloroform	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
74-87-3	Chloromethane	ug/kg	12 U	20 UJ	13 U	14 U	22 UJ	18 U	25 UJ	12 U	18 U	18 U
75-34-3	1,1-Dichloroethane	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
107-06-2	1,2-Dichloroethane	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
75-35-4	1,1-Dichloroethene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
78-87-5	1,2-Dichloropropane	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
100-41-4	Ethylbenzene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
591-78-6	2-Hexanone	ug/kg	24 U	41 UJ	27 U	28 UJ	44 UJ	36 U	49 UJ	25 U	36 U	35 U
75-09-2	Methylene chloride	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
108-10-1	4-Methyl-2-pentanone	ug/kg	24 UJ	41 UJ	27 UJ	28 UJ	44 UJ	36 UJ	49 UJ	25 UJ	36 UJ	35 UJ
100-42-5	Styrene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
127-18-4	Tetrachloroethene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
108-88-3	Toluene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	2.4 J	9 U	8.9 U
71-55-6	1,1,1-Trichloroethane	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
79-00-5	1,1,2-Trichloroethane	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
79-01-6	Trichloroethene	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U
75-01-4	Vinyl chloride	ug/kg	12 U	20 UJ	13 U	14 U	22 UJ	18 U	25 UJ	12 U	18 U	18 U
1330-20-7	Xylenes (total)	ug/kg	6 U	10 UJ	6.7 U	6.9 U	11 UJ	9.1 U	12 UJ	6.1 U	9 U	8.9 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD14 C0G200278001 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD15 C0G190235009 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD16 C0G190235008 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD17 C0G140158006 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC8-SD18 C0G200278002 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD19 C0G200278003 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD20 C0G200278004 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD21 C0H080195001 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD22 C0H080195004 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD23 C0H080195002 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	98 J	820 UJ	410 U	590 U	580 U
208-96-8	Acenaphthylene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
120-12-7	Anthracene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	170 J	820 UJ	410 U	590 U	580 U
56-55-3	Benzo(a)anthracene	ug/kg	26 J	27 J	440 U	20 J	41 J	440 J	820 UJ	410 U	590 U	580 U
50-32-8	Benzo(a)pyrene	ug/kg	26 J	33 J	440 U	21 J	730 UJ	380 J	820 UJ	410 U	590 U	580 U
205-99-2	Benzo(b)fluoranthene	ug/kg	32 J	36 J	440 U	27 J	52 J	410 J	44 J	410 U	590 U	580 U
207-08-9	Benzo(k)fluoranthene	ug/kg	24 J	40 J	440 U	13 J	730 UJ	350 J	820 UJ	410 U	590 U	580 U
191-24-2	Benzo(ghi)perylene	ug/kg	400 U	24 J	440 U	450 U	730 UJ	88 J	820 UJ	410 U	590 U	580 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	400 U	140 J	440 U	21 J	44 J	74 J	55 J	410 U	590 U	580 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
85-68-7	Butyl benzyl phthalate	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
86-74-8	Carbazole	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	81 J	820 UJ	410 U	590 U	580 U
106-47-8	4-Chloroaniline	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
91-58-7	2-Chloronaphthalene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
95-57-8	2-Chlorophenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
218-01-9	Chrysene	ug/kg	35 J	50 J	440 U	25 J	53 J	470 J	46 J	410 U	590 U	580 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
132-64-9	Dibenzofuran	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	35 J	820 UJ	410 U	590 U	580 U
95-50-1	1,2-Dichlorobenzene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
541-73-1	1,3-Dichlorobenzene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
106-46-7	1,4-Dichlorobenzene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1900 U	3300 UJ	2100 U	2200 U	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
120-83-2	2,4-Dichlorophenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
84-66-2	Diethyl phthalate	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
105-67-9	2,4-Dimethylphenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
131-11-3	Dimethyl phthalate	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
84-74-2	Di-n-butyl phthalate	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
117-84-0	Di-n-octyl phthalate	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD14 C0G200278001 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD15 C0G190235009 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD16 C0G190235008 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD17 C0G140158006 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC8-SD18 C0G200278002 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD19 C0G200278003 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD20 C0G200278004 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD21 C0H080195001 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD22 C0H080195004 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD23 C0H080195002 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1900 U	3300 UJ	2100 U	2200 UJ	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1900 U	3300 UJ	2100 U	2200 U	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
606-20-2	2,6-Dinitrotoluene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
206-44-0	Fluoranthene	ug/kg	63 J	79 J	440 U	450 U	100 J	1100	75 J	410 U	590 U	580 U
86-73-7	Fluorene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	78 J	820 UJ	410 U	590 U	580 U
118-74-1	Hexachlorobenzene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
87-68-3	Hexachlorobutadiene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1900 U	3300 UJ	2100 U	2200 U	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
67-72-1	Hexachloroethane	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	400 U	25 J	440 U	450 U	730 UJ	92 J	820 UJ	410 U	590 U	580 U
78-59-1	Isophorone	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
91-57-6	2-Methylnaphthalene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
95-48-7	2-Methylphenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
106-44-5	4-Methylphenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	150 J	210 J
91-20-3	Naphthalene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
88-74-4	2-Nitroaniline	ug/kg	1900 U	3300 UJ	2100 U	2200 U	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
99-09-2	3-Nitroaniline	ug/kg	1900 U	3300 UJ	2100 U	2200 U	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
100-01-6	4-Nitroaniline	ug/kg	1900 U	3300 UJ	2100 U	2200 U	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
98-95-3	Nitrobenzene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
88-75-5	2-Nitrophenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
100-02-7	4-Nitrophenol	ug/kg	1900 U	3300 UJ	2100 U	2200 U	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	400 U	670 UJ	440 U	450 UJ	730 UJ	600 U	820 UJ	410 U	590 U	580 U
87-86-5	Pentachlorophenol	ug/kg	1900 U	3300 UJ	2100 U	2200 U	3500 UJ	2900 U	4000 UJ	2000 U	2900 U	2800 U
85-01-8	Phenanthrene	ug/kg	28 J	42 J	440 U	450 U	730 UJ	680	820 UJ	410 U	590 U	580 U
108-95-2	Phenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
129-00-0	Pyrene	ug/kg	32 J	56 J	440 U	27 J	56 J	560 J	820 UJ	410 U	590 U	580 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	400 U	670 UJ	440 U	450 U	730 UJ	600 U	820 UJ	410 U	590 U	580 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD14 C0G200278001 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD15 C0G190235009 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD16 C0G190235008 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD17 C0G140158006 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC8-SD18 C0G200278002 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD19 C0G200278003 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD20 C0G200278004 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD21 C0H080195001 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD22 C0H080195004 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD23 C0H080195002 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	0.17 J	4.2 UJ	2.1 U	3.1 U	3 U
319-85-7	beta-BHC	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
319-86-8	delta-BHC	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
58-89-9	gamma-BHC (Lindane)	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
76-44-8	Heptachlor	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
309-00-2	Aldrin	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
1024-57-3	Heptachlor epoxide	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
959-98-8	Endosulfan I	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
60-57-1	Dieldrin	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
72-55-9	4,4'-DDE	ug/kg	190	43 J	0.22 JN	1.5 J	1.2 JN	0.93 J	28 J	0.13 JN	0.23 JN	0.15 JN
72-20-8	Endrin	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
53494-70-5	Endrin ketone	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
7421-93-4	Endrin aldehyde	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
33213-65-9	Endosulfan II	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
72-54-8	4,4'-DDD	ug/kg	5.7 JN	10 J	2.3 U	4.8	3.7 UJ	3.1 U	4.3 JN	2.1 U	3.1 U	3 U
1031-07-8	Endosulfan sulfate	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
50-29-3	4,4'-DDT	ug/kg	93	11 J	2.3 U	2.3 U	3.7 UJ	3.1 U	9.9 J	2.1 U	3.1 U	3 U
72-43-5	Methoxychlor	ug/kg	20 U	6.7 UJ	4.4 U	4.5 U	7.3 UJ	6 U	8.2 UJ	4.1 U	5.9 U	5.8 U
5103-71-9	alpha-Chlordane	ug/kg	10 U	3.5 UJ	2.3 U	2.3 U	1.1 JN	3.1 U	2 J	2.1 U	3.1 U	3 U
5103-74-2	gamma-Chlordane	ug/kg	10 U	0.84 JN	2.3 U	2.3 U	3.7 UJ	3.1 U	4.2 UJ	2.1 U	3.1 U	3 U
8001-35-2	Toxaphene	ug/kg	400 U	140 UJ	89 U	92 U	150 UJ	120 U	170 UJ	82 U	120 U	120 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	40 U	67 UJ	44 U	45 U	73 UJ	60 U	82 UJ	41 U	59 U	58 U
11104-28-2	Aroclor 1221	ug/kg	40 U	67 UJ	44 U	45 U	73 UJ	60 U	82 UJ	41 U	59 U	58 U
11141-16-5	Aroclor 1232	ug/kg	40 U	67 UJ	44 U	45 U	73 UJ	60 U	82 UJ	41 U	59 U	58 U
53469-21-9	Aroclor 1242	ug/kg	40 U	67 UJ	44 U	45 U	73 UJ	60 U	82 UJ	41 U	59 U	58 U
12672-29-6	Aroclor 1248	ug/kg	40 U	67 UJ	44 U	45 U	73 UJ	60 U	82 UJ	41 U	59 U	58 U
11097-69-1	Aroclor 1254	ug/kg	40 U	67 UJ	44 U	45 U	73 UJ	60 U	82 UJ	41 U	59 U	58 U
11096-82-5	Aroclor 1260	ug/kg	40 U	67 UJ	44 U	45 U	73 UJ	60 U	82 UJ	41 U	59 U	58 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD14 C0G200278001 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD15 C0G190235009 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD16 C0G190235008 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC8-SD17 C0G140158006 0.2' STL Pittsburgh SADVA1 SOIL 7/13/2000 10/4/2000	AOC8-SD18 C0G200278002 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD19 C0G200278003 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD20 C0G200278004 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD21 C0H080195001 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD22 C0H080195004 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD23 C0H080195002 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	14200	12100 J	10600	12100	8540 J	5520	8190 J	12000	17900	14000
7440-36-0	Antimony	mg/kg	0.22 J	0.84 J	0.19 UJ	0.33 J	0.72 J	0.26 UJ	0.36 UJ	0.24 J	0.41 J	0.44 J
7440-38-2	Arsenic	mg/kg	7.7	9.3 J	8.5	5.8	17.3 J	3.3	4 J	3.6	3.6	3.1
7440-39-3	Barium	mg/kg	63.6	66.7 J	55	63.2	99.1 J	54.7	137 J	101	141	119
7440-41-7	Beryllium	mg/kg	0.83	0.77 J	0.66 J	0.72	0.62 J	0.36 J	0.64 J	0.67	0.92	0.79 J
7440-43-9	Cadmium	mg/kg	0.39 J	0.87 J	0.29 J	0.42 J	0.97 J	0.35 J	0.57 J	0.39 J	0.75 J	0.48 J
7440-70-2	Calcium	mg/kg	3290	8020 J	29100	8760	4560 J	23000	118000 J	4370	5630	4810
7440-47-3	Chromium	mg/kg	18	28.3 J	12.9	14.5	149 J	11.1	14.4 J	15.4 J	22 J	15.3 J
7440-48-4	Cobalt	mg/kg	17	15.8 J	13.1	13.6	34.8 J	6.4 J	7.1 J	10	14	7.4 J
7440-50-8	Copper	mg/kg	28.3	205 J	23.7	23.8	116 J	17.1	24.6 J	22.2	27.7	17.2
7439-89-6	Iron	mg/kg	34200	32800 J	26600	28900	32400 J	17800	18200 J	20200	25400	18300
7439-92-1	Lead	mg/kg	20.1 J	182 J	8.9 J	11.5 J	44.4 J	22.6 J	32.5 J	15.8 J	18.7 J	20.9 J
7439-95-4	Magnesium	mg/kg	5810	8310 J	7020	4930	4800 J	4570	48500 J	3930	5190	3240
7439-96-5	Manganese	mg/kg	810	324 J	516	503	762 J	597	256 J	328	647	386
7439-97-6	Mercury	mg/kg	0.044	0.092 J	0.036 J	0.036 J	0.089 J	0.04 J	0.12 J	0.067	0.091	0.079
7440-02-0	Nickel	mg/kg	32.4	35.5 J	21.8	22.6	33.2 J	13.2	17.2 J	21 J	24.5 J	17.2 J
7440-09-7	Potassium	mg/kg	1340	1720 J	1140	1000	1440 J	548 J	960 J	900 J	1530 J	891 J
7782-49-2	Selenium	mg/kg	0.25 U	0.65 J	0.28 U	0.29 U	0.83 J	0.38 U	1.1 J	0.53 J	0.72 J	0.81 J
7440-22-4	Silver	mg/kg	0.11 U	0.19 UJ	0.13 U	0.13 U	0.32 J	0.17 U	0.23 UJ	0.16 J	0.5 J	0.17 U
7440-23-5	Sodium	mg/kg	109 J	146 J	163 J	130 J	193 J	158 J	674 J	268 J	186 J	255 J
7440-28-0	Thallium	mg/kg	0.59 J	0.79 UJ	0.96 J	0.54 U	0.86 UJ	0.71 U	0.96 UJ	0.48 U	1.5 J	1.3 J
7440-62-2	Vanadium	mg/kg	27.2	26.8 J	26	24.4	21.5 J	10.5	22.6 J	19.2 J	28.4 J	24.4 J
7440-66-6	Zinc	mg/kg	116	556 J	67.6	184	668 J	72.3	193 J	77.3	118	72.3
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg								3110	16200	24900
Q1082	Percent Solids	%	83.5	49.2	75	72.6	45.4	54.9	40.4	81.4	55.6	56.5

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD24 C0G200278005 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD25 C0G200280001 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC8-SD27 C0H080195003 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD28 C0J050202003 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC8-SD29 C0J060292005 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
67-64-1	Acetone	ug/kg	33 U	3.4 J	36 UJ	46 UJ	42 UJ
71-43-2	Benzene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
75-27-4	Bromodichloromethane	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
75-25-2	Bromoform	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
74-83-9	Bromomethane	ug/kg	R	R	R	23 UJ	21 UJ
78-93-3	2-Butanone	ug/kg	33 UJ	27 UJ	36 UJ	46 UJ	42 UJ
75-15-0	Carbon disulfide	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
56-23-5	Carbon tetrachloride	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
108-90-7	Chlorobenzene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
124-48-1	Dibromochloromethane	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
75-00-3	Chloroethane	ug/kg	R	14 UJ	18 U	23 UJ	21 UJ
67-66-3	Chloroform	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
74-87-3	Chloromethane	ug/kg	16 U	14 U	18 U	23 UJ	21 UJ
75-34-3	1,1-Dichloroethane	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
107-06-2	1,2-Dichloroethane	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
75-35-4	1,1-Dichloroethene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
540-59-0	1,2-Dichloroethene (total)	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
78-87-5	1,2-Dichloropropane	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
100-41-4	Ethylbenzene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
591-78-6	2-Hexanone	ug/kg	33 U	27 U	36 UJ	46 UJ	42 UJ
75-09-2	Methylene chloride	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	33 UJ	27 U	36 UJ	46 UJ	42 UJ
100-42-5	Styrene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
127-18-4	Tetrachloroethene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
108-88-3	Toluene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
71-55-6	1,1,1-Trichloroethane	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
79-01-6	Trichloroethene	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ
75-01-4	Vinyl chloride	ug/kg	16 U	14 U	18 U	23 UJ	21 UJ
1330-20-7	Xylenes (total)	ug/kg	8.2 U	6.8 U	9 U	11 UJ	11 UJ

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD24 C0G200278005 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD25 C0G200280001 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC8-SD27 C0H080195003 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD28 C0J050202003 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC8-SD29 C0J060292005 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
83-32-9	Acenaphthene	ug/kg	540 U	450 U	590 U	92 J	700 UJ
208-96-8	Acenaphthylene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
120-12-7	Anthracene	ug/kg	540 U	24 J	590 U	170 J	700 UJ
56-55-3	Benzo(a)anthracene	ug/kg	110 J	140 J	590 U	310 J	26 J
50-32-8	Benzo(a)pyrene	ug/kg	540 U	160 J	590 U	330 J	29 J
205-99-2	Benzo(b)fluoranthene	ug/kg	160 J	170 J	590 U	440 J	35 J
207-08-9	Benzo(k)fluoranthene	ug/kg	140 J	170 J	590 U	360 J	31 J
191-24-2	Benzo(ghi)perylene	ug/kg	38 J	100 J	590 U	66 J	700 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
111-44-4	bis(2-Chloroethyl) ether	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	99 J	74 J	590 U	760 UJ	700 UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
85-68-7	Butyl benzyl phthalate	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
86-74-8	Carbazole	ug/kg	540 U	450 U	590 U	50 J	700 UJ
106-47-8	4-Chloroaniline	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
91-58-7	2-Chloronaphthalene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
95-57-8	2-Chlorophenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
218-01-9	Chrysene	ug/kg	150 J	180 J	590 U	730 J	43 J
53-70-3	Dibenz(a,h)anthracene	ug/kg	540 U	26 J	590 U	760 UJ	700 UJ
132-64-9	Dibenzofuran	ug/kg	540 U	450 U	590 U	50 J	700 UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
91-94-1	3,3'-Dichlorobenzidine	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
120-83-2	2,4-Dichlorophenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
84-66-2	Diethyl phthalate	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
105-67-9	2,4-Dimethylphenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
131-11-3	Dimethyl phthalate	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
84-74-2	Di-n-butyl phthalate	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
117-84-0	Di-n-octyl phthalate	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD24 C0G200278005 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD25 C0G200280001 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC8-SD27 C0H080195003 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD28 C0J050202003 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC8-SD29 C0J060292005 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES CONT'D						
51-28-5	2,4-Dinitrophenol	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
206-44-0	Fluoranthene	ug/kg	330 J	260 J	590 U	1200 J	57 J
86-73-7	Fluorene	ug/kg	540 U	450 U	590 U	100 J	700 UJ
118-74-1	Hexachlorobenzene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
87-68-3	Hexachlorobutadiene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
67-72-1	Hexachloroethane	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	40 J	98 J	590 U	78 J	700 UJ
78-59-1	Isophorone	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
91-57-6	2-Methylnaphthalene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
95-48-7	2-Methylphenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
106-44-5	4-Methylphenol	ug/kg	540 U	450 U	590 U	190 J	700 UJ
91-20-3	Naphthalene	ug/kg	540 U	450 U	590 U	210 J	700 UJ
88-74-4	2-Nitroaniline	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
99-09-2	3-Nitroaniline	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
100-01-6	4-Nitroaniline	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
98-95-3	Nitrobenzene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
88-75-5	2-Nitrophenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
100-02-7	4-Nitrophenol	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
87-86-5	Pentachlorophenol	ug/kg	2600 U	2200 U	2900 U	3700 UJ	3400 UJ
85-01-8	Phenanthrene	ug/kg	120 J	120 J	590 U	400 J	34 J
108-95-2	Phenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
129-00-0	Pyrene	ug/kg	170 J	260 J	590 U	920 J	52 J
120-82-1	1,2,4-Trichlorobenzene	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	540 U	450 U	590 U	760 UJ	700 UJ

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD24 C0G200278005 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD25 C0G200280001 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC8-SD27 C0H080195003 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD28 C0J050202003 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC8-SD29 C0J060292005 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:					
	PESTICIDES						
319-84-6	alpha-BHC	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
319-85-7	beta-BHC	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
319-86-8	delta-BHC	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
76-44-8	Heptachlor	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
309-00-2	Aldrin	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
1024-57-3	Heptachlor epoxide	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
959-98-8	Endosulfan I	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
60-57-1	Dieldrin	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	0.48 JN
72-55-9	4,4'-DDE	ug/kg	72	2.5	0.18 JN	3.9 UJ	12 J
72-20-8	Endrin	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.4 J
53494-70-5	Endrin ketone	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
7421-93-4	Endrin aldehyde	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
33213-65-9	Endosulfan II	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
72-54-8	4,4'-DDD	ug/kg	22	2.8	3.1 U	3.9 UJ	3.6 UJ
1031-07-8	Endosulfan sulfate	ug/kg	5.6 U	2.3 U	3.1 U	3.9 UJ	3.6 UJ
50-29-3	4,4'-DDT	ug/kg	21	3.6	3.1 U	3.9 UJ	4.1 JN
72-43-5	Methoxychlor	ug/kg	11 U	4.5 U	5.9 U	7.6 UJ	7 UJ
5103-71-9	alpha-Chlordane	ug/kg	5.6 U	1.1 J	3.1 U	3.9 UJ	1.5 J
5103-74-2	gamma-Chlordane	ug/kg	5.6 U	0.34 JN	3.1 U	3.9 UJ	3.6 UJ
8001-35-2	Toxaphene	ug/kg	220 U	92 U	120 U	150 UJ	140 UJ
	PCBs						
12674-11-2	Aroclor 1016	ug/kg	54 U	45 U	59 U	76 UJ	70 UJ
11104-28-2	Aroclor 1221	ug/kg	54 U	45 U	59 U	76 UJ	70 UJ
11141-16-5	Aroclor 1232	ug/kg	54 U	45 U	59 U	76 UJ	70 UJ
53469-21-9	Aroclor 1242	ug/kg	54 U	45 U	59 U	76 UJ	70 UJ
12672-29-6	Aroclor 1248	ug/kg	54 U	45 U	59 U	76 UJ	70 UJ
11097-69-1	Aroclor 1254	ug/kg	54 U	45 U	59 U	76 UJ	110 J
11096-82-5	Aroclor 1260	ug/kg	54 U	45 U	59 U	76 UJ	70 UJ

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Sediment Data - AOC8		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC8-SD24 C0G200278005 0.2' STL Pittsburgh SADVA1 SOIL 7/19/2000 10/4/2000	AOC8-SD25 C0G200280001 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC8-SD27 C0H080195003 0.2' STL Pittsburgh SADVA10 SOIL 8/7/2000 10/25/2000	AOC8-SD28 C0J050202003 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC8-SD29 C0J060292005 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:					
	METALS						
7429-90-5	Aluminum	mg/kg	11200	8700	16600	9830 J	10700 J
7440-36-0	Antimony	mg/kg	0.54 J	0.26 J	0.31 J	0.42 J	1.1 J
7440-38-2	Arsenic	mg/kg	6.2	4.1	2.7	4.5 J	9.1 J
7440-39-3	Barium	mg/kg	74.8	41.6	130	71.9 J	55.7 J
7440-41-7	Beryllium	mg/kg	0.81 J	0.47 J	0.89 J	0.62 J	0.69 J
7440-43-9	Cadmium	mg/kg	0.43 J	0.63 J	0.52 J	0.4 J	0.69 J
7440-70-2	Calcium	mg/kg	3350	17900	4850	6700 J	12200 J
7440-47-3	Chromium	mg/kg	13.8	19.3	17.2 J	16.4 J	21.2 J
7440-48-4	Cobalt	mg/kg	13.4	9.8	8.5 J	11 J	17.9 J
7440-50-8	Copper	mg/kg	25	25.3	19.6	20.6 J	142 J
7439-89-6	Iron	mg/kg	27600	21700	18800	24900 J	32300 J
7439-92-1	Lead	mg/kg	25.3 J	95.5	24.4 J	20 J	180 J
7439-95-4	Magnesium	mg/kg	3470	7490	3630	4150 J	8010 J
7439-96-5	Manganese	mg/kg	528	293	314	624 J	681 J
7439-97-6	Mercury	mg/kg	0.049 J	0.098	0.083	0.06 J	0.056 J
7440-02-0	Nickel	mg/kg	22.9	19.4	18 J	20.5 J	34.6 J
7440-09-7	Potassium	mg/kg	1040	709 J	927 J	734 J	1190 J
7782-49-2	Selenium	mg/kg	0.41 J	0.33 J	0.71 J	0.67 J	1.5 J
7440-22-4	Silver	mg/kg	0.15 U	0.13 U	0.17 U	0.22 UJ	0.2 UJ
7440-23-5	Sodium	mg/kg	134 J	335 J	154 J	790 J	72.3 J
7440-28-0	Thallium	mg/kg	0.64 U	0.53 U	1.3 J	0.89 UJ	0.82 UJ
7440-62-2	Vanadium	mg/kg	27.8	19.1	27 J	18.2 J	26.3 J
7440-66-6	Zinc	mg/kg	96.3	113	80	98.7 J	563 J
	OTHER						
7440-44-0	Total Organic Carbon	mg/kg			37300		
Q1082	Percent Solids	%	60.8	73.2	55.7	43.6	47.1

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-DRM1 COH180281001 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-HP01A C0G210257002 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP01C C0G250266001 3' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP01E C0G250266002 7' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02A C0G210257003 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP02C C0G260183001 5' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02H C0G260183002 15' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP03A C0G210257004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP03C C0G270303001 5' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000	AOC2-HP03E C0G270303002 9' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	24 UJ	27 UJ	22 UJ	23 UJ	28 UJ	22 UJ	22 UJ	28 UJ	11 J	64 J
71-43-2	Benzene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
75-27-4	Bromodichloromethane	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
75-25-2	Bromoform	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
74-83-9	Bromomethane	ug/kg	12 U	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	24 UJ	27 UJ	22 UJ	23 UJ	28 UJ	22 UJ	22 UJ	28 UJ	22 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	6 U	6.8 UJ	5.6 UJ	5.7 UJ	7.1 UJ	5.4 UJ	5.5 UJ	6.9 UJ	5.6 U	5.5 U
56-23-5	Carbon tetrachloride	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
108-90-7	Chlorobenzene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
124-48-1	Dibromochloromethane	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
75-00-3	Chloroethane	ug/kg	12 U	14 U	11 UJ	11 UJ	14 U	11 UJ	11 UJ	14 U	11 U	11 U
67-66-3	Chloroform	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
74-87-3	Chloromethane	ug/kg	12 U	14 UJ	11 U	11 U	14 UJ	11 U	11 U	14 UJ	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
107-06-2	1,2-Dichloroethane	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
75-35-4	1,1-Dichloroethene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
78-87-5	1,2-Dichloropropane	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
100-41-4	Ethylbenzene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
591-78-6	2-Hexanone	ug/kg	24 UJ	27 U	22 U	23 U	28 U	22 U	22 U	28 U	22 UJ	22 UJ
75-09-2	Methylene chloride	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
108-10-1	4-Methyl-2-pentanone	ug/kg	24 UJ	27 U	22 U	23 U	28 U	22 U	22 U	28 U	22 UJ	22 UJ
100-42-5	Styrene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
127-18-4	Tetrachloroethene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
108-88-3	Toluene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
71-55-6	1,1,1-Trichloroethane	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
79-00-5	1,1,2-Trichloroethane	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
79-01-6	Trichloroethene	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U
75-01-4	Vinyl chloride	ug/kg	12 U	14 U	11 U	11 U	14 U	11 U	11 U	14 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	6 U	6.8 U	5.6 U	5.7 U	7.1 U	5.4 U	5.5 U	6.9 U	5.6 U	5.5 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-DRM1 COH180281001 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-HP01A C0G210257002 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP01C C0G250266001 3' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP01E C0G250266002 7' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02A C0G210257003 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP02C C0G260183001 5' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02H C0G260183002 15' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP03A C0G210257004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP03C C0G270303001 5' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000	AOC2-HP03E C0G270303002 9' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
208-96-8	Acenaphthylene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
120-12-7	Anthracene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
56-55-3	Benzo(a)anthracene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
50-32-8	Benzo(a)pyrene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
205-99-2	Benzo(b)fluoranthene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
207-08-9	Benzo(k)fluoranthene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
191-24-2	Benzo(ghi)perylene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	400 U	46 J	62 J	380 U	60 J	530 U	360 U	56 J	370 U	370 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
86-74-8	Carbazole	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
106-47-8	4-Chloroaniline	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
95-57-8	2-Chlorophenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
218-01-9	Chrysene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
132-64-9	Dibenzofuran	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
84-66-2	Diethyl phthalate	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-DRM1 COH180281001 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-HP01A C0G210257002 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP01C C0G250266001 3' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP01E C0G250266002 7' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02A C0G210257003 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP02C C0G260183001 5' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02H C0G260183002 15' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP03A C0G210257004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP03C C0G270303001 5' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000	AOC2-HP03E C0G270303002 9' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
206-44-0	Fluoranthene	ug/kg	400 U	450 U	370 U	380 U	470 U	17 J	360 U	460 U	370 U	370 U
86-73-7	Fluorene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
118-74-1	Hexachlorobenzene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
67-72-1	Hexachloroethane	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
78-59-1	Isophorone	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
95-48-7	2-Methylphenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
106-44-5	4-Methylphenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
91-20-3	Naphthalene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
88-74-4	2-Nitroaniline	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
98-95-3	Nitrobenzene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
88-75-5	2-Nitrophenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1900 U	2200 U	1800 U	1800 U	2300 U	1700 U	1800 U	2200 U	1800 U	1800 U
85-01-8	Phenanthrene	ug/kg	400 U	450 U	370 U	380 U	470 U	14 J	360 U	460 U	370 U	370 U
108-95-2	Phenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
129-00-0	Pyrene	ug/kg	400 U	450 U	370 U	380 U	470 U	15 J	360 U	460 U	370 U	370 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	400 U	450 U	370 U	380 U	470 U	360 U	360 U	460 U	370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-DRM1 COH180281001 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-HP01A C0G210257002 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP01C C0G250266001 3' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP01E C0G250266002 7' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02A C0G210257003 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP02C C0G260183001 5' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02H C0G260183002 15' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP03A C0G210257004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP03C C0G270303001 5' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000	AOC2-HP03E C0G270303002 9' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
319-85-7	beta-BHC	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
319-86-8	delta-BHC	ug/kg	0.16 JN	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
76-44-8	Heptachlor	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
309-00-2	Aldrin	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
959-98-8	Endosulfan I	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
60-57-1	Dieldrin	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	2.1 U	1.1 J	0.24 JN	1.9 U	0.97 J	1.8 U	1.9 U	4.1	1.9 U	1.9 U
72-20-8	Endrin	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	0.16 JN	2.4 U	1.9 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	0.89 JN	1.9 U	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	2.1 U	3	0.57 J	1.9 U	3.3 J	1.8 U	1.9 U	9.1	1.9 U	1.9 U
72-43-5	Methoxychlor	ug/kg	4 U	4.5 U	3.7 U	3.8 U	4.7 U	3.6 U	3.6 U	4.6 U	3.7 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	2.1 U	0.52 JN	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	2.1 U	2.3 U	1.9 U	1.9 U	2.4 U	1.8 U	1.9 U	2.4 U	1.9 U	1.9 U
8001-35-2	Toxaphene	ug/kg	81 U	91 U	75 U	76 U	95 U	72 U	73 U	93 U	75 U	74 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	40 U	45 U	37 U	38 U	47 U	36 U	36 U	46 U	37 U	37 U
11104-28-2	Aroclor 1221	ug/kg	40 U	45 U	37 U	38 U	47 U	36 U	36 U	46 U	37 U	37 U
11141-16-5	Aroclor 1232	ug/kg	40 U	45 U	37 U	38 U	47 U	36 U	36 U	46 U	37 U	37 U
53469-21-9	Aroclor 1242	ug/kg	40 U	45 U	37 U	38 U	47 U	36 U	36 U	46 U	37 U	37 U
12672-29-6	Aroclor 1248	ug/kg	40 U	45 U	37 U	38 U	47 U	36 U	36 U	46 U	37 U	37 U
11097-69-1	Aroclor 1254	ug/kg	40 U	45 U	37 U	38 U	47 U	36 U	36 U	46 U	37 U	37 U
11096-82-5	Aroclor 1260	ug/kg	40 U	45 U	37 U	38 U	47 U	36 U	36 U	46 U	37 U	37 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-DRM1 COH180281001 STL Pittsburgh SADVA13 SOIL 8/17/2000 11/7/2000	AOC2-HP01A C0G210257002 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP01C C0G250266001 3' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP01E C0G250266002 7' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02A C0G210257003 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP02C C0G260183001 5' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP02H C0G260183002 15' STL Pittsburgh SADVA7 SOIL 7/24/2000 10/17/2000	AOC2-HP03A C0G210257004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP03C C0G270303001 5' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000	AOC2-HP03E C0G270303002 9' STL Pittsburgh SADVA8 SOIL 7/25/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	15400	11400	14000	12500	11900	13900	8120	12400 U	13600	12200
7440-36-0	Antimony	mg/kg	0.18 UJ	0.73 J	0.23 J	0.17 UJ	0.5 J	0.16 UJ	0.16 UJ	0.48 J	0.26 J	0.38 J
7440-38-2	Arsenic	mg/kg	9.5	6.4	7.5	8.6	7	7.6	6.1	5.3	8.4	8.7
7440-39-3	Barium	mg/kg	69.8	51.3	56.1	48.7	54.6	63.5	38.5	58.7	52.2	53.3
7440-41-7	Beryllium	mg/kg	0.82	0.6 J	0.69	0.64	0.64 J	0.67	0.43 J	0.62 J	0.69	0.67
7440-43-9	Cadmium	mg/kg	0.35 J	0.36 J	0.29 J	0.36 J	0.38 J	0.35 J	0.2 J	0.34 J	0.3 J	0.29 J
7440-70-2	Calcium	mg/kg	18300	1320	19000 J	17900 J	1910	30800 J	14000 J	2600	27100 J	19800 J
7440-47-3	Chromium	mg/kg	25.2	14.9 J	18.7	24.2	15.8 J	13.8	18.2	18.5 J	20.3	19.6
7440-48-4	Cobalt	mg/kg	19.7	10.6 J	15.9	16.4	10 J	16.6	11.3	10.8 J	17.4	16
7440-50-8	Copper	mg/kg	39	14.7	32.5	39	14.4	37.4	24.1	17.6	37.2 J	39.6 J
7439-89-6	Iron	mg/kg	38100	22900 J	30600 J	31400 J	25000 J	33800 J	21800 J	22500 J	32700 J	30700 J
7439-92-1	Lead	mg/kg	18.4	76.3	15.8	19.6	69.3	11.8	12.2	58.2	16.1	15.5
7439-95-4	Magnesium	mg/kg	11100	3110	6870	8330	3390	8750	5410	3640	8370	8120
7439-96-5	Manganese	mg/kg	647	575	666	588	386	793	500	437	726 J	588 J
7439-97-6	Mercury	mg/kg	0.038 J	0.053	0.034 J	0.026 J	0.042 J	0.03 J	0.028 J	0.066	0.031 J	0.034 J
7440-02-0	Nickel	mg/kg	43.6	15 J	27.7	32.2	15.2 J	32.2	21.5	17 J	35.1	31.1
7440-09-7	Potassium	mg/kg	2220 J	565 J	1520	1380	533 J	1680	1250	796	1530	1540
7782-49-2	Selenium	mg/kg	0.25 U	0.29 U	0.23 U	0.24 U	0.52 J	0.23 U	0.23 U	0.32 J	0.23 U	0.23 U
7440-22-4	Silver	mg/kg	0.22 J	0.18 J	0.2 J	0.24 J	0.15 J	0.21 J	0.15 J	0.13 U	0.14 J	0.2 J
7440-23-5	Sodium	mg/kg	122 J	59.2 J	70.4 J	74.4 J	66.6 J	85.9 J	66.4 J	54.8 J	78.6 J	82.7 J
7440-28-0	Thallium	mg/kg	0.47 U	0.53 U	0.43 U	0.44 U	0.55 U	0.42 U	0.43 U	0.54 U	0.43 U	0.43 U
7440-62-2	Vanadium	mg/kg	24.9	22.3	23.5	20.7	24.4	22.7	14.3	23.2	23.1 J	21.4 J
7440-66-6	Zinc	mg/kg	85.5 J	48.9	82.3 J	84.2 J	48.6	90.3 J	55.6 J	56.8	88.7	87.8
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	82.7	73.3	89.3	87.8	70.4	92.8	91.4	72.2	89.6	90.3

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP04A C0G210257005 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP04C C0G270303003 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP04D C0G270303004 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP04I C0G270303005 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP05A C0G210257006 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP05D C0G270304002 8' STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-HP05F C0G270304004 11' STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-HP06A C0G210257007 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP06D C0G260183008 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP06F C0G260183009 11' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	26 UJ	22 J	5.9 J	28 J	25 UJ	54 J	51 J	25 UJ	22 UJ	23 UJ
71-43-2	Benzene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
75-27-4	Bromodichloromethane	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
75-25-2	Bromoform	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	26 UJ	2.6 J	22 UJ	22 UJ	25 UJ	22 UJ	22 UJ	25 UJ	22 UJ	23 UJ
75-15-0	Carbon disulfide	ug/kg	6.5 UJ	5.6 U	5.6 U	5.5 U	6.3 UJ	5.5 U	5.4 U	6.4 UJ	5.6 UJ	5.8 UJ
56-23-5	Carbon tetrachloride	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
108-90-7	Chlorobenzene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
124-48-1	Dibromochloromethane	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
75-00-3	Chloroethane	ug/kg	13 U	11 U	11 U	11 U	13 U	11 U	11 U	13 U	11 UJ	12 UJ
67-66-3	Chloroform	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
74-87-3	Chloromethane	ug/kg	13 UJ	11 U	11 U	11 U	13 UJ	11 U	11 U	13 UJ	11 U	12 U
75-34-3	1,1-Dichloroethane	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
107-06-2	1,2-Dichloroethane	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
75-35-4	1,1-Dichloroethene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
78-87-5	1,2-Dichloropropane	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
100-41-4	Ethylbenzene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
591-78-6	2-Hexanone	ug/kg	26 U	22 UJ	22 UJ	22 UJ	25 U	22 UJ	22 UJ	25 U	22 U	23 U
75-09-2	Methylene chloride	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
108-10-1	4-Methyl-2-pentanone	ug/kg	26 U	22 UJ	22 UJ	22 UJ	25 U	22 UJ	22 UJ	25 U	22 U	23 U
100-42-5	Styrene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
127-18-4	Tetrachloroethene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
108-88-3	Toluene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	1.8 J	6.4 U	5.6 U	5.8 U
71-55-6	1,1,1-Trichloroethane	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
79-00-5	1,1,2-Trichloroethane	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
79-01-6	Trichloroethene	ug/kg	6.5 U	5.6 U	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U
75-01-4	Vinyl chloride	ug/kg	13 U	11 U	11 U	11 U	13 U	11 U	11 U	13 U	11 U	12 U
1330-20-7	Xylenes (total)	ug/kg	6.5 U	4.6 J	5.6 U	5.5 U	6.3 U	5.5 U	5.4 U	6.4 U	5.6 U	5.8 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP04A C0G210257005 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP04C C0G270303003 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP04D C0G270303004 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP04I C0G270303005 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP05A C0G210257006 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP05D C0G270304002 8' STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-HP05F C0G270304004 11' STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-HP06A C0G210257007 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP06D C0G260183008 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP06F C0G260183009 11' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
208-96-8	Acenaphthylene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
120-12-7	Anthracene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
56-55-3	Benzo(a)anthracene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
50-32-8	Benzo(a)pyrene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
205-99-2	Benzo(b)fluoranthene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
207-08-9	Benzo(k)fluoranthene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 UJ	380 UJ
191-24-2	Benzo(ghi)perylene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	430 U	79 J		360 U	420 U	170 J	360 U	420 U	370 U	380 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
85-68-7	Butyl benzyl phthalate	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
86-74-8	Carbazole	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
106-47-8	4-Chloroaniline	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
91-58-7	2-Chloronaphthalene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
95-57-8	2-Chlorophenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
218-01-9	Chrysene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
132-64-9	Dibenzofuran	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
95-50-1	1,2-Dichlorobenzene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
541-73-1	1,3-Dichlorobenzene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
106-46-7	1,4-Dichlorobenzene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
84-66-2	Diethyl phthalate	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
105-67-9	2,4-Dimethylphenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
131-11-3	Dimethyl phthalate	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
84-74-2	Di-n-butyl phthalate	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
117-84-0	Di-n-octyl phthalate	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP04A C0G210257005 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP04C C0G270303003 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP04D C0G270303004 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP04I C0G270303005 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP05A C0G210257006 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP05D C0G270304002 8' STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-HP05F C0G270304004 11' STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-HP06A C0G210257007 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP06D C0G260183008 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP06F C0G260183009 11' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
606-20-2	2,6-Dinitrotoluene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
206-44-0	Fluoranthene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
86-73-7	Fluorene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
118-74-1	Hexachlorobenzene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
87-68-3	Hexachlorobutadiene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
67-72-1	Hexachloroethane	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
78-59-1	Isophorone	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
91-57-6	2-Methylnaphthalene	ug/kg	430 U	36 J		360 U	420 U	360 U	360 U	420 U	370 U	380 U
95-48-7	2-Methylphenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
106-44-5	4-Methylphenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
91-20-3	Naphthalene	ug/kg	430 U	47 J		360 U	420 U	360 U	360 U	420 U	370 U	380 U
88-74-4	2-Nitroaniline	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
98-95-3	Nitrobenzene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
88-75-5	2-Nitrophenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
100-02-7	4-Nitrophenol	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
87-86-5	Pentachlorophenol	ug/kg	2100 U	1800 U		1800 U	2000 U	1800 U	1700 U	2000 U	1800 U	1800 U
85-01-8	Phenanthrene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
108-95-2	Phenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
129-00-0	Pyrene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	430 U	370 U		360 U	420 U	360 U	360 U	420 U	370 U	380 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP04A C0G210257005 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP04C C0G270303003 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP04D C0G270303004 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP04I C0G270303005 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP05A C0G210257006 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP05D C0G270304002 8' STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-HP05F C0G270304004 11' STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-HP06A C0G210257007 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP06D C0G260183008 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP06F C0G260183009 11' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	2.2 U	0.23 JN		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
319-85-7	beta-BHC	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
319-86-8	delta-BHC	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.2 U	1.9 UJ		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
76-44-8	Heptachlor	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
309-00-2	Aldrin	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
1024-57-3	Heptachlor epoxide	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
959-98-8	Endosulfan I	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
60-57-1	Dieldrin	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
72-55-9	4,4'-DDE	ug/kg	22	1.9 U		1.9 U	37	1.9 U	1.8 U	9	1.9 U	2 U
72-20-8	Endrin	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	0.27 J	2 U
53494-70-5	Endrin ketone	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
7421-93-4	Endrin aldehyde	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
33213-65-9	Endosulfan II	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
72-54-8	4,4'-DDD	ug/kg	2.8 JN	1.9 U		1.9 U	0.82 JN	1.9 U	1.8 U	0.57 JN	1.9 U	2 U
1031-07-8	Endosulfan sulfate	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
50-29-3	4,4'-DDT	ug/kg	33	1.9 U		1.9 U	24	1.9 U	1.8 U	13	1.9 U	2 U
72-43-5	Methoxychlor	ug/kg	4.3 U	3.7 U		3.6 U	4.2 U	3.6 U	3.6 U	4.2 U	3.7 U	3.8 U
5103-71-9	alpha-Chlordane	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
5103-74-2	gamma-Chlordane	ug/kg	2.2 U	1.9 U		1.9 U	2.1 U	1.9 U	1.8 U	2.2 U	1.9 U	2 U
8001-35-2	Toxaphene	ug/kg	88 U	75 U		74 U	84 U	74 U	73 U	85 U	75 U	77 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	43 U	37 U		36 U	42 U	36 U	36 U	42 U	37 U	38 U
11104-28-2	Aroclor 1221	ug/kg	43 U	37 U		36 U	42 U	36 U	36 U	42 U	37 U	38 U
11141-16-5	Aroclor 1232	ug/kg	43 U	37 U		36 U	42 U	36 U	36 U	42 U	37 U	38 U
53469-21-9	Aroclor 1242	ug/kg	43 U	37 U		36 U	42 U	36 U	36 U	42 U	37 U	38 U
12672-29-6	Aroclor 1248	ug/kg	43 U	37 U		36 U	42 U	36 U	36 U	42 U	37 U	38 U
11097-69-1	Aroclor 1254	ug/kg	43 U	37 U		36 U	42 U	36 U	36 U	42 U	37 U	38 U
11096-82-5	Aroclor 1260	ug/kg	43 U	37 U		36 U	42 U	36 U	36 U	42 U	37 U	38 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	13900	12700		11500	10900	13600	13900	15300	13800	13400
7440-36-0	Antimony	mg/kg	0.38 J	0.21 J		0.16 UJ	0.37 J	0.19 J	0.16 UJ	0.31 J	0.18 J	0.21 J
7440-38-2	Arsenic	mg/kg	7.3	7.7		7.3	6.6	9.9	8.8	7.2	9	9.5
7440-39-3	Barium	mg/kg	68	51.8		49.5	56.7	59	65.6	66.8	70.4	66.5
7440-41-7	Beryllium	mg/kg	0.76	0.66		0.63	0.59 J	0.69	0.69	0.77	0.71	0.69
7440-43-9	Cadmium	mg/kg	0.46 J	0.26 J		0.24 J	0.33 J	0.21 J	0.24 J	0.39 J	0.28 J	0.24 J
7440-70-2	Calcium	mg/kg	3890	29000 J		13600 J	2060	20300 J	18500 J	2740	26500 J	19300 J
7440-47-3	Chromium	mg/kg	20.5 J	19.9		18.2	15.1 J	19.3	18.8	19.4 J	16.1	20.9
7440-48-4	Cobalt	mg/kg	17 J	15.9		16.4	9.7 J	17.3	20.3	13.8 J	18	17.6
7440-50-8	Copper	mg/kg	31	34.5 J		34.2 J	15.4	38.8	37.8	26.3	41.7	39.2
7439-89-6	Iron	mg/kg	29200 J	30400 J		29200 J	22000 J	32600 J	32400 J	30000 J	32600 J	33400 J
7439-92-1	Lead	mg/kg	35.1	16.5		14.8	22.8	14.3	14.5	21.5	12.5	16.5
7439-95-4	Magnesium	mg/kg	5240	7540		7450	3220	8870	8910	5240	9920	9070
7439-96-5	Manganese	mg/kg	640	770 J		784 J	465	642	784	524	829	612
7439-97-6	Mercury	mg/kg	0.062	0.029 J		0.022 J	0.056	0.034 J	0.025 J	0.046	0.028 J	0.035 J
7440-02-0	Nickel	mg/kg	30.4 J	33		31.3	15.5 J	32.2	37.7	23.5 J	37.5	34.4
7440-09-7	Potassium	mg/kg	1230	1600		1540	581 J	1650	1850	1180	1870	1790
7782-49-2	Selenium	mg/kg	0.27 U	0.23 U		0.23 U	0.26 U	0.23 U	0.23 U	0.27 U	0.23 U	0.24 U
7440-22-4	Silver	mg/kg	0.16 J	0.16 J		0.24 J	0.14 J	0.26 J	0.2 J	0.12 U	0.24 J	0.27 J
7440-23-5	Sodium	mg/kg	57.6 J	79.9 J		85.3 J	52.9 J	88.5 J	93.9 J	71.8 J	101 J	98.3 J
7440-28-0	Thallium	mg/kg	0.51 U	0.43 U		0.43 U	0.49 U	0.43 U	0.42 U	0.49 U	0.43 U	0.45 U
7440-62-2	Vanadium	mg/kg	24.6	22 J		20.2 J	20.9	22.1	23	27.9	22.7	22.7
7440-66-6	Zinc	mg/kg	79.8	80.8		78.9	49.9	89.2 J	81.4 J	77	92.4 J	80.7 J
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	76.6	89.4	90	90.8	79.3	91.1	92.4	78.7	89.8	86.8

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP07A C0G210257008 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP07D C0G260183006 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP07I C0G260183007 17' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP08A C0G210257009 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP08D C0G270303006 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP08F C0G270303007 11' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09A C0G210257010 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP09A2 C0G280267001 2' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09C C0G280267002 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09I C0G280267003 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	27 UJ	22 UJ	22 UJ	28 UJ	2.6 J	4.8 J	29 U	23 UJ	22 UJ	290 J
71-43-2	Benzene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
75-27-4	Bromodichloromethane	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
75-25-2	Bromoform	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	27 UJ	22 UJ	22 UJ	28 UJ	22 UJ	22 UJ	29 UJ	R	R	R
75-15-0	Carbon disulfide	ug/kg	6.7 UJ	5.6 UJ	5.4 UJ	6.9 UJ	5.6 U	5.5 U	7.2 UJ	5.8 U	5.6 U	14 U
56-23-5	Carbon tetrachloride	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
108-90-7	Chlorobenzene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
124-48-1	Dibromochloromethane	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
75-00-3	Chloroethane	ug/kg	13 U	11 UJ	11 UJ	14 U	11 U	11 U	14 UJ	R	R	R
67-66-3	Chloroform	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
74-87-3	Chloromethane	ug/kg	13 UJ	11 U	11 U	14 UJ	11 U	11 U	14 U	12 U	11 U	28 U
75-34-3	1,1-Dichloroethane	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
107-06-2	1,2-Dichloroethane	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
75-35-4	1,1-Dichloroethene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
78-87-5	1,2-Dichloropropane	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
100-41-4	Ethylbenzene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
591-78-6	2-Hexanone	ug/kg	27 U	22 U	22 U	28 U	22 UJ	22 UJ	29 UJ	23 UJ	22 UJ	55 UJ
75-09-2	Methylene chloride	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
108-10-1	4-Methyl-2-pentanone	ug/kg	27 U	22 U	22 U	28 U	22 UJ	22 UJ	29 U	23 UJ	22 UJ	55 UJ
100-42-5	Styrene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 UJ
127-18-4	Tetrachloroethene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
108-88-3	Toluene	ug/kg	6.7 U	2.2 J	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	4.2 J
71-55-6	1,1,1-Trichloroethane	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
79-00-5	1,1,2-Trichloroethane	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
79-01-6	Trichloroethene	ug/kg	6.7 U	5.6 U	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U
75-01-4	Vinyl chloride	ug/kg	13 U	11 U	11 U	14 U	11 U	11 U	14 U	12 U	11 U	28 U
1330-20-7	Xylenes (total)	ug/kg	6.7 U	8.6	5.4 U	6.9 U	5.6 U	5.5 U	7.2 U	5.8 U	5.6 U	14 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP07A C0G210257008 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP07D C0G260183006 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP07I C0G260183007 17' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP08A C0G210257009 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP08D C0G270303006 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP08F C0G270303007 11' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09A C0G210257010 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP09A2 C0G280267001 2' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09C C0G280267002 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09I C0G280267003 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
208-96-8	Acenaphthylene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
120-12-7	Anthracene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
56-55-3	Benzo(a)anthracene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
50-32-8	Benzo(a)pyrene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
205-99-2	Benzo(b)fluoranthene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
207-08-9	Benzo(k)fluoranthene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
191-24-2	Benzo(ghi)perylene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	440 U	940	360 U	460 U	370 U	360 U	480 U		370 U	370 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
86-74-8	Carbazole	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
106-47-8	4-Chloroaniline	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
95-57-8	2-Chlorophenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
218-01-9	Chrysene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
132-64-9	Dibenzofuran	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
84-66-2	Diethyl phthalate	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP07A C0G210257008 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP07D C0G260183006 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP07I C0G260183007 17' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP08A C0G210257009 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP08D C0G270303006 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP08F C0G270303007 11' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09A C0G210257010 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP09A2 C0G280267001 2' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09C C0G280267002 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09I C0G280267003 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
206-44-0	Fluoranthene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
86-73-7	Fluorene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
118-74-1	Hexachlorobenzene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
67-72-1	Hexachloroethane	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
78-59-1	Isophorone	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
95-48-7	2-Methylphenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
106-44-5	4-Methylphenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
91-20-3	Naphthalene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
88-74-4	2-Nitroaniline	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
98-95-3	Nitrobenzene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
88-75-5	2-Nitrophenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
100-02-7	4-Nitrophenol	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
87-86-5	Pentachlorophenol	ug/kg	2100 U	1800 U	1700 U	2200 U	1800 U	1800 U	2300 U		1800 U	1800 U
85-01-8	Phenanthrene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
108-95-2	Phenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
129-00-0	Pyrene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	440 U	370 U	360 U	460 U	370 U	360 U	480 U		370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP07A C0G210257008 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP07D C0G260183006 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP07I C0G260183007 17' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP08A C0G210257009 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP08D C0G270303006 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP08F C0G270303007 11' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09A C0G210257010 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP09A2 C0G280267001 2' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09C C0G280267002 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09I C0G280267003 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	0.15 JN	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
319-85-7	beta-BHC	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
319-86-8	delta-BHC	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
76-44-8	Heptachlor	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
309-00-2	Aldrin	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
959-98-8	Endosulfan I	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
60-57-1	Dieldrin	ug/kg	0.37 J	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	3.8 J	0.82 JN	1.8 U	36	0.45 J	1.8 J	140		1.9 U	0.14 JN
72-20-8	Endrin	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	2.3 U	0.59 J	1.8 U	2.2 JN	1.9 U	1.7 J	4.9 J		1.9 U	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	2.3 U	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	7.8	0.3 J	1.8 U	41	1.9 U	4.4 U	51		1.9 U	1.9 U
72-43-5	Methoxychlor	ug/kg	4.4 U	3.7 U	3.6 U	4.6 U	3.7 U	3.6 U	19 U		3.7 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	0.61 JN	1.9 U	1.8 U	2.3 U	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	2.3 U	1.9 U	1.8 U	0.37 JN	1.9 U	1.9 U	9.8 U		1.9 U	1.9 U
8001-35-2	Toxaphene	ug/kg	89 U	74 U	73 U	92 U	75 U	74 U	390 U		75 U	74 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	44 U	37 U	36 U	46 U	37 U	36 U	48 U		37 U	37 U
11104-28-2	Aroclor 1221	ug/kg	44 U	37 U	36 U	46 U	37 U	36 U	48 U		37 U	37 U
11141-16-5	Aroclor 1232	ug/kg	44 U	37 U	36 U	46 U	37 U	36 U	48 U		37 U	37 U
53469-21-9	Aroclor 1242	ug/kg	44 U	37 U	36 U	46 U	37 U	36 U	48 U		37 U	37 U
12672-29-6	Aroclor 1248	ug/kg	44 U	37 U	36 U	46 U	37 U	36 U	48 U		37 U	37 U
11097-69-1	Aroclor 1254	ug/kg	44 U	37 U	36 U	46 U	37 U	36 U	48 U		37 U	37 U
11096-82-5	Aroclor 1260	ug/kg	44 U	37 U	36 U	46 U	37 U	36 U	48 U		37 U	37 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP07A C0G210257008 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP07D C0G260183006 7' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP07I C0G260183007 17' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-HP08A C0G210257009 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP08D C0G270303006 7' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP08F C0G270303007 11' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09A C0G210257010 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC2-HP09A2 C0G280267001 2' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09C C0G280267002 5' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000	AOC2-HP09I C0G280267003 17' STL Pittsburgh SADVA8 SOIL 7/26/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	12000	15600	14900	16000	11400	11400	13000		12300	12200
7440-36-0	Antimony	mg/kg	0.34 J	0.16 UJ	0.16 UJ	0.37 J	0.4 J	0.3 J	0.39 J		0.23 J	0.31 J
7440-38-2	Arsenic	mg/kg	7.2	7.9	7.9	7.4	9.1	7.7	6.3		8.3	7.3
7440-39-3	Barium	mg/kg	52.4	70.9	63.7	62.4	48.1	44.2	60.2		47.4	60.1
7440-41-7	Beryllium	mg/kg	0.65 J	0.79	0.73	0.72	0.64	0.6	0.63 J		0.63	0.66
7440-43-9	Cadmium	mg/kg	0.42 J	0.25 J	0.19 J	0.44 J	0.22 J	0.25 J	0.44 J		0.32 J	0.24 J
7440-70-2	Calcium	mg/kg	2960	22200 J	17000 J	3310	18700 J	20100 J	3870		32000 J	15000 J
7440-47-3	Chromium	mg/kg	18.2 J	19.2	19.7	20.9 J	18.2	18.2	17.1 J		19.4	18.3
7440-48-4	Cobalt	mg/kg	12.9 J	15.6	20.3	13.3 J	14.9	14.6	11.1 J		14.9	16.2
7440-50-8	Copper	mg/kg	26.2	36	34.5	28	37.6 J	35 J	19.9		36.2 J	32.3 J
7439-89-6	Iron	mg/kg	27600 J	32000 J	34200 J	29500 J	29200 J	28400 J	23500 J		30600 J	29000 J
7439-92-1	Lead	mg/kg	23.6	14.1	13.2	20.7	17.3	13.9	23		15.1	13.7
7439-95-4	Magnesium	mg/kg	4710	7550	9620	5160	7490	7740	3920		9080	7620
7439-96-5	Manganese	mg/kg	489	592	835	475	558 J	552 J	539		653 J	667 J
7439-97-6	Mercury	mg/kg	0.04 J	0.023 J	0.04	0.043 J	0.041 J	0.028 J	0.054		0.034 J	0.025 J
7440-02-0	Nickel	mg/kg	24 J	32.6	37.6	24.3 J	29.8	28.8	18.4 J		33.3	31.4
7440-09-7	Potassium	mg/kg	1080	1890	2170	1410	1290	1320	998		1200	1900
7782-49-2	Selenium	mg/kg	0.52 J	0.23 U	0.23 U	0.3 J	0.23 U	0.23 U	0.3 U		0.23 U	0.23 U
7440-22-4	Silver	mg/kg	0.14 J	0.16 J	0.25 J	0.2 J	0.22 J	0.19 J	0.2 J		0.21 J	0.14 J
7440-23-5	Sodium	mg/kg	45.3 J	84.9 J	115 J	63.3 J	69.7 J	77.5 J	68.1 J		75 J	92.8 J
7440-28-0	Thallium	mg/kg	0.52 U	0.43 U	0.42 U	0.54 U	0.43 U	0.43 U	0.56 U		0.44 U	0.43 U
7440-62-2	Vanadium	mg/kg	22.7	25.3	24.4	27.5	20 J	19.9 J	24.2		21.5 J	21.9 J
7440-66-6	Zinc	mg/kg	69.8	90.3 J	78.4 J	75	85.4	78.3	80.2		82.9	81.5
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	75	90	92.4	72.5	89.9	90.5	69.1	86.7	89.2	90.1

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP10 C0J060292004 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP11 C0J050202006 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP12 C0J050202004 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	Dup of AOC2-HP12 AOC2-HP112 C0J050202005 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP13 C0J050202002 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP14 C0J050202001 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP15 C0J060292002 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP16 C0J060292001 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP17 C0J060292003 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP18 C0J110265001 0.2' STL Pittsburgh SADVA19 SOIL 10/10/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	25 UJ	24 UJ	33 UJ	33 UJ	33 UJ	29 UJ	23 UJ	24 UJ	23 UJ	3.1 J
71-43-2	Benzene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
75-27-4	Bromodichloromethane	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
75-25-2	Bromoform	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
74-83-9	Bromomethane	ug/kg	13 UJ	12 UJ	17 UJ	17 UJ	17 UJ	15 UJ	11 UJ	12 UJ	12 UJ	R
78-93-3	2-Butanone	ug/kg	25 UJ	24 UJ	33 UJ	33 UJ	33 UJ	29 UJ	23 UJ	24 UJ	23 UJ	27 UJ
75-15-0	Carbon disulfide	ug/kg	6.3 UJ	6 UJ	8.3 UJ	8.3 UJ	8.3 UJ	7.3 UJ	5.7 UJ	5.9 UJ	5.8 UJ	6.7 U
56-23-5	Carbon tetrachloride	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
108-90-7	Chlorobenzene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
124-48-1	Dibromochloromethane	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
75-00-3	Chloroethane	ug/kg	13 UJ	12 UJ	17 UJ	17 UJ	17 UJ	15 UJ	11 UJ	12 UJ	12 UJ	13 UJ
67-66-3	Chloroform	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
74-87-3	Chloromethane	ug/kg	13 U	12 U	17 U	17 U	17 U	15 U	11 U	12 U	12 U	13 U
75-34-3	1,1-Dichloroethane	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
107-06-2	1,2-Dichloroethane	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
75-35-4	1,1-Dichloroethene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
78-87-5	1,2-Dichloropropane	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
100-41-4	Ethylbenzene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
591-78-6	2-Hexanone	ug/kg	25 U	24 U	33 U	33 U	33 U	29 U	23 U	24 U	23 U	27 UJ
75-09-2	Methylene chloride	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	25 UJ	24 UJ	33 UJ	33 UJ	33 UJ	29 UJ	23 UJ	24 UJ	23 UJ	27 UJ
100-42-5	Styrene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
127-18-4	Tetrachloroethene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
108-88-3	Toluene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
71-55-6	1,1,1-Trichloroethane	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
79-00-5	1,1,2-Trichloroethane	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
79-01-6	Trichloroethene	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U
75-01-4	Vinyl chloride	ug/kg	13 U	12 U	17 U	17 U	17 U	15 U	11 U	12 U	12 U	13 U
1330-20-7	Xylenes (total)	ug/kg	6.3 U	6 U	8.3 U	8.3 U	8.3 U	7.3 U	5.7 U	5.9 U	5.8 U	6.7 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP10 C0J060292004 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP11 C0J050202006 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP12 C0J050202004 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	Dup of AOC2-HP12 AOC2-HP112 C0J050202005 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP13 C0J050202002 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP14 C0J050202001 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP15 C0J060292002 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP16 C0J060292001 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP17 C0J060292003 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP18 C0J110265001 0.2' STL Pittsburgh SADVA19 SOIL 10/10/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
208-96-8	Acenaphthylene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
120-12-7	Anthracene	ug/kg	61 J	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
56-55-3	Benzo(a)anthracene	ug/kg	410 J	400 U	550 U	550 U	550 U	210 J	23 J	390 U	31 J	890 U
50-32-8	Benzo(a)pyrene	ug/kg	550	400 U	550 U	550 U	550 U	150 J	26 J	390 U	52 J	890 U
205-99-2	Benzo(b)fluoranthene	ug/kg	620	400 U	550 U	550 U	550 U	130 J	25 J	390 U	33 J	890 U
207-08-9	Benzo(k)fluoranthene	ug/kg	550	400 U	550 U	550 U	550 U	150 J	24 J	390 U	29 J	890 U
191-24-2	Benzo(ghi)perylene	ug/kg	210 J	400 U	550 U	550 U	550 U	1900 U	370 UJ	390 U	14 J	890 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
85-68-7	Butyl benzyl phthalate	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
86-74-8	Carbazole	ug/kg	54 J	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
106-47-8	4-Chloroaniline	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
91-58-7	2-Chloronaphthalene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
95-57-8	2-Chlorophenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
218-01-9	Chrysene	ug/kg	680	400 U	550 U	550 U	550 U	200 J	36 J	390 U	50 J	890 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	55 J	400 U	550 U	550 U	550 U	1900 U	370 UJ	390 U	380 UJ	890 U
132-64-9	Dibenzofuran	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
95-50-1	1,2-Dichlorobenzene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
541-73-1	1,3-Dichlorobenzene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
106-46-7	1,4-Dichlorobenzene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 U
120-83-2	2,4-Dichlorophenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
84-66-2	Diethyl phthalate	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
105-67-9	2,4-Dimethylphenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
131-11-3	Dimethyl phthalate	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
84-74-2	Di-n-butyl phthalate	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
117-84-0	Di-n-octyl phthalate	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP10 C0J060292004 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP11 C0J050202006 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP12 C0J050202004 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	Dup of AOC2-HP12 AOC2-HP112 C0J050202005 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP13 C0J050202002 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP14 C0J050202001 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP15 C0J060292002 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP16 C0J060292001 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP17 C0J060292003 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP18 C0J110265001 0.2' STL Pittsburgh SADVA19 SOIL 10/10/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 U
121-14-2	2,4-Dinitrotoluene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
606-20-2	2,6-Dinitrotoluene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
206-44-0	Fluoranthene	ug/kg	940	400 U	550 U	550 U	550 U	340 J	38 J	390 U	61 J	890 U
86-73-7	Fluorene	ug/kg	23 J	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
118-74-1	Hexachlorobenzene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
87-68-3	Hexachlorobutadiene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 U
67-72-1	Hexachloroethane	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	230 J	400 U	550 U	550 U	550 U	1900 U	13 J	390 U	13 J	890 U
78-59-1	Isophorone	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
91-57-6	2-Methylnaphthalene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
95-48-7	2-Methylphenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
106-44-5	4-Methylphenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
91-20-3	Naphthalene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
88-74-4	2-Nitroaniline	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 U
99-09-2	3-Nitroaniline	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 U
100-01-6	4-Nitroaniline	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 U
98-95-3	Nitrobenzene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
88-75-5	2-Nitrophenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
100-02-7	4-Nitrophenol	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
87-86-5	Pentachlorophenol	ug/kg	2000 U	1900 U	2700 U	2700 U	2600 U	9300 U	1800 U	1900 U	1900 U	4300 U
85-01-8	Phenanthrene	ug/kg	480	400 U	550 U	550 U	550 U	300 J	27 J	390 U	30 J	890 U
108-95-2	Phenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
129-00-0	Pyrene	ug/kg	750	400 U	33 J	550 U	550 U	290 J	43 J	390 U	55 J	890 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	420 U	400 U	550 U	550 U	550 U	1900 U	370 U	390 U	380 U	890 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP10 C0J060292004 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP11 C0J050202006 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP12 C0J050202004 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	Dup of AOC2-HP12 AOC2-HP112 C0J050202005 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP13 C0J050202002 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP14 C0J050202001 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP15 C0J060292002 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP16 C0J060292001 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP17 C0J060292003 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP18 C0J110265001 0.2' STL Pittsburgh SADVA19 SOIL 10/10/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	0.086 J	2.1 U	2.8 U	2.8 U	0.15 J	2.5 U	1.9 U	2 U	2 U	2.3 U
319-85-7	beta-BHC	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
319-86-8	delta-BHC	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
76-44-8	Heptachlor	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	0.35 JN	1.9 U	2 U	2 U	2.3 U
309-00-2	Aldrin	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
1024-57-3	Heptachlor epoxide	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	0.11 JN	1.9 U	2 U	2 U	2.3 U
959-98-8	Endosulfan I	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
60-57-1	Dieldrin	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	0.38 JN	1.9 U	2 U	0.89 JN	2.3 U
72-55-9	4,4'-DDE	ug/kg	1.6 JN	9.4	1.6 J	2.1 J	2.2 J	4.9	5.5	1.6 J	8.3	2 J
72-20-8	Endrin	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
53494-70-5	Endrin ketone	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
7421-93-4	Endrin aldehyde	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
33213-65-9	Endosulfan II	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
72-54-8	4,4'-DDD	ug/kg	2.1 U	2.1 U	1.2 JN	2.8 U	2.8 U	2.5 U	1.9 U	0.4 J	0.68 JN	2.3 U
1031-07-8	Endosulfan sulfate	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
50-29-3	4,4'-DDT	ug/kg	1.3 JN	4.3	0.61 JN	0.68 JN	1.2 JN	5.4	12	2.6	15	2 J
72-43-5	Methoxychlor	ug/kg	4.2 U	4 U	5.5 U	5.5 U	5.5 U	4.8 U	0.92 JN	3.9 U	3.8 U	4.4 U
5103-71-9	alpha-Chlordane	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	0.93 JN	1.9 U	2 U	2 U	2.3 U
5103-74-2	gamma-Chlordane	ug/kg	2.1 U	2.1 U	2.8 U	2.8 U	2.8 U	2.5 U	1.9 U	2 U	2 U	2.3 U
8001-35-2	Toxaphene	ug/kg	85 U	81 U	110 U	110 U	110 U	98 U	76 U	80 U	78 U	90 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	42 U	40 U	55 U	55 U	55 U	48 U	37 U	39 U	38 U	44 U
11104-28-2	Aroclor 1221	ug/kg	42 U	40 U	55 U	55 U	55 U	48 U	37 U	39 U	38 U	44 U
11141-16-5	Aroclor 1232	ug/kg	42 U	40 U	55 U	55 U	55 U	48 U	37 U	39 U	38 U	44 U
53469-21-9	Aroclor 1242	ug/kg	42 U	40 U	55 U	55 U	55 U	48 U	37 U	39 U	38 U	44 U
12672-29-6	Aroclor 1248	ug/kg	42 U	40 U	55 U	55 U	55 U	48 U	37 U	39 U	38 U	44 U
11097-69-1	Aroclor 1254	ug/kg	42 U	40 U	55 U	55 U	55 U	48 U	37 U	39 U	38 U	44 U
11096-82-5	Aroclor 1260	ug/kg	42 U	40 U	55 U	55 U	55 U	48 U	37 U	39 U	38 U	44 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP10 C0J060292004 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP11 C0J050202006 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP12 C0J050202004 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	Dup of AOC2-HP12 AOC2-HP112 C0J050202005 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP13 C0J050202002 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP14 C0J050202001 0.2' STL Pittsburgh SADVA19 SOIL 10/4/2000 12/1/2000	AOC2-HP15 C0J060292002 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP16 C0J060292001 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP17 C0J060292003 0.2' STL Pittsburgh SADVA19 SOIL 10/5/2000 12/1/2000	AOC2-HP18 C0J110265001 0.2' STL Pittsburgh SADVA19 SOIL 10/10/2000 12/1/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	12700	12200	12800	12800	9270	7310	8060	8110	7950	7080
7440-36-0	Antimony	mg/kg	0.5 J	0.59 J	0.37 J	0.35 J	0.59 J	0.38 J	0.43 J	0.2 J	0.45 J	0.43 J
7440-38-2	Arsenic	mg/kg	5.4	7.9	6.1	5.9	5.9	5.1	4.6	16.4	4.3	5.3
7440-39-3	Barium	mg/kg	58.8	71.9	84.8	86.9	104	39.4	41.7	60.3	33	38.2
7440-41-7	Beryllium	mg/kg	0.61 J	0.63	0.65 J	0.67 J	0.52 J	0.44 J	0.4 J	0.38 J	0.38 J	0.41 J
7440-43-9	Cadmium	mg/kg	0.24 J	0.52 J	0.49 J	0.52 J	0.35 J	0.37 J	0.34 J	0.21 J	0.29 J	0.24 J
7440-70-2	Calcium	mg/kg	3380 J	22600 J	6050 J	5990 J	18700 J	21700 J	2590 J	1520 J	1280 J	46600 J
7440-47-3	Chromium	mg/kg	15	16.1	17.1	17.5	15	12	9.9	9.3	10.1	11.3
7440-48-4	Cobalt	mg/kg	12.2	11.9	9.7	10	12.2	9.6	5.8	5.3 J	5.8	8.3
7440-50-8	Copper	mg/kg	14.3	23.3	21.8	22.2	21.5	14.2	13.5	26.9	13.4	18.2
7439-89-6	Iron	mg/kg	22600	25300	24800	25700	22800	16800	14500	14100	16900	16900
7439-92-1	Lead	mg/kg	19.9	20.9	60.8	58.1	16.5	30.5	30.2	17.6	21.2	17.2
7439-95-4	Magnesium	mg/kg	3760 J	13100 J	3740 J	3860 J	5440 J	5040 J	2240 J	2150 J	2320 J	5880 J
7439-96-5	Manganese	mg/kg	664	875	369	404	767	506	243	373	197	437
7439-97-6	Mercury	mg/kg	0.059	0.053	0.086	0.095	0.055 J	0.074	0.084	0.039 J	0.054	0.04 J
7440-02-0	Nickel	mg/kg	16.4	21.5	18.2	18	24.8	17.5	12.9	10.6	12.5	15.2
7440-09-7	Potassium	mg/kg	767	1590	1450	1360	1660	592 J	490 J	443 J	539 J	503 J
7782-49-2	Selenium	mg/kg	0.58 J	0.46 J	0.79 J	0.9	1.2	0.93	0.88	0.44 J	0.72	0.28 U
7440-22-4	Silver	mg/kg	0.16 J	0.11 U	0.16 U	0.16 U	0.17 J	0.17 J	0.11 U	0.11 U	0.11 U	0.13 U
7440-23-5	Sodium	mg/kg	215 J	108 J	580 J	619 J	179 J	482 J	71.9 J	41.7 J	28.7 J	379 J
7440-28-0	Thallium	mg/kg	0.49 U	0.47 U	0.64 U	0.65 U	0.64 U	0.57 U	0.44 U	0.67 J	0.45 U	0.52 U
7440-62-2	Vanadium	mg/kg	21.4	22.4	23.6	24	16.6	17.1	18.5	14.6	15.9	13.7
7440-66-6	Zinc	mg/kg	57.1 J	81.9 J	134 J	133 J	74.6 J	86.5 J	56.4 J	48.5 J	46 J	59.2 J
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg	33600	27600	51300	53400	48200	38800	39500	19900	30100	31600
Q1082	Percent Solids	%	79.2	82.8	60.3	60.1	60.4	68.5	88.4	84.1	86.4	74.2

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP19D C0G270304003 STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-SB01A C0G260183004 0.2' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-SB01B C0G310113001 3' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB01D C0G310113002 7' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB02A C0G260183005 0.2' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-SB02B C0G310113003 3' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB02D C0G310118001 7' STL Pittsburgh SADVA10 SOIL 7/28/2000 10/25/2000	AOC2-SB03A C0G270304001 0.2 STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-TP03B C0H150136001 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP03C C0H150136002 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	73 J	21 UJ	21 J	2.6 J	23 UJ	16 J	22 UJ	2.2 J	24 UJ	22 UJ
71-43-2	Benzene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
75-27-4	Bromodichloromethane	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
75-25-2	Bromoform	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	22 UJ	21 UJ	3.5 J	22 UJ	23 UJ	23 UJ	R	21 UJ	24 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	5.5 U	5.3 UJ	1.7 J	5.5 U	5.7 UJ	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
56-23-5	Carbon tetrachloride	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
108-90-7	Chlorobenzene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
124-48-1	Dibromochloromethane	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
75-00-3	Chloroethane	ug/kg	11 U	11 UJ	12 U	11 U	11 UJ	12 U	R	11 U	12 U	11 U
67-66-3	Chloroform	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
74-87-3	Chloromethane	ug/kg	11 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	12 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
107-06-2	1,2-Dichloroethane	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
75-35-4	1,1-Dichloroethene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
78-87-5	1,2-Dichloropropane	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
100-41-4	Ethylbenzene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
591-78-6	2-Hexanone	ug/kg	22 UJ	21 U	25 UJ	22 UJ	23 U	23 UJ	22 UJ	21 UJ	24 UJ	22 UJ
75-09-2	Methylene chloride	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	22 UJ	21 U	25 UJ	22 UJ	23 U	23 UJ	22 UJ	21 UJ	24 UJ	22 UJ
100-42-5	Styrene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
127-18-4	Tetrachloroethene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
108-88-3	Toluene	ug/kg	5.5 U	3.2 J	6.2 U	5.5 U	5.7 U	5.9 U	1.8 J	2.3 J	6.1 U	5.6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
79-01-6	Trichloroethene	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U
75-01-4	Vinyl chloride	ug/kg	11 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	12 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.5 U	5.3 U	6.2 U	5.5 U	5.7 U	5.9 U	5.5 U	5.3 U	6.1 U	5.6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP19D C0G270304003 STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-SB01A C0G260183004 0.2' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-SB01B C0G310113001 3' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB01D C0G310113002 7' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB02A C0G260183005 0.2' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-SB02B C0G310113003 3' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB02D C0G310118001 7' STL Pittsburgh SADVA10 SOIL 7/28/2000 10/25/2000	AOC2-SB03A C0G270304001 0.2 STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-TP03B C0H150136001 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP03C C0H150136002 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
208-96-8	Acenaphthylene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
120-12-7	Anthracene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
56-55-3	Benzo(a)anthracene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
50-32-8	Benzo(a)pyrene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
205-99-2	Benzo(b)fluoranthene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
207-08-9	Benzo(k)fluoranthene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
191-24-2	Benzo(ghi)perylene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	360 U	350 U	100 J	1100	370 U	180 J	67 J	350 U	14 J	7.3 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
86-74-8	Carbazole	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
106-47-8	4-Chloroaniline	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
95-57-8	2-Chlorophenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
218-01-9	Chrysene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
132-64-9	Dibenzofuran	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1700 U	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
84-66-2	Diethyl phthalate	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-HP19D C0G270304003 STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-SB01A C0G260183004 0.2' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-SB01B C0G310113001 3' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB01D C0G310113002 7' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB02A C0G260183005 0.2' STL Pittsburgh SADVA7 SOIL 7/25/2000 10/17/2000	AOC2-SB02B C0G310113003 3' STL Pittsburgh SADVA8 SOIL 7/28/2000 10/20/2000	AOC2-SB02D C0G310118001 7' STL Pittsburgh SADVA10 SOIL 7/28/2000 10/25/2000	AOC2-SB03A C0G270304001 0.2 STL Pittsburgh SADVA7 SOIL 7/26/2000 10/17/2000	AOC2-TP03B C0H150136001 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP03C C0H150136002 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1800 U	1700 UJ	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 UJ	1800 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	1700 UJ	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
206-44-0	Fluoranthene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
86-73-7	Fluorene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
118-74-1	Hexachlorobenzene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1700 U	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 U	1800 U
67-72-1	Hexachloroethane	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
78-59-1	Isophorone	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
95-48-7	2-Methylphenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
106-44-5	4-Methylphenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
91-20-3	Naphthalene	ug/kg	360 U	350 U	55 J	360 U	370 U	390 U	360 U	350 U	400 U	370 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	1700 U	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1700 U	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1700 U	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 U	1800 U
98-95-3	Nitrobenzene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
88-75-5	2-Nitrophenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1700 UJ	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1700 UJ	2000 U	1800 U	1800 U	1900 U	1800 U	1700 U	1900 U	1800 U
85-01-8	Phenanthrene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
108-95-2	Phenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
129-00-0	Pyrene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	360 U	350 U	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	360 U	350 UJ	410 U	360 U	370 U	390 U	360 U	350 U	400 U	370 U

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CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
319-85-7	beta-BHC	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.9 U	0.19 JN	2.1 U	1.9 U	0.17 JN	2 U	1.9 U	1.8 U	21 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	0.19 J	21 U	1.9 U
76-44-8	Heptachlor	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
309-00-2	Aldrin	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
959-98-8	Endosulfan I	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
60-57-1	Dieldrin	ug/kg	1.9 U	1.8 U	1.7 J	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	1.9 U	3.3 J	2 JN	1.9 U	0.15 JN	2 U	1.9 U	10	22	1.9 U
72-20-8	Endrin	ug/kg	1.9 U	0.4 J	2.1 U	1.9 U	0.66 JN	2 U	1.9 U	1.8 U	21 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	1.8 U	27	1.9 U	0.34 JN	2 U	1.9 U	1.7 JN	45	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	1.9 U	6.3	0.59 JN	1.9 U	1.9 U	2 U	1.9 U	8.6	90	1.9 U
72-43-5	Methoxychlor	ug/kg	3.6 U	2.4 J	4.1 U	3.6 U	3.7 U	3.9 U	3.6 U	3.5 U	40 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.8 U	21 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	1.8 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	0.19 JN	21 U	1.9 U
8001-35-2	Toxaphene	ug/kg	74 U	71 U	83 U	74 U	76 U	79 U	74 U	72 U	810 U	75 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	36 U	35 U	41 U	36 U	37 U	39 U	36 U	35 U	40 U	37 U
11104-28-2	Aroclor 1221	ug/kg	36 U	35 U	41 U	36 U	37 U	39 U	36 U	35 U	40 U	37 U
11141-16-5	Aroclor 1232	ug/kg	36 U	35 U	41 U	36 U	37 U	39 U	36 U	35 U	40 U	37 U
53469-21-9	Aroclor 1242	ug/kg	36 U	35 U	41 U	36 U	37 U	39 U	36 U	35 U	40 U	37 U
12672-29-6	Aroclor 1248	ug/kg	36 U	35 U	41 U	36 U	37 U	39 U	36 U	35 U	40 U	37 U
11097-69-1	Aroclor 1254	ug/kg	36 U	35 U	41 U	36 U	37 U	39 U	36 U	35 U	40 U	37 U
11096-82-5	Aroclor 1260	ug/kg	36 U	35 U	41 U	36 U	37 U	39 U	36 U	35 U	40 U	37 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	13400	11100	9050	12800	14100	14300	14100	11300	13800	11800
7440-36-0	Antimony	mg/kg	0.16 UJ	0.15 UJ	0.85 J	0.28 J	0.17 UJ	0.33 J	0.4 J	0.16 J	0.18 UJ	0.25 J
7440-38-2	Arsenic	mg/kg	9	6.3	6.4	8.3	5.7	7.5	8.7	7.6	10	8.6
7440-39-3	Barium	mg/kg	54.7	45.5	52.5	57.8	53.8	76.7	60.3	47.9	79.6	48.9
7440-41-7	Beryllium	mg/kg	0.67	0.56	0.51 J	0.69	0.63	0.8	0.7	0.6	0.75	0.62
7440-43-9	Cadmium	mg/kg	0.28 J	0.21 J	0.19 J	0.31 J	0.21 J	0.17 J	0.32 J	0.23 J	0.06 U	0.055 U
7440-70-2	Calcium	mg/kg	22900 J	12200 J	15600 J	25700 J	2170 J	2340 J	20000	12700 J	2910	32400
7440-47-3	Chromium	mg/kg	19.6	18.2	16.4	19.9	17.2	21.7	20.1 J	17	20.1	17.9
7440-48-4	Cobalt	mg/kg	16.6	14.9	12.1	15.5	13.2	16.4	18.5	15.4	18.7	16.6
7440-50-8	Copper	mg/kg	40.3	27.1	25.8 J	36.5 J	25.5	36.9 J	41.6	29	38.5 J	36.5 J
7439-89-6	Iron	mg/kg	32600 J	26400 J	23800 J	30800 J	28900 J	32600 J	34600	28200 J	36300	30400
7439-92-1	Lead	mg/kg	14.8	19.3	18.1	14.6	20.7	12.8	17.5 J	22.2	17.8	14.5
7439-95-4	Magnesium	mg/kg	8790	6460	6220	8750	5150	6560	9050	6330	5660	8120
7439-96-5	Manganese	mg/kg	587	590	518 J	560 J	468	399 J	627	664	1150	672
7439-97-6	Mercury	mg/kg	0.031 J	0.016 J	R	R	0.0085 U	0.017 J	0.026 J	0.008 U	0.0091 UJ	0.027 J
7440-02-0	Nickel	mg/kg	32.9	26	23.7	32.1	25.3	34.4	36.6 J	24.3	28.1	33.2
7440-09-7	Potassium	mg/kg	1650	1260	625	1810	852	1190	1670 J	1250	811	1120
7782-49-2	Selenium	mg/kg	0.23 U	0.22 U	0.27 J	0.23 U	0.24 U	0.25 U	0.23 U	0.22 U	0.25 U	0.23 U
7440-22-4	Silver	mg/kg	0.18 J	0.37 J	0.15 J	0.15 J	0.11 U	0.27 J	0.12 J	0.33 J	0.16 J	0.14 J
7440-23-5	Sodium	mg/kg	75.6 J	330 J	5700	140 J	480 J	657	112 J	191 J	298 J	81.4 J
7440-28-0	Thallium	mg/kg	0.43 U	0.41 U	0.48 U	0.43 U	0.44 U	0.46 U	0.43 U	0.42 U	0.47 U	0.43 U
7440-62-2	Vanadium	mg/kg	22	20.6	16.7 J	22.8 J	23.8	24.2 J	23.1 J	20.9	24.5 J	20.1 J
7440-66-6	Zinc	mg/kg	92.3 J	67.4 J	76.4	85.6	67.5 J	83.5	91.5	75.1 J	87.4	85
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	90.7	94.6	80.4	90.9	88.1	85.3	90.9	93.6	82.5	89.3

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-TP05B C0H150136003 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05C C0H150136004 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07B C0H150136005 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07C C0H150136006 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11B C0H150136008 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11C C0H150136009 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14B C0H150136010 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14C C0H150136011 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP17C C0H150136007 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:									
	VOLATILES										
67-64-1	Acetone	ug/kg	24 UJ	22 UJ	24 UJ	23 UJ	24 UJ	22 UJ	24 UJ	22 UJ	22 UJ
71-43-2	Benzene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	2.6 J	5.6 U	5.6 U
75-27-4	Bromodichloromethane	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
75-25-2	Bromoform	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	24 UJ	22 UJ	24 UJ	23 UJ	24 UJ	22 UJ	24 UJ	1.6 J	22 UJ
75-15-0	Carbon disulfide	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	1.2 J	5.6 U
56-23-5	Carbon tetrachloride	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
108-90-7	Chlorobenzene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
124-48-1	Dibromochloromethane	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
75-00-3	Chloroethane	ug/kg	12 U	11 U	12 U	11 U	12 U	11 U	12 U	11 U	11 U
67-66-3	Chloroform	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
74-87-3	Chloromethane	ug/kg	12 U	11 U	12 U	11 U	12 U	11 U	12 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
107-06-2	1,2-Dichloroethane	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
75-35-4	1,1-Dichloroethene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
78-87-5	1,2-Dichloropropane	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
100-41-4	Ethylbenzene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	24	5.6 U	5.6 U
591-78-6	2-Hexanone	ug/kg	24 UJ	22 UJ	24 UJ	23 UJ	24 UJ	22 UJ	24 UJ	23 UJ	22 UJ
75-09-2	Methylene chloride	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	24 UJ	22 UJ	24 UJ	23 UJ	24 UJ	22 UJ	24 UJ	23 UJ	22 UJ
100-42-5	Styrene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
127-18-4	Tetrachloroethene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
108-88-3	Toluene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
79-01-6	Trichloroethene	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	6 U	5.6 U	5.6 U
75-01-4	Vinyl chloride	ug/kg	12 U	11 U	12 U	11 U	12 U	11 U	12 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	6.1 U	5.6 U	6 U	5.7 U	6.1 U	5.6 U	73	5.6 U	5.6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-TP05B C0H150136003 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05C C0H150136004 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07B C0H150136005 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07C C0H150136006 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11B C0H150136008 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11C C0H150136009 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14B C0H150136010 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14C C0H150136011 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP17C C0H150136007 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:									
	SEMIVOLATILES										
83-32-9	Acenaphthene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
208-96-8	Acenaphthylene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
120-12-7	Anthracene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
56-55-3	Benzo(a)anthracene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
50-32-8	Benzo(a)pyrene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
205-99-2	Benzo(b)fluoranthene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
207-08-9	Benzo(k)fluoranthene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
191-24-2	Benzo(ghi)perylene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	15 J	370 U	27 J	370 U	400 U	370 U	400 U	370 U	370 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
86-74-8	Carbazole	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
106-47-8	4-Chloroaniline	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	170 J	370 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
95-57-8	2-Chlorophenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
218-01-9	Chrysene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
132-64-9	Dibenzofuran	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
84-66-2	Diethyl phthalate	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	400 U	370 U	63 J	370 U	400 U	370 U	400 U	370 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U

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CAS NO.	COMPOUND	UNITS:									
	SEMIVOLATILES CONT'D										
51-28-5	2,4-Dinitrophenol	ug/kg	1900 UJ	1800 UJ	1900 UJ	1800 UJ	1900 UJ	1800 UJ	1900 UJ	1800 UJ	1800 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
206-44-0	Fluoranthene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
86-73-7	Fluorene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
118-74-1	Hexachlorobenzene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
67-72-1	Hexachloroethane	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
78-59-1	Isophorone	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
95-48-7	2-Methylphenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
106-44-5	4-Methylphenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
91-20-3	Naphthalene	ug/kg	400 U	370 U	35 J	370 U	400 U	370 U	400 U	370 U	370 U
88-74-4	2-Nitroaniline	ug/kg	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
98-95-3	Nitrobenzene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
88-75-5	2-Nitrophenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U	1800 U	1800 U
85-01-8	Phenanthrene	ug/kg	400 U	370 U	18 J	370 U	400 U	370 U	400 U	370 U	370 U
108-95-2	Phenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
129-00-0	Pyrene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	400 U	370 U	390 U	370 U	400 U	370 U	400 U	370 U	370 U

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CAS NO.	COMPOUND	UNITS:									
	PESTICIDES										
319-84-6	alpha-BHC	ug/kg	0.19 J	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
319-85-7	beta-BHC	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.7 J	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
76-44-8	Heptachlor	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
309-00-2	Aldrin	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
959-98-8	Endosulfan I	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
60-57-1	Dieldrin	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	3.7	1.9 U	7.8 JN	1.9 U	2.9 J	1.9 U	1.2 JN	1.9 U	1.9 U
72-20-8	Endrin	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	26	1.9 U	140	1.9 U	54	1.9 U	12	1.9 U	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	1.1 JN	1.9 U	7.7 J	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
72-43-5	Methoxychlor	ug/kg	4 U	3.7 U	39 U	3.7 U	20 U	3.7 U	4 U	3.7 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	2.1 U	1.9 U	20 U	1.9 U	10 U	1.9 U	2.1 U	1.9 U	1.9 U
8001-35-2	Toxaphene	ug/kg	81 U	75 U	800 U	76 U	410 U	75 U	81 U	76 U	74 U
	PCBs										
12674-11-2	Aroclor 1016	ug/kg	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
11104-28-2	Aroclor 1221	ug/kg	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
11141-16-5	Aroclor 1232	ug/kg	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
53469-21-9	Aroclor 1242	ug/kg	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
12672-29-6	Aroclor 1248	ug/kg	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
11097-69-1	Aroclor 1254	ug/kg	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U
11096-82-5	Aroclor 1260	ug/kg	40 U	37 U	39 U	37 U	40 U	37 U	40 U	37 U	37 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC2		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2-TP05B C0H150136003 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP05C C0H150136004 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07B C0H150136005 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP07C C0H150136006 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11B C0H150136008 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP11C C0H150136009 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14B C0H150136010 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP14C C0H150136011 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000	AOC2-TP17C C0H150136007 STL Pittsburgh SADVA11 SOIL 8/14/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:									
	METALS										
7429-90-5	Aluminum	mg/kg	12300	13500	14200	13800	15700	14600	14300	14300	12700
7440-36-0	Antimony	mg/kg	0.18 UJ	0.16 UJ	0.17 UJ	0.16 UJ	0.18 UJ	0.16 UJ	0.23 J	0.26 J	0.28 J
7440-38-2	Arsenic	mg/kg	3.9	8.6	8.4	8.3	7.9	8.8	10.4	9.1	8.2
7440-39-3	Barium	mg/kg	57.3	57.7	78.8	53.7	83.2	64	46.7	66.2	56.4
7440-41-7	Beryllium	mg/kg	0.55 J	0.69	0.75	0.74	0.76	0.76	0.7	0.78	0.67
7440-43-9	Cadmium	mg/kg	0.06 U	0.055 U	0.059 U	0.056 U	0.084 J	0.17 J	0.14 J	0.14 J	0.055 U
7440-70-2	Calcium	mg/kg	2610	32100	3940	26300	4940	30900	25300	34000	25000
7440-47-3	Chromium	mg/kg	15.5	19.7	21.1	19.3	21	20.6	20.4	20.3	18.5
7440-48-4	Cobalt	mg/kg	10.7	14.5	17.6	15.4	16.5	16.4	18.6	19	17.7
7440-50-8	Copper	mg/kg	20.2 J	41.3 J	38.1 J	41.8 J	33.6 J	40.8 J	35 J	41.3 J	37.8 J
7439-89-6	Iron	mg/kg	24900	33400	36200	33800	35000	34900	32600	35800	32000
7439-92-1	Lead	mg/kg	13.4	15.5	17.4	13.7	17.7	14	14.5	14.7	14.1
7439-95-4	Magnesium	mg/kg	4260	9200	6470	10200	6180	9520	8310	9100	8750
7439-96-5	Manganese	mg/kg	239	484	392	513	590	603	528	743	646
7439-97-6	Mercury	mg/kg	0.0091 UJ	0.018 J	0.014 J	0.0085 UJ	0.0091 UJ	0.011 J	0.017 J	0.023 J	0.0083 UJ
7440-02-0	Nickel	mg/kg	18.1	31	34.5	32.4	29.5	35	35.9	38.1	33.3
7440-09-7	Potassium	mg/kg	582 J	1490	1030	1610	885	1820	1350	1850	1380
7782-49-2	Selenium	mg/kg	0.25 U	0.24 U	0.25 U	0.24 U	0.25 U	0.23 U	0.25 U	0.24 U	0.23 U
7440-22-4	Silver	mg/kg	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.14 J	0.12 J	0.1 U
7440-23-5	Sodium	mg/kg	1240	136 J	797	181 J	1150	282 J	709	152 J	166 J
7440-28-0	Thallium	mg/kg	0.72 J	0.44 U	0.49 J	0.44 U	0.51 J	0.44 U	0.72 J	0.44 U	0.43 U
7440-62-2	Vanadium	mg/kg	19.7 J	22.4 J	24.5 J	23.4 J	27.5 J	25.1 J	24.6 J	25.3 J	21.8 J
7440-66-6	Zinc	mg/kg	69.5	89.3	96.8	92.7	91.8	101	218	89.1	86.2
	OTHER										
7440-44-0	Total Organic Carbon	mg/kg									
Q1082	Percent Solids	%	82.4	88.9	84	88.2	82.4	89.2	82.9	88.5	90

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB01A C0G200280013 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	Dup of AOC3-SB01A AOC3-SB101A C0G200280014 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01D C0G200280015 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01E C0G200280016 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02A C0G200280010 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02D C0G200280011 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02G C0G200280012 13' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03A C0G200280007 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03B C0G200280008 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03E C0G200280009 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	21 UJ	21 UJ	21 UJ	22 UJ	24 UJ	22 UJ	9.3 J	23 UJ	5.8 J	11 J
71-43-2	Benzene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
75-27-4	Bromodichloromethane	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
75-25-2	Bromoform	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	21 UJ	21 UJ	21 UJ	22 UJ	24 UJ	22 UJ	22 UJ	23 UJ	23 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
56-23-5	Carbon tetrachloride	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
108-90-7	Chlorobenzene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
124-48-1	Dibromochloromethane	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
75-00-3	Chloroethane	ug/kg	11 UJ	11 UJ	11 UJ	11 UJ	12 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ
67-66-3	Chloroform	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
74-87-3	Chloromethane	ug/kg	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
107-06-2	1,2-Dichloroethane	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
75-35-4	1,1-Dichloroethene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
78-87-5	1,2-Dichloropropane	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
100-41-4	Ethylbenzene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
591-78-6	2-Hexanone	ug/kg	21 U	21 U	21 U	22 U	24 U	22 U	22 U	23 U	23 U	22 U
75-09-2	Methylene chloride	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
108-10-1	4-Methyl-2-pentanone	ug/kg	21 U	21 U	21 U	22 U	24 U	22 U	22 U	23 U	23 U	22 U
100-42-5	Styrene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
127-18-4	Tetrachloroethene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
108-88-3	Toluene	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	2.2 J	5.4 U	5.7 U	5.7 U	5.4 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U
79-01-6	Trichloroethene	ug/kg	5.4 U	5.4 U	2.4 J	8.8	6 U	2.3 J	11	5.7 U	5.7 U	3.5 J
75-01-4	Vinyl chloride	ug/kg	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.4 U	5.4 U	5.4 U	5.5 U	6 U	5.4 U	5.4 U	5.7 U	5.7 U	5.4 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB01A C0G200280013 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	Dup of AOC3-SB01A AOC3-SB101A C0G200280014 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01D C0G200280015 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01E C0G200280016 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02A C0G200280010 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02D C0G200280011 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02G C0G200280012 13' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03A C0G200280007 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03B C0G200280008 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03E C0G200280009 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
208-96-8	Acenaphthylene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
120-12-7	Anthracene	ug/kg	41 J	27 J	12 J	360 U	390 U	360 U	360 U	750 U	370 U	360 U
56-55-3	Benzo(a)anthracene	ug/kg	240 J	130 J	25 J	360 U	39 J	360 U	360 U	72 J	370 U	360 U
50-32-8	Benzo(a)pyrene	ug/kg	110 J	75 J	22 J	360 U	39 J	360 U	360 U	69 J	370 U	360 U
205-99-2	Benzo(b)fluoranthene	ug/kg	480 JN	300 JN	33 J	360 U	39 J	360 U	360 U	66 J	370 U	360 U
207-08-9	Benzo(k)fluoranthene	ug/kg	480 JN	300 JN	34 J	360 U	46 J	360 U	360 U	90 J	370 U	360 U
191-24-2	Benzo(ghi)perylene	ug/kg	68 J	35 J	9.4 J	360 U	26 J	360 U	360 U	70 J	370 U	360 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	27 J	23 J	180 J	150 J	390 U	400	89 J	750 U	190 J	180 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
85-68-7	Butyl benzyl phthalate	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
86-74-8	Carbazole	ug/kg	22 J	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
106-47-8	4-Chloroaniline	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
91-58-7	2-Chloronaphthalene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
95-57-8	2-Chlorophenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
218-01-9	Chrysene	ug/kg	310 J	190 J	33 J	360 U	50 J	360 U	360 U	87 J	370 U	360 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	350 U	13 J	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
132-64-9	Dibenzofuran	ug/kg	16 J	15 J	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
95-50-1	1,2-Dichlorobenzene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
541-73-1	1,3-Dichlorobenzene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
106-46-7	1,4-Dichlorobenzene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
120-83-2	2,4-Dichlorophenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
84-66-2	Diethyl phthalate	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
105-67-9	2,4-Dimethylphenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
131-11-3	Dimethyl phthalate	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
84-74-2	Di-n-butyl phthalate	ug/kg	46 J	200 J	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
117-84-0	Di-n-octyl phthalate	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB01A C0G200280013 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	Dup of AOC3-SB01A AOC3-SB101A C0G200280014 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01D C0G200280015 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01E C0G200280016 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02A C0G200280010 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02D C0G200280011 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02G C0G200280012 13' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03A C0G200280007 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03B C0G200280008 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03E C0G200280009 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
121-14-2	2,4-Dinitrotoluene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
606-20-2	2,6-Dinitrotoluene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
206-44-0	Fluoranthene	ug/kg	400	270 J	42 J	360 U	71 J	360 U	360 U	190 J	370 U	360 U
86-73-7	Fluorene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
118-74-1	Hexachlorobenzene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
87-68-3	Hexachlorobutadiene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
67-72-1	Hexachloroethane	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	86 J	41 J	11 J	360 U	29 J	360 U	360 U	43 J	370 U	360 U
78-59-1	Isophorone	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
91-57-6	2-Methylnaphthalene	ug/kg	28 J	41 J	28 J	360 U	390 U	360 U	360 U	750 U	370 U	360 U
95-48-7	2-Methylphenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
106-44-5	4-Methylphenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
91-20-3	Naphthalene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
88-74-4	2-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
99-09-2	3-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
100-01-6	4-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
98-95-3	Nitrobenzene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
88-75-5	2-Nitrophenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
100-02-7	4-Nitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
87-86-5	Pentachlorophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1900 U	1700 U	1700 U	3700 U	1800 U	1700 U
85-01-8	Phenanthrene	ug/kg	210 J	160 J	33 J	360 U	37 J	360 U	360 U	120 J	370 U	360 U
108-95-2	Phenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
129-00-0	Pyrene	ug/kg	310 J	170 J	32 J	360 U	75 J	360 U	360 U	130 J	370 U	360 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	350 U	350 U	350 U	360 U	390 U	360 U	360 U	750 U	370 U	360 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB01A C0G200280013 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	Dup of AOC3-SB01A AOC3-SB101A C0G200280014 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01D C0G200280015 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01E C0G200280016 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02A C0G200280010 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02D C0G200280011 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02G C0G200280012 13' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03A C0G200280007 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03B C0G200280008 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03E C0G200280009 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
319-85-7	beta-BHC	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
319-86-8	delta-BHC	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
58-89-9	gamma-BHC (Lindane)	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
76-44-8	Heptachlor	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	0.21 J	1.8 U
309-00-2	Aldrin	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
1024-57-3	Heptachlor epoxide	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
959-98-8	Endosulfan I	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
60-57-1	Dieldrin	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
72-55-9	4,4'-DDE	ug/kg	5500 J	9600 J	2900	360	27	0.77 J	0.47 J	32 J	0.54 JN	1.8 U
72-20-8	Endrin	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
53494-70-5	Endrin ketone	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
7421-93-4	Endrin aldehyde	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	110 JN	3 JN	1.8 U
33213-65-9	Endosulfan II	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	140 JN	3.5 JN	1.8 U
72-54-8	4,4'-DDD	ug/kg	1300 JN	2200 JN	5700	1000	5.8 JN	1.8 U	1.9 U	39 U	1.9 U	1.8 U
1031-07-8	Endosulfan sulfate	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
50-29-3	4,4'-DDT	ug/kg	21000	36000	8300	1000	300	2.4	1.4 J	230 JN	4.7 JN	1.8 U
72-43-5	Methoxychlor	ug/kg	7100 U	8800 U	1800 U	220 U	39 U	3.6 U	3.6 U	75 U	3.7 U	3.6 U
5103-71-9	alpha-Chlordane	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
5103-74-2	gamma-Chlordane	ug/kg	3600 U	4600 U	910 U	110 U	20 U	1.8 U	1.9 U	39 U	1.9 U	1.8 U
8001-35-2	Toxaphene	ug/kg	140000 U	180000 U	36000 U	4400 U	800 U	72 U	73 U	1500 U	76 U	73 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	180 U	180 U	180 U	36 U	39 U	36 U	36 U	750 U	37 U	36 U
11104-28-2	Aroclor 1221	ug/kg	180 U	180 U	180 U	36 U	39 U	36 U	36 U	750 U	37 U	36 U
11141-16-5	Aroclor 1232	ug/kg	180 U	180 U	180 U	36 U	39 U	36 U	36 U	750 U	37 U	36 U
53469-21-9	Aroclor 1242	ug/kg	180 U	180 U	180 U	36 U	39 U	36 U	36 U	750 U	37 U	36 U
12672-29-6	Aroclor 1248	ug/kg	180 U	180 U	180 U	36 U	39 U	36 U	36 U	750 U	37 U	36 U
11097-69-1	Aroclor 1254	ug/kg	180 U	180 U	180 U	36 U	39 U	36 U	36 U	750 U	37 U	36 U
11096-82-5	Aroclor 1260	ug/kg	180 U	180 U	180 U	36 U	39 U	36 U	36 U	5300	120	36 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB01A C0G200280013 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	Dup of AOC3-SB01A AOC3-SB101A C0G200280014 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01D C0G200280015 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB01E C0G200280016 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02A C0G200280010 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02D C0G200280011 7' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB02G C0G200280012 13' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03A C0G200280007 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03B C0G200280008 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB03E C0G200280009 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	13800	13900	14000	14700	10600	11500	15300	12400	13100	13600
7440-36-0	Antimony	mg/kg	9.1 J	4.8 J	0.55 J	0.32 J	0.99 J	0.28 J	0.19 J	1.1 J	0.18 J	0.36 J
7440-38-2	Arsenic	mg/kg	12.4	11.5	8.7	10.2	6.8	6.6	9.7	9	5.5	8.5
7440-39-3	Barium	mg/kg	76.5	88.1	60.5	53.2	81.2	36	48.2	163	45.1	52.6
7440-41-7	Beryllium	mg/kg	0.8	0.78	0.77	0.81	0.64	0.6	0.82	0.68	0.79	0.76
7440-43-9	Cadmium	mg/kg	1.5	1.7	1.1	0.7	0.65	0.43 J	0.56	1.2	0.33 J	0.54
7440-70-2	Calcium	mg/kg	4510	6230	3030	2200	3040	1720	2730	29700	1120	1510
7440-47-3	Chromium	mg/kg	28.6	32	24	23.6	16.5	17.6	23.7	24.2	15.2	20
7440-48-4	Cobalt	mg/kg	22.1	22.4	22	23.9	12.7	15.7	21.3	13.7	12.3	19.2
7440-50-8	Copper	mg/kg	7480	5000	183	81.7	30.4	30.3	41.8	44.7	24.6	43
7439-89-6	Iron	mg/kg	51100	49900	42300	42500	23900	30200	41500	28500	30200	36900
7439-92-1	Lead	mg/kg	875	601	126	33.2	55.3	15.2	21.4	130	10.8	23.1
7439-95-4	Magnesium	mg/kg	8320	8720	7000	7390	3620	5590	7970	6340	3950	6140
7439-96-5	Manganese	mg/kg	884	923	913	837	983	622	722	662	853	944
7439-97-6	Mercury	mg/kg	1.3	0.98	0.32	0.13	0.044	0.049	0.056	0.053	0.036 J	0.038
7440-02-0	Nickel	mg/kg	73.1	64.9	48.8	49.9	20.9	32.4	46.8	27.9	24.8	35.9
7440-09-7	Potassium	mg/kg	1660 J	1660 J	1410 J	1490 J	944 J	1190 J	1660 J	1550 J	833 J	1390 J
7782-49-2	Selenium	mg/kg	0.22 U	0.27 J	0.22 U	0.23 U	0.31 J	0.23 U	0.23 U	0.37 J	0.24 U	0.23 U
7440-22-4	Silver	mg/kg	1.9	1.3	0.19 J	0.21 J	0.31 J	0.14 J	0.14 J	0.48 J	0.11 U	0.15 J
7440-23-5	Sodium	mg/kg	93.3 J	79.3 J	58.2 J	68.2 J	52.9 J	50.3 J	70.9 J	86 J	56.1 J	49.1 J
7440-28-0	Thallium	mg/kg	0.42 UJ	0.85 J	0.49 J	0.42 U	0.46 U	0.42 U	0.42 U	0.46 J	0.44 U	0.42 U
7440-62-2	Vanadium	mg/kg	22.9	25	22.5	23.6	22.2	19.3	24.6	26.1	23.9	22.4
7440-66-6	Zinc	mg/kg	542	573	219	147	95.9	81.6	111	203	73.5	112
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	93.4	93.4	93.3	91.5	83.6	92.7	91.9	87.7	88.2	92.4

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB04A C0G200280004 0.2' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB04B C0G200280005 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB04E C0G200280006 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB05A C0G190235007 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB05D C0G200280002 7' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB05G C0G200280003 13' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB06A C0G240112001 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB06H C0G240112002 14' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB06K C0G240112003 20' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB07A C0G240112004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	24 UJ	22 UJ	5 J	23 U	23 UJ	2.5 J	23 U	28 U	1400 UJ	23 U
71-43-2	Benzene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
75-27-4	Bromodichloromethane	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
75-25-2	Bromoform	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	710 U	R
78-93-3	2-Butanone	ug/kg	24 UJ	22 UJ	22 UJ	23 UJ	23 UJ	21 UJ	23 UJ	28 UJ	540 J	23 UJ
75-15-0	Carbon disulfide	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 UJ	6.9 UJ	360 UJ	5.7 UJ
56-23-5	Carbon tetrachloride	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
108-90-7	Chlorobenzene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	200 J	5.7 U
124-48-1	Dibromochloromethane	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
75-00-3	Chloroethane	ug/kg	12 UJ	11 UJ	11 UJ	R	12 UJ	11 UJ	11 UJ	14 UJ	710 UJ	11 UJ
67-66-3	Chloroform	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
74-87-3	Chloromethane	ug/kg	12 U	11 U	11 U	11 U	12 U	11 U	11 U	14 U	710 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
107-06-2	1,2-Dichloroethane	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	330 J	5.7 U
75-35-4	1,1-Dichloroethene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	550	5.7 U
78-87-5	1,2-Dichloropropane	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
100-41-4	Ethylbenzene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	810	5.7 U
591-78-6	2-Hexanone	ug/kg	24 U	22 U	22 U	23 UJ	23 U	21 U	23 UJ	28 UJ	1400 UJ	23 UJ
75-09-2	Methylene chloride	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
108-10-1	4-Methyl-2-pentanone	ug/kg	24 U	22 U	22 U	23 U	23 U	21 U	23 U	28 U	1400 U	23 U
100-42-5	Styrene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
127-18-4	Tetrachloroethene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
108-88-3	Toluene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	270 J	5.7 U
71-55-6	1,1,1-Trichloroethane	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
79-00-5	1,1,2-Trichloroethane	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	360 U	5.7 U
79-01-6	Trichloroethene	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	250 J	5.7 U
75-01-4	Vinyl chloride	ug/kg	12 U	11 U	11 U	11 U	12 U	11 U	11 U	14 U	260 J	11 U
1330-20-7	Xylenes (total)	ug/kg	6 U	5.6 U	5.5 U	5.6 U	5.8 U	5.4 U	5.7 U	6.9 U	3800	5.7 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB04A C0G200280004 0.2' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB04B C0G200280005 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB04E C0G200280006 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB05A C0G190235007 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB05D C0G200280002 7' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB05G C0G200280003 13' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB06A C0G240112001 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB06H C0G240112002 14' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB06K C0G240112003 20' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB07A C0G240112004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	25 J	370 U	360 U	370 U	380 U	350 U	380 U	11000	2000 J	380 U
208-96-8	Acenaphthylene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	310 J	9400 U	380 U
120-12-7	Anthracene	ug/kg	39 J	370 U	360 U	370 U	380 U	350 U	12 J	15000	1200 J	380 U
56-55-3	Benzo(a)anthracene	ug/kg	150 J	370 U	360 U	23 J	180 J	350 U	62 J	25000	1000 J	7.5 J
50-32-8	Benzo(a)pyrene	ug/kg	150 J	370 U	360 U	23 J	160 J	350 U	63 J	19000	590 J	6.9 J
205-99-2	Benzo(b)fluoranthene	ug/kg	140 J	370 U	360 U	19 J	230 J	350 U	59 J	16000	540 J	9.5 J
207-08-9	Benzo(k)fluoranthene	ug/kg	160 J	370 U	360 U	26 J	200 J	350 U	83 J	19000	660 J	380 UJ
191-24-2	Benzo(ghi)perylene	ug/kg	92 J	370 U	360 U	17 J	120 J	350 U	66 J	15000	240 J	380 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	390 U	210 J	140 J	370 U	240 J	240 J	380 U	300 J	960 J	380 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
85-68-7	Butyl benzyl phthalate	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
86-74-8	Carbazole	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	7700	450 J	380 U
106-47-8	4-Chloroaniline	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
91-58-7	2-Chloronaphthalene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
95-57-8	2-Chlorophenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
218-01-9	Chrysene	ug/kg	180 J	370 U	360 U	27 J	260 J	350 U	88 J	27000	1300 J	11 J
53-70-3	Dibenz(a,h)anthracene	ug/kg	28 J	370 U	360 U	370 U	42 J	350 U	17 J	3400	9400 U	380 U
132-64-9	Dibenzofuran	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	6700	1200 J	380 U
95-50-1	1,2-Dichlorobenzene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	2500 J	380 U
541-73-1	1,3-Dichlorobenzene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
106-46-7	1,4-Dichlorobenzene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
84-66-2	Diethyl phthalate	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
105-67-9	2,4-Dimethylphenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
131-11-3	Dimethyl phthalate	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
84-74-2	Di-n-butyl phthalate	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	360 J	380 U
117-84-0	Di-n-octyl phthalate	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	350 J	380 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB04A C0G200280004 0.2' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB04B C0G200280005 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB04E C0G200280006 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB05A C0G190235007 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB05D C0G200280002 7' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB05G C0G200280003 13' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB06A C0G240112001 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB06H C0G240112002 14' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB06K C0G240112003 20' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB07A C0G240112004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
606-20-2	2,6-Dinitrotoluene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
206-44-0	Fluoranthene	ug/kg	320 J	370 U	360 U	44 J	230 J	350 U	110 J	69000	3600 J	18 J
86-73-7	Fluorene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	11000	2600 J	380 U
118-74-1	Hexachlorobenzene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
87-68-3	Hexachlorobutadiene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
67-72-1	Hexachloroethane	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	100 J	370 U	360 U	17 J	120 J	350 U	59 J	15000	230 J	380 U
78-59-1	Isophorone	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
91-57-6	2-Methylnaphthalene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	4400	18000	380 U
95-48-7	2-Methylphenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	3200 J	380 U
106-44-5	4-Methylphenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	2800 J	380 U
91-20-3	Naphthalene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	15000	11000	380 U
88-74-4	2-Nitroaniline	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
98-95-3	Nitrobenzene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
88-75-5	2-Nitrophenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
100-02-7	4-Nitrophenol	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
87-86-5	Pentachlorophenol	ug/kg	1900 U	1800 U	1700 U	1800 U	1900 U	1700 U	1800 U	11000 U	46000 U	1800 U
85-01-8	Phenanthrene	ug/kg	180 J	370 U	360 U	22 J	84 J	350 U	71 J	73000	7400 J	380 U
108-95-2	Phenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	580 J	380 U
129-00-0	Pyrene	ug/kg	250 J	370 U	360 U	35 J	140 J	350 U	120 J	62000	2200 J	15 J
120-82-1	1,2,4-Trichlorobenzene	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	390 U	370 U	360 U	370 U	380 U	350 U	380 U	2300 U	9400 U	380 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB04A C0G200280004 0.2' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB04B C0G200280005 3' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB04E C0G200280006 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB05A C0G190235007 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB05D C0G200280002 7' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB05G C0G200280003 13' STL Pittsburgh SADVA5 SOIL 7/18/2000 10/12/2000	AOC3-SB06A C0G240112001 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB06H C0G240112002 14' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB06K C0G240112003 20' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB07A C0G240112004 0.2' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
319-85-7	beta-BHC	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
319-86-8	delta-BHC	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
58-89-9	gamma-BHC (Lindane)	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
76-44-8	Heptachlor	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
309-00-2	Aldrin	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
1024-57-3	Heptachlor epoxide	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
959-98-8	Endosulfan I	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
60-57-1	Dieldrin	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
72-55-9	4,4'-DDE	ug/kg	73	1.8 J	1.9 U	5.5	1.8 J	1.8 U	12	17	26 JN	3.6
72-20-8	Endrin	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	2.2 JN	13 J	2 U
53494-70-5	Endrin ketone	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
7421-93-4	Endrin aldehyde	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
33213-65-9	Endosulfan II	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
72-54-8	4,4'-DDD	ug/kg	4.7 JN	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	16 JN	99 J	2 U
1031-07-8	Endosulfan sulfate	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
50-29-3	4,4'-DDT	ug/kg	250	2.4 J	1.9 U	20	2.2	1.8 U	11	80	22 JN	3.1
72-43-5	Methoxychlor	ug/kg	39 U	3.7 U	3.6 U	3.7 U	3.8 U	3.5 U	3.8 U	23 U	47 U	3.8 U
5103-71-9	alpha-Chlordane	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	24 U	2 U
5103-74-2	gamma-Chlordane	ug/kg	20 U	1.9 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U	12 U	3.8 JN	2 U
8001-35-2	Toxaphene	ug/kg	800 U	74 U	73 U	76 U	78 U	72 U	77 U	460 U	950 U	77 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	39 U	37 U	36 U	37 U	38 U	35 U	38 U	46 U	47 U	38 U
11104-28-2	Aroclor 1221	ug/kg	39 U	37 U	36 U	37 U	38 U	35 U	38 U	46 U	47 U	38 U
11141-16-5	Aroclor 1232	ug/kg	39 U	37 U	36 U	37 U	38 U	35 U	38 U	46 U	47 U	38 U
53469-21-9	Aroclor 1242	ug/kg	39 U	37 U	36 U	37 U	38 U	35 U	38 U	46 U	47 U	38 U
12672-29-6	Aroclor 1248	ug/kg	39 U	37 U	36 U	37 U	38 U	35 U	38 U	46 U	530	38 U
11097-69-1	Aroclor 1254	ug/kg	39 U	37 U	36 U	37 U	38 U	35 U	38 U	46 U	460	38 U
11096-82-5	Aroclor 1260	ug/kg	39 U	37 U	36 U	37 U	38 U	35 U	38 U	57	430	38 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	10000	17300	14500	16300	7820	14300	14900	13300	11800	12900
7440-36-0	Antimony	mg/kg	0.82 J	0.27 J	0.24 J	0.16 UJ	1 J	0.16 UJ	1 J	3.9 J	33.9 J	0.49 J
7440-38-2	Arsenic	mg/kg	8	8.2	8.5	6.8	23.3	8.6	6.9	12.7	19.3	5.2
7440-39-3	Barium	mg/kg	81.2	43.6	41.6	48.7	91.6	51.4	93.9	242	1420	83.7
7440-41-7	Beryllium	mg/kg	0.64	0.84	0.75	0.76	0.46 J	0.77	0.78	0.74	0.78	0.64
7440-43-9	Cadmium	mg/kg	0.59 J	0.42 J	0.42 J	0.37 J	0.44 J	0.5 J	0.68	3.2	17.1	0.49 J
7440-70-2	Calcium	mg/kg	3780	842	1390	1550	5480	3680	3820	8610	17400	1300
7440-47-3	Chromium	mg/kg	16.9	22.3	20.4	20.3	20.9	21.2	22.9 J	94.1 J	279 J	18 J
7440-48-4	Cobalt	mg/kg	11.5	19.3	18.3	15.4	15.5	21.1	23.2 J	29.4 J	25.5 J	11.9 J
7440-50-8	Copper	mg/kg	34.4	36.5	39.8	31.9	61	40.9	47.3	11300	573	21.8
7439-89-6	Iron	mg/kg	25500	39000	37000	33200	63600	37900	30900 J	91200 J	86300 J	28700 J
7439-92-1	Lead	mg/kg	63.4	17.3	16.4	18.9 J	128	18.3	79.3	1480	3310	21.4
7439-95-4	Magnesium	mg/kg	3460	7060	6680	6020	3090	7250	5170	5950	4800	3530
7439-96-5	Manganese	mg/kg	864	713	682	602	601	896	1130	1030	1030	884
7439-97-6	Mercury	mg/kg	0.062	0.072	0.081	0.075	0.046	0.045	0.054	0.17	0.25	0.031
7440-02-0	Nickel	mg/kg	19.8	36.3	36.3	32.1	22.5	44.5	28.8 J	49.6 J	55.6 J	20.4 J
7440-09-7	Potassium	mg/kg	791 J	1410 J	1560 J	1140	1020 J	1660 J	1320	1420	2340	838
7782-49-2	Selenium	mg/kg	0.62	0.23 U	0.23 U	0.24 U	0.61 J	0.22 U	0.24 U	0.58 U	1.1 J	0.24 U
7440-22-4	Silver	mg/kg	0.24 J	0.1 U	0.13 J	0.11 U	0.33 J	0.16 J	0.32 J	142	4.7	0.28 J
7440-23-5	Sodium	mg/kg	50.2 J	47 J	52.4 J	64 J	457 J	61.1 J	58.5 J	191 J	707 J	43.2 J
7440-28-0	Thallium	mg/kg	0.46 U	0.45 J	0.42 U	0.44 U	0.9 U	0.56 J	0.44 U	1.1 U	1.1 U	0.45 U
7440-62-2	Vanadium	mg/kg	21.7	25.4	23.8	25.4	17.6	22.4	27.2	49.1	59.5	23.1
7440-66-6	Zinc	mg/kg	102	103	101	85.5	145	110	133	503	2490	85.7
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	83.6	90	91.7	88.6	86.1	93.1	87.5	72.5	70.2	87

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB07D C0G240112005 7' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB08A C0G190235001 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB08F C0G190235002 11' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB08I C0G190235003 17' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB09A C0G210254001 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB09E C0G210254002 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB09F C0G210254003 11' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB10A C0G190235004 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB10D C0G190235005 7' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB10J C0G190235006 19' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	22 U	26 U	21 U	51	26 UJ	8.4 J	23 UJ	23 U	22 U	22 U
71-43-2	Benzene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
75-27-4	Bromodichloromethane	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
75-25-2	Bromoform	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	22 UJ	26 UJ	21 UJ	22 UJ	26 UJ	22 UJ	23 UJ	23 UJ	22 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	5.6 UJ	6.5 U	5.3 U	5.4 U	6.4 UJ	5.5 UJ	5.7 UJ	5.8 U	5.4 U	5.6 U
56-23-5	Carbon tetrachloride	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
108-90-7	Chlorobenzene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
124-48-1	Dibromochloromethane	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
75-00-3	Chloroethane	ug/kg	11 UJ	R	R	R	13 U	11 U	11 U	R	R	R
67-66-3	Chloroform	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
74-87-3	Chloromethane	ug/kg	11 U	13 U	11 U	11 U	13 UJ	11 UJ	11 UJ	12 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
107-06-2	1,2-Dichloroethane	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
75-35-4	1,1-Dichloroethene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
78-87-5	1,2-Dichloropropane	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
100-41-4	Ethylbenzene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
591-78-6	2-Hexanone	ug/kg	22 UJ	26 U	21 UJ	22 U	26 U	22 U	23 U	23 U	22 U	22 U
75-09-2	Methylene chloride	ug/kg	5.6 U	7.9	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	22 U	26 UJ	21 U	22 UJ	26 U	22 U	23 U	23 UJ	22 UJ	22 UJ
100-42-5	Styrene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
127-18-4	Tetrachloroethene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
108-88-3	Toluene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
79-01-6	Trichloroethene	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U
75-01-4	Vinyl chloride	ug/kg	11 U	13 U	11 U	11 U	13 U	11 U	11 U	12 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.6 U	6.5 U	5.3 U	5.4 U	6.4 U	5.5 U	5.7 U	5.8 U	5.4 U	5.6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB07D C0G240112005 7' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB08A C0G190235001 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB08F C0G190235002 11' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB08I C0G190235003 17' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB09A C0G210254001 0.2' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB09E C0G210254002 9' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB09F C0G210254003 11' STL Pittsburgh SADVA5 SOIL 7/19/2000 10/12/2000	AOC3-SB10A C0G190235004 0.2' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB10D C0G190235005 7' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000	AOC3-SB10J C0G190235006 19' STL Pittsburgh SADVA1 SOIL 7/18/2000 10/4/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
208-96-8	Acenaphthylene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
120-12-7	Anthracene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
56-55-3	Benzo(a)anthracene	ug/kg	370 U	45 J	350 U	360 U	85 J	370 U	380 U	31 J	360 U	370 U
50-32-8	Benzo(a)pyrene	ug/kg	370 U	54 J	350 U	360 U	91 J	370 U	380 U	32 J	360 U	370 U
205-99-2	Benzo(b)fluoranthene	ug/kg	370 U	49 J	350 U	360 U	130 J	370 U	380 U	26 J	360 U	370 U
207-08-9	Benzo(k)fluoranthene	ug/kg	370 UJ	56 J	350 U	360 U	88 J	370 U	380 U	37 J	360 U	370 U
191-24-2	Benzo(ghi)perylene	ug/kg	370 U	47 J	350 U	360 U	29 J	370 U	380 U	20 J	360 U	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	62 J	60 J	90 J	110 J	430 U	100 J	72 J	380 U	71 J	180 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
86-74-8	Carbazole	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
106-47-8	4-Chloroaniline	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
95-57-8	2-Chlorophenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
218-01-9	Chrysene	ug/kg	370 U	67 J	350 U	360 U	120 J	370 U	380 U	37 J	360 U	370 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	370 U	12 J	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
132-64-9	Dibenzofuran	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
84-66-2	Diethyl phthalate	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U

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CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
206-44-0	Fluoranthene	ug/kg	370 U	97 J	350 U	360 U	200 J	370 U	380 U	58 J	360 U	370 U
86-73-7	Fluorene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
118-74-1	Hexachlorobenzene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
67-72-1	Hexachloroethane	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	370 U	46 J	350 U	360 U	29 J	370 U	380 U	22 J	360 U	370 U
78-59-1	Isophorone	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
95-48-7	2-Methylphenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
106-44-5	4-Methylphenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
91-20-3	Naphthalene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
98-95-3	Nitrobenzene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
88-75-5	2-Nitrophenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	2100 U	1700 U	1700 U	2100 U	1800 U	1800 U	1900 U	1700 U	1800 U
85-01-8	Phenanthrene	ug/kg	370 U	52 J	350 U	360 U	92 J	370 U	380 U	26 J	360 U	370 U
108-95-2	Phenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
129-00-0	Pyrene	ug/kg	370 U	89 J	350 U	360 U	120 J	370 U	380 U	47 J	360 U	370 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	370 U	430 U	350 U	360 U	430 U	370 U	380 U	380 U	360 U	370 U

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CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
319-85-7	beta-BHC	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
76-44-8	Heptachlor	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	0.46 JN	1.9 U	1.9 U	2 U	1.8 U	1.9 U
309-00-2	Aldrin	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
959-98-8	Endosulfan I	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
60-57-1	Dieldrin	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	1.9 U	2.6	1.8 U	1.8 U	2.6	1.9 U	1.9 U	4.3	0.52 JN	1.9 U
72-20-8	Endrin	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	1.9 U	3	1.8 U	1.8 U	3.6	1.9 U	1.9 U	4.3	0.63 J	1.9 U
72-43-5	Methoxychlor	ug/kg	3.7 U	4.3 U	3.5 U	3.6 U	4.3 U	3.7 U	3.8 U	3.8 U	3.6 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	2.2 U	1.8 U	1.8 U	2.2 U	1.9 U	1.9 U	2 U	1.8 U	1.9 U
8001-35-2	Toxaphene	ug/kg	74 U	87 U	71 U	73 U	86 U	74 U	77 U	78 U	73 U	75 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	37 U	43 U	35 U	36 U	43 U	37 U	38 U	38 U	36 U	37 U
11104-28-2	Aroclor 1221	ug/kg	37 U	43 U	35 U	36 U	43 U	37 U	38 U	38 U	36 U	37 U
11141-16-5	Aroclor 1232	ug/kg	37 U	43 U	35 U	36 U	43 U	37 U	38 U	38 U	36 U	37 U
53469-21-9	Aroclor 1242	ug/kg	37 U	43 U	35 U	36 U	43 U	37 U	38 U	38 U	36 U	37 U
12672-29-6	Aroclor 1248	ug/kg	37 U	43 U	35 U	36 U	43 U	37 U	38 U	38 U	36 U	37 U
11097-69-1	Aroclor 1254	ug/kg	37 U	43 U	35 U	36 U	43 U	37 U	38 U	38 U	36 U	37 U
11096-82-5	Aroclor 1260	ug/kg	37 U	43 U	35 U	36 U	43 U	37 U	38 U	38 U	36 U	37 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	14100	12400	11800	10300	11600	14200	14400	12800	16400	14500
7440-36-0	Antimony	mg/kg	0.41 J	0.55 J	0.15 UJ	0.25 J	0.86 J	0.16 UJ	0.18 J	0.22 J	0.26 J	0.16 UJ
7440-38-2	Arsenic	mg/kg	8.6	6.7	6.6	5.5	7.5	8.7	8.6	6.9	9	7.3
7440-39-3	Barium	mg/kg	52.7	83.9	41.2	36.7	83.7	56.3	50.4	50.3	54.6	47.7
7440-41-7	Beryllium	mg/kg	0.76	0.67	0.65	0.54 J	0.65	0.77	0.74	0.68	0.89	0.71
7440-43-9	Cadmium	mg/kg	0.6	0.56 J	0.39 J	0.32 J	0.75	0.58	0.58	0.41 J	0.43 J	0.45 J
7440-70-2	Calcium	mg/kg	1890	3010	4970	2010	3100	2800	2160	1320	1740	2210
7440-47-3	Chromium	mg/kg	21.9 J	18.8	18.2	14.8	45.2	21.7	22.3	18.2	23.8	21.6
7440-48-4	Cobalt	mg/kg	18.8 J	12.9	19	17.1	13.3	20.5	19.4	13.6	21.1	17.5
7440-50-8	Copper	mg/kg	40.1	27.7	32.7	32.9	23.5	38.8	38.7	29.9	42.5	37.1
7439-89-6	Iron	mg/kg	36900 J	29900	32800	28600	33200	39300	39000	30000	42400	38400
7439-92-1	Lead	mg/kg	17.2	39.5 J	16.3 J	12.7 J	41.7	18.7	17	29.1 J	20.6 J	14.3 J
7439-95-4	Magnesium	mg/kg	6540	4180	6390	5390	4130	7050	6920	5150	7780	7100
7439-96-5	Manganese	mg/kg	765	975	787	596	820	926	812	585	725	805
7439-97-6	Mercury	mg/kg	0.048	0.052	0.059	0.047	0.049	0.054	0.054	0.051	0.05	0.048
7440-02-0	Nickel	mg/kg	37.4 J	24.1	42.5	36	23.2	44.2	41.1	26.2	46.7	37
7440-09-7	Potassium	mg/kg	1600	1170	1140	889	1260	1290	1250	938	1660	1290
7782-49-2	Selenium	mg/kg	0.23 U	0.29 J	0.22 U	0.23 U	0.31 J	0.23 U	0.24 U	0.24 U	0.23 U	0.24 U
7440-22-4	Silver	mg/kg	0.22 J	0.26 J	0.16 J	0.1 U	0.23 J	0.21 J	0.17 J	0.2 J	0.15 J	0.18 J
7440-23-5	Sodium	mg/kg	53.6 J	131 J	73.4 J	98.9 J	49.8 J	52.2 J	61 J	118 J	71.7 J	100 J
7440-28-0	Thallium	mg/kg	0.46 J	0.5 U	0.41 U	0.42 U	0.5 U	0.61 J	0.74 J	0.45 U	0.47 J	0.44 U
7440-62-2	Vanadium	mg/kg	23.2	25.3	17.3	16.2	22.9	23.7	23.4	20.9	24	22.6
7440-66-6	Zinc	mg/kg	107	158	99.1	78.2	183	96	105	87.9	110	117
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	90.1	77.3	93.9	92.1	77.5	90.2	87.3	86.4	92.3	89.1

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB11A C0G210254004 0.2' STL Pittsburgh SADVA5 SOIL 7/20/2000 10/12/2000	AOC3-SB11B C0G210254005 3' STL Pittsburgh SADVA5 SOIL 7/20/2000 10/12/2000	AOC3-SB11E C0G210257001 9' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB14G C0H040186001 13' STL Pittsburgh SADVA10 SOIL 8/3/2000 10/25/2000	AOC3-SB14L C0H040186002 23' STL Pittsburgh SADVA10 SOIL 8/3/2000 10/25/2000	AOC3-SB17C C0I270130004 5' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB17F C0I270130005 11' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB17G C0I270130006 13' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB18A C0I260208007 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB18C C0I260208008 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	23 UJ	22 UJ	74 J	120 UJ	12000 U	22 UJ	22 UJ	22 UJ	23 UJ	22 UJ
71-43-2	Benzene	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
75-27-4	Bromodichloromethane	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
75-25-2	Bromoform	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	5800 U	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	23 UJ	22 UJ	22 UJ	120 UJ	12000 UJ	22 UJ	22 UJ	22 UJ	23 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	5.7 UJ	5.5 UJ	5.5 UJ	10 J	2900 UJ	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
56-23-5	Carbon tetrachloride	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
108-90-7	Chlorobenzene	ug/kg	5.7 U	5.5 U	5.5 U	550	5100	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
124-48-1	Dibromochloromethane	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
75-00-3	Chloroethane	ug/kg	11 U	11 U	11 U	59 U	5800 UJ	11 U	11 U	11 U	11 U	11 U
67-66-3	Chloroform	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
74-87-3	Chloromethane	ug/kg	11 UJ	11 UJ	11 UJ	59 U	5800 U	11 U	11 U	11 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
107-06-2	1,2-Dichloroethane	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
75-35-4	1,1-Dichloroethene	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.7 U	5.5 U	5.5 U	14 J	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
78-87-5	1,2-Dichloropropane	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
100-41-4	Ethylbenzene	ug/kg	5.7 U	5.5 U	5.5 U	380	4800	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
591-78-6	2-Hexanone	ug/kg	23 U	22 U	22 U	120 UJ	12000 UJ	22 UJ	22 U	22 U	23 U	22 U
75-09-2	Methylene chloride	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 UJ	5.4 UJ	5.7 UJ	5.5 UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	23 U	22 U	22 U	R	R	22 UJ	22 UJ	22 UJ	23 UJ	22 UJ
100-42-5	Styrene	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
127-18-4	Tetrachloroethene	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
108-88-3	Toluene	ug/kg	5.7 U	5.5 U	5.5 U	15 J	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
79-01-6	Trichloroethene	ug/kg	5.7 U	5.5 U	5.5 U	29 U	2900 U	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U
75-01-4	Vinyl chloride	ug/kg	11 U	11 U	11 U	59 U	5800 U	11 U	11 U	11 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.7 U	5.5 U	5.5 U	1400	16000	5.6 U	5.6 U	5.4 U	5.7 U	5.5 U

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CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	380 U	360 U	360 U	320 J	440 J	370 U	370 U	360 U	370 U	360 U
208-96-8	Acenaphthylene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
120-12-7	Anthracene	ug/kg	380 U	360 U	360 U	110 J	1900 U	41 J	370 U	360 U	21 J	360 U
56-55-3	Benzo(a)anthracene	ug/kg	380 U	360 U	360 U	80 J	1900 U	110 J	370 U	360 U	260 J	19 J
50-32-8	Benzo(a)pyrene	ug/kg	380 U	360 U	360 U	62 J	1900 U	110 J	370 U	360 U	260 J	360 U
205-99-2	Benzo(b)fluoranthene	ug/kg	380 U	360 U	360 U	55 J	1900 U	120 J	19 J	360 U	280 J	24 J
207-08-9	Benzo(k)fluoranthene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	150 J	21 J	360 U	290 J	360 U
191-24-2	Benzo(ghi)perylene	ug/kg	380 U	360 U	360 U	37 J	1900 U	33 J	370 U	360 U	76 J	360 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	22 J	33 J	44 J	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
85-68-7	Butyl benzyl phthalate	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
86-74-8	Carbazole	ug/kg	380 U	360 U	360 U	75 J	1900 U	370 U	370 U	360 U	370 U	360 U
106-47-8	4-Chloroaniline	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
91-58-7	2-Chloronaphthalene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
95-57-8	2-Chlorophenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
218-01-9	Chrysene	ug/kg	380 U	360 U	360 U	140 J	1900 U	140 J	20 J	360 U	270 J	21 J
53-70-3	Dibenz(a,h)anthracene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
132-64-9	Dibenzofuran	ug/kg	380 U	360 U	360 U	270 J	380 J	370 U	370 U	360 U	370 U	360 U
95-50-1	1,2-Dichlorobenzene	ug/kg	380 U	360 U	360 U	960 J	300 J	370 U	370 U	360 U	370 U	360 U
541-73-1	1,3-Dichlorobenzene	ug/kg	380 U	360 U	360 U	1900 U	170 J	370 U	370 U	360 U	370 U	360 U
106-46-7	1,4-Dichlorobenzene	ug/kg	380 U	360 U	360 U	320 J	1200 J	370 U	370 U	360 U	370 U	360 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1800 U	1700 U	9400 U	9200 U	1800 U	1800 U	1700 U	1800 U	1700 U
120-83-2	2,4-Dichlorophenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
84-66-2	Diethyl phthalate	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
105-67-9	2,4-Dimethylphenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
131-11-3	Dimethyl phthalate	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
84-74-2	Di-n-butyl phthalate	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
117-84-0	Di-n-octyl phthalate	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U

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CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1800 U	1800 U	1700 U	9400 U	9200 U	1800 U	1800 U	1700 U	1800 U	1700 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	1800 U	1700 U	9400 U	9200 U	1800 U	1800 U	1700 U	1800 U	1700 U
121-14-2	2,4-Dinitrotoluene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
606-20-2	2,6-Dinitrotoluene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
206-44-0	Fluoranthene	ug/kg	39 J	360 U	360 U	170 J	1900 U	260 J	40 J	360 U	370	40 J
86-73-7	Fluorene	ug/kg	380 U	360 U	360 U	480 J	810 J	370 U	370 U	360 U	370 U	360 U
118-74-1	Hexachlorobenzene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
87-68-3	Hexachlorobutadiene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1800 U	1700 U	9400 U	9200 U	1800 UJ	1800 UJ	1700 UJ	1800 UJ	1700 UJ
67-72-1	Hexachloroethane	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	37 J	370 U	360 U	81 J	360 U
78-59-1	Isophorone	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
91-57-6	2-Methylnaphthalene	ug/kg	380 U	360 U	360 U	2600	9000	370 U	370 U	360 U	370 U	360 U
95-48-7	2-Methylphenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
106-44-5	4-Methylphenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
91-20-3	Naphthalene	ug/kg	380 U	360 U	360 U	500 J	1000 J	370 U	370 U	360 U	370 U	360 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	1800 U	1700 U	9400 U	9200 U	1800 U	1800 U	1700 U	1800 U	1700 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1800 U	1700 U	9400 U	9200 U	1800 U	1800 U	1700 U	1800 U	1700 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1800 U	1700 U	9400 U	9200 U	1800 U	1800 U	1700 U	1800 U	1700 U
98-95-3	Nitrobenzene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
88-75-5	2-Nitrophenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1800 U	1700 U	69 J	9200 U	1800 U	1800 U	1700 U	1800 U	1700 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1800 U	1700 U	9400 U	9200 U	1800 U	1800 U	1700 U	1800 U	1700 U
85-01-8	Phenanthrene	ug/kg	380 U	360 U	360 U	1200 J	2000	100 J	370 U	360 U	88 J	22 J
108-95-2	Phenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	24 J	370 U	360 U
129-00-0	Pyrene	ug/kg	380 U	360 U	360 U	190 J	130 J	140 J	21 J	360 U	230 J	26 J
120-82-1	1,2,4-Trichlorobenzene	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	380 U	360 U	360 U	1900 U	1900 U	370 U	370 U	360 U	370 U	360 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB11A C0G210254004 0.2' STL Pittsburgh SADVA5 SOIL 7/20/2000 10/12/2000	AOC3-SB11B C0G210254005 3' STL Pittsburgh SADVA5 SOIL 7/20/2000 10/12/2000	AOC3-SB11E C0G210257001 9' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB14G C0H040186001 13' STL Pittsburgh SADVA10 SOIL 8/3/2000 10/25/2000	AOC3-SB14L C0H040186002 23' STL Pittsburgh SADVA10 SOIL 8/3/2000 10/25/2000	AOC3-SB17C C0I270130004 5' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB17F C0I270130005 11' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB17G C0I270130006 13' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB18A C0I260208007 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB18C C0I260208008 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	1.9 U	1.9 U	1.9 U	10 UJ	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
319-85-7	beta-BHC	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
76-44-8	Heptachlor	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
309-00-2	Aldrin	ug/kg	1.9 U	1.9 U	1.9 U	2.8 JN	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
959-98-8	Endosulfan I	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
60-57-1	Dieldrin	ug/kg	1.9 U	1.9 U	1.9 U	180	51	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	1.4 J	1.9 U	1.9 U	6.4 JN	14	18	3.3	3.5	36	2.9
72-20-8	Endrin	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	1.9 U	1.9 U	35	64	2.7 JN	2.4 JN	1.1 JN	1.4 JN	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	1.9 U	1.9 U	11 JN	5.2 JN	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	2.5 J	1.9 U	1.9 U	5.2 JN	9.8 U	80	30	12	27	1.8 J
72-43-5	Methoxychlor	ug/kg	3.8 U	3.6 U	3.6 U	19 U	19 U	18 U	3.7 U	3.6 U	3.7 U	3.6 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	1.9 U	1.9 U	10 U	9.8 U	9.5 U	1.9 U	1.8 U	1.9 U	1.9 U
8001-35-2	Toxaphene	ug/kg	77 U	74 U	73 U	400 U	390 U	380 U	75 U	73 U	76 U	73 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	38 U	36 U	36 U	39 U	38 U	37 U	37 U	36 U	37 U	36 U
11104-28-2	Aroclor 1221	ug/kg	38 U	36 U	36 U	39 U	38 U	37 U	37 U	36 U	37 U	36 U
11141-16-5	Aroclor 1232	ug/kg	38 U	36 U	36 U	39 U	38 U	37 U	37 U	36 U	37 U	36 U
53469-21-9	Aroclor 1242	ug/kg	38 U	36 U	36 U	39 U	470	37 U	37 U	36 U	37 U	36 U
12672-29-6	Aroclor 1248	ug/kg	38 U	36 U	36 U	39 U	38 U	37 U	37 U	36 U	37 U	36 U
11097-69-1	Aroclor 1254	ug/kg	38 U	36 U	36 U	39 U	38 U	37 U	37 U	36 U	37 U	36 U
11096-82-5	Aroclor 1260	ug/kg	38 U	36 U	36 U	250	390	37 U	37 U	36 U	37 U	36 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB11A C0G210254004 0.2' STL Pittsburgh SADVA5 SOIL 7/20/2000 10/12/2000	AOC3-SB11B C0G210254005 3' STL Pittsburgh SADVA5 SOIL 7/20/2000 10/12/2000	AOC3-SB11E C0G210257001 9' STL Pittsburgh SADVA6 SOIL 7/20/2000 10/13/2000	AOC3-SB14G C0H040186001 13' STL Pittsburgh SADVA10 SOIL 8/3/2000 10/25/2000	AOC3-SB14L C0H040186002 23' STL Pittsburgh SADVA10 SOIL 8/3/2000 10/25/2000	AOC3-SB17C C0I270130004 5' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB17F C0I270130005 11' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB17G C0I270130006 13' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB18A C0I260208007 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB18C C0I260208008 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	15900	17300	14600			12700	13600 U	15500	13700	16400
7440-36-0	Antimony	mg/kg	0.17 UJ	0.17 J	0.25 J			1.8 J	0.7 J	0.61 J	0.86 J	0.78 J
7440-38-2	Arsenic	mg/kg	6.9	8.5	9.8			5.2	7.6	7.6	7.6	8
7440-39-3	Barium	mg/kg	53.9	36.6	46.5			47.5	53.1	53.3	79.8	40.7
7440-41-7	Beryllium	mg/kg	0.74	0.89	0.8			0.57	0.77	0.78	0.69	0.8
7440-43-9	Cadmium	mg/kg	0.5 J	0.44 J	0.52 J			0.055 U	0.055 U	0.054 U	0.056 U	0.054 U
7440-70-2	Calcium	mg/kg	1640	865	1790			1370 J	4770 J	3080 J	4630 J	3120 J
7440-47-3	Chromium	mg/kg	19.7	21.4	22.6 J			16.7	18.6	20.9	21.7	23.8
7440-48-4	Cobalt	mg/kg	13.5	19.5	20.4 J			13.3	16.9	17.9	15	19.7
7440-50-8	Copper	mg/kg	25.1	37.6	40.8			32.5 J	36.6 J	45 J	32.9 J	47.1 J
7439-89-6	Iron	mg/kg	35800	38300	38300 J			27800	33500	37100	30900	36900
7439-92-1	Lead	mg/kg	16.5	16.3	22.1			17.9	18.7	14.5	35.5	18.8
7439-95-4	Magnesium	mg/kg	5360	7060	6950			5060 J	6080 J	7200 J	5490 J	7620 J
7439-96-5	Manganese	mg/kg	551	647	738			585	657	800	951	672
7439-97-6	Mercury	mg/kg	0.043	0.057	0.045			0.072	0.054	0.063	0.034 J	0.058
7440-02-0	Nickel	mg/kg	29.3	36	43.1 J			27	33.4	38	27.9	37.4
7440-09-7	Potassium	mg/kg	1030	1540	1700			1120	1360	1590	1420	1580
7782-49-2	Selenium	mg/kg	0.24 U	0.23 U	0.23 U			0.23 U	0.24 U	0.23 U	0.24 U	0.23 U
7440-22-4	Silver	mg/kg	0.13 J	0.1 U	0.15 J			0.12 J	0.12 J	0.14 J	0.22 J	0.15 J
7440-23-5	Sodium	mg/kg	55.4 J	46.1 J	54.9 J			43.8 J	44.5 J	61.8 J	45.5 J	47.4 J
7440-28-0	Thallium	mg/kg	0.73 J	0.72 J	0.42 U			0.69 J	0.44 U	0.85 J	0.44 U	0.44 J
7440-62-2	Vanadium	mg/kg	24.6	25.2	23.3			21.2	21.2	23.9	23	23.5
7440-66-6	Zinc	mg/kg	81	90.2	102			97.5 J	88.4 J	107 J	91.1 J	99.8 J
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	87.5	90.5	91.7	84.8	86.7	89.2	89	92.2	88	91.6

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB18E C0I260208009 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB19C C0I270130001 5' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB19E C0I270130002 9' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB19F C0I270130003 11' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB20A C0I260208004 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB20C C0I260208005 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB20E C0I260208006 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21A C0I260208001 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21C C0I260208002 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21E C0I260208003 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	22 UJ	23 UJ	22 UJ	22 UJ	21 UJ	22 UJ	22 UJ	23 UJ	22 UJ	23 UJ
71-43-2	Benzene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
75-27-4	Bromodichloromethane	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
75-25-2	Bromoform	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	22 UJ	23 UJ	22 UJ	22 UJ	21 UJ	22 UJ	22 UJ	23 UJ	22 UJ	23 UJ
75-15-0	Carbon disulfide	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
56-23-5	Carbon tetrachloride	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
108-90-7	Chlorobenzene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
124-48-1	Dibromochloromethane	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
75-00-3	Chloroethane	ug/kg	11 U	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U
67-66-3	Chloroform	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	4.6 J	2 J	5.7 U	5.6 U	5.7 U
74-87-3	Chloromethane	ug/kg	11 U	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
107-06-2	1,2-Dichloroethane	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
75-35-4	1,1-Dichloroethene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
78-87-5	1,2-Dichloropropane	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
100-41-4	Ethylbenzene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
591-78-6	2-Hexanone	ug/kg	22 U	23 UJ	22 UJ	22 UJ	21 U	22 U	22 U	23 U	22 U	23 U
75-09-2	Methylene chloride	ug/kg	5.4 UJ	5.7 U	5.5 U	5.5 U	5.2 UJ	5.6 UJ	5.5 UJ	5.7 UJ	5.6 UJ	5.7 UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	22 UJ	23 UJ	22 UJ	22 UJ	21 UJ	22 UJ	22 UJ	23 UJ	22 UJ	23 UJ
100-42-5	Styrene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
127-18-4	Tetrachloroethene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
108-88-3	Toluene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
79-01-6	Trichloroethene	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U
75-01-4	Vinyl chloride	ug/kg	11 U	11 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.4 U	5.7 U	5.5 U	5.5 U	5.2 U	5.6 U	5.5 U	5.7 U	5.6 U	5.7 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB18E C0I260208009 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB19C C0I270130001 5' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB19E C0I270130002 9' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB19F C0I270130003 11' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB20A C0I260208004 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB20C C0I260208005 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB20E C0I260208006 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21A C0I260208001 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21C C0I260208002 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21E C0I260208003 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	360 U	67 J	360 U	360 U	350 U	370 U	360 U	53 J	280 J	370 U
208-96-8	Acenaphthylene	ug/kg	360 U	31 J	360 U	360 U	350 U	370 U	360 U	380 U	37 J	370 U
120-12-7	Anthracene	ug/kg	360 U	150 J	360 U	360 U	350 U	370 U	360 U	100 J	300 J	370 U
56-55-3	Benzo(a)anthracene	ug/kg	360 U	630	36 J	39 J	44 J	370 U	360 U	300 J	980	25 J
50-32-8	Benzo(a)pyrene	ug/kg	360 U	630	32 J	36 J	46 J	370 U	360 U	290 J	980	23 J
205-99-2	Benzo(b)fluoranthene	ug/kg	360 U	700	45 J	49 J	57 J	370 U	360 U	340 J	1100	24 J
207-08-9	Benzo(k)fluoranthene	ug/kg	360 U	630	30 J	35 J	49 J	370 U	360 U	290 J	920	25 J
191-24-2	Benzo(ghi)perylene	ug/kg	360 U	200 J	360 U	360 U	350 U	370 U	360 U	90 J	340 J	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	2600	620
101-55-3	4-Bromophenyl phenyl ether	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
86-74-8	Carbazole	ug/kg	360 U	88 J	360 U	360 U	350 U	370 U	360 U	71 J	220 J	370 U
106-47-8	4-Chloroaniline	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
95-57-8	2-Chlorophenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
218-01-9	Chrysene	ug/kg	360 U	730	41 J	46 J	56 J	370 U	360 U	350 J	1100	27 J
53-70-3	Dibenz(a,h)anthracene	ug/kg	360 U	67 J	360 U	360 U	350 U	370 U	360 U	30 J	110 J	370 U
132-64-9	Dibenzofuran	ug/kg	360 U	29 J	360 U	360 U	350 U	370 U	360 U	26 J	86 J	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1700 U	1800 U	1800 U	1800 U	1700 U	1800 U	1700 U	1800 U	1800 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
84-66-2	Diethyl phthalate	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	27 J	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB18E C0I260208009 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB19C C0I270130001 5' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB19E C0I270130002 9' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB19F C0I270130003 11' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB20A C0I260208004 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB20C C0I260208005 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB20E C0I260208006 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21A C0I260208001 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21C C0I260208002 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21E C0I260208003 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1700 U	1800 U	1800 U	1800 U	1700 U	1800 U	1700 U	1800 U	1800 U	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700 U	1800 U	1800 U	1800 U	1700 U	1800 U	1700 U	1800 U	1800 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
206-44-0	Fluoranthene	ug/kg	360 U	1400 U	95 J	110 J	99 J	27 J	360 U	770	2600	64 J
86-73-7	Fluorene	ug/kg	360 U	56 J	360 U	360 U	350 U	370 U	360 U	45 J	150 J	370 U
118-74-1	Hexachlorobenzene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1700 UJ	1800 UJ	1800 UJ	1800 UJ	1700 UJ	1800 UJ	1700 UJ	1800 UJ	1800 UJ	1800 UJ
67-72-1	Hexachloroethane	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	360 U	210 J	360 U	360 U	350 U	370 U	360 U	94 J	360 J	370 U
78-59-1	Isophorone	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
95-48-7	2-Methylphenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
106-44-5	4-Methylphenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	410	370 U	370 U
91-20-3	Naphthalene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	25 J	72 J	370 U
88-74-4	2-Nitroaniline	ug/kg	1700 U	1800 U	1800 U	1800 U	1700 U	1800 U	1700 U	1800 U	1800 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1700 U	1800 U	1800 U	1800 U	1700 U	1800 U	1700 U	1800 U	1800 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1700 U	1800 U	1800 U	1800 U	1700 U	1800 U	1700 U	1800 U	1800 U	1800 U
98-95-3	Nitrobenzene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
88-75-5	2-Nitrophenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1700 U	1800 U	1800 U	1800 U	1700 U	1800 U	1700 U	1800 U	1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1700 U	1800 U	1800 U	1800 U	1700 U	1800 U	1700 U	1800 U	1800 U	1800 U
85-01-8	Phenanthrene	ug/kg	360 U	680	37 J	49 J	44 J	370 U	360 U	480	1600	31 J
108-95-2	Phenol	ug/kg	360 U	380 U	29 J	360 U	350 U	370 U	360 U	89 J	370 U	370 U
129-00-0	Pyrene	ug/kg	360 U	840	48 J	55 J	60 J	370 U	360 U	430	1400	33 J
120-82-1	1,2,4-Trichlorobenzene	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	360 U	380 U	360 U	360 U	350 U	370 U	360 U	380 U	370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB18E C0I260208009 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB19C C0I270130001 5' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB19E C0I270130002 9' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB19F C0I270130003 11' STL Pittsburgh SADVA16 SOIL 9/26/2000 11/25/2000	AOC3-SB20A C0I260208004 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB20C C0I260208005 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB20E C0I260208006 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21A C0I260208001 0.2' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21C C0I260208002 5' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000	AOC3-SB21E C0I260208003 9' STL Pittsburgh SADVA16 SOIL 9/25/2000 11/25/2000
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
319-85-7	beta-BHC	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
76-44-8	Heptachlor	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
309-00-2	Aldrin	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
959-98-8	Endosulfan I	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
60-57-1	Dieldrin	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	0.82 J	17	1.7 J	1.6 J	3	2.5	0.46 J	29	4.4	2.7
72-20-8	Endrin	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	1.8 U	10 JN	0.5 JN	0.47 JN	0.5 JN	1.9 U	1.9 U	3.6 JN	0.44 JN	0.35 JN
1031-07-8	Endosulfan sulfate	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	0.61 J	180	10	7.8	6.6	4.5	0.76 J	34	14	10
72-43-5	Methoxychlor	ug/kg	3.6 U	19 U	3.6 U	3.6 U	3.5 U	3.7 U	3.6 U	3.8 U	3.7 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
8001-35-2	Toxaphene	ug/kg	73 U	380 U	73 U	74 U	70 U	75 U	73 U	77 U	75 U	76 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	36 U	38 U	36 U	36 U	35 U	37 U	36 U	38 U	37 U	37 U
11104-28-2	Aroclor 1221	ug/kg	36 U	38 U	36 U	36 U	35 U	37 U	36 U	38 U	37 U	37 U
11141-16-5	Aroclor 1232	ug/kg	36 U	38 U	36 U	36 U	35 U	37 U	36 U	38 U	37 U	37 U
53469-21-9	Aroclor 1242	ug/kg	36 U	38 U	36 U	36 U	35 U	37 U	36 U	38 U	37 U	37 U
12672-29-6	Aroclor 1248	ug/kg	36 U	38 U	36 U	36 U	35 U	37 U	36 U	38 U	37 U	37 U
11097-69-1	Aroclor 1254	ug/kg	36 U	38 U	36 U	36 U	35 U	37 U	36 U	38 U	37 U	37 U
11096-82-5	Aroclor 1260	ug/kg	36 U	38 U	36 U	36 U	35 U	37 U	36 U	38 U	37 U	37 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	14600	14400	14500	15600	15700	16200	14600	15600	15500	15500
7440-36-0	Antimony	mg/kg	0.73 J	1.1 J	0.75 J	0.6 J	0.83 J	0.57 J	0.85 J	1.7 J	0.61 J	0.65 J
7440-38-2	Arsenic	mg/kg	8	7.7	6.1	7.7	6.5	7.4	8	9.4	6.7	8.5
7440-39-3	Barium	mg/kg	49.6	99.7	38.1	48.8	50.9	49	45.3	110	54.7	54.1
7440-41-7	Beryllium	mg/kg	0.78	0.75	0.69	0.78	0.69	0.79	0.73	0.76	0.76	0.83
7440-43-9	Cadmium	mg/kg	0.054 U	1.5	0.054 U	0.054 U	0.052 U	0.055 U	0.054 U	5	0.46 J	0.056 U
7440-70-2	Calcium	mg/kg	2720 J	6210 J	1340 J	1730 J	1140 J	2820 J	2050 J	3460 J	3940 J	1740 J
7440-47-3	Chromium	mg/kg	22.5	20.2	20.5	21.7	20.9	20.2	22	25.8	34.6	22.3
7440-48-4	Cobalt	mg/kg	19.5	15.8	15.7	19.3	15.2	18.3	19	16.9	17.7	21.3
7440-50-8	Copper	mg/kg	44.5 J	118 J	37.5 J	45.6 J	32.8 J	38.6 J	35.8 J	293 J	58.3 J	49 J
7439-89-6	Iron	mg/kg	37600	32700	33200	37700	31700	36400	36300	36300	36300	39500
7439-92-1	Lead	mg/kg	16.8	83.4	16.7	17.2	15.6	16.8	16.8	202	25.8	21.3
7439-95-4	Magnesium	mg/kg	7230 J	5920 J	6510 J	7080 J	6130 J	6830 J	6810 J	6200 J	6810 J	6980 J
7439-96-5	Manganese	mg/kg	694	671	787	878	553	749	772	752	770	885
7439-97-6	Mercury	mg/kg	0.054	0.054	0.044	0.05	0.037	0.045	0.047	0.056	0.048	0.05
7440-02-0	Nickel	mg/kg	38.7	28.7	31.4	37.3	30.5	37.5	38.3	37.9	35.5	39.7
7440-09-7	Potassium	mg/kg	1490	1180	980	1220	1050	1530	1640	1190	1300	1310
7782-49-2	Selenium	mg/kg	0.23 U	0.24 U	0.23 U	0.23 U	0.22 U	0.23 U	0.23 U	0.24 U	0.23 U	0.24 U
7440-22-4	Silver	mg/kg	0.15 J	0.6 J	0.15 J	0.15 J	0.12 J	0.14 J	0.2 J	0.89 J	0.14 J	0.38 J
7440-23-5	Sodium	mg/kg	45.5 J	76.6 J	43.4 J	49.7 J	41 J	51.9 J	53.1 J	64.2 J	71.8 J	52.6 J
7440-28-0	Thallium	mg/kg	0.42 U	0.44 U	0.43 U	0.63 J	0.41 U	0.44 U	0.42 U	0.45 U	0.43 U	0.44 U
7440-62-2	Vanadium	mg/kg	23.7	24.5	21.8	23	22.6	24.3	22.7	24.7	22.9	23.4
7440-66-6	Zinc	mg/kg	97.2 J	484 J	88.8 J	115 J	77.7 J	91.3 J	91.2 J	568 J	138 J	124 J
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	92.2	87.7	91.2	90.7	95.6	89.1	91.5	87.2	89.9	88.4

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB22A C0I270146004 0.2' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB22C C0I270146005 5' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB22F C0I270146006 11' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB23A C0I270146007 0.2' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB23C C0I270146008 5' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB23G C0I270146009 13' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB24A C0I270146010 0.2' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB24C C0I270146011 5' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB24F C0I270146012 11' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB25C C0I270146001 5' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	22 UJ	22 UJ	22 UJ	23 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ
71-43-2	Benzene	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
75-27-4	Bromodichloromethane	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
75-25-2	Bromoform	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	22 UJ	22 UJ	22 UJ	23 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
56-23-5	Carbon tetrachloride	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
108-90-7	Chlorobenzene	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
124-48-1	Dibromochloromethane	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
75-00-3	Chloroethane	ug/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
67-66-3	Chloroform	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
74-87-3	Chloromethane	ug/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
107-06-2	1,2-Dichloroethane	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
75-35-4	1,1-Dichloroethene	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	8.4	5.5 U	5.4 U	4.7 J	5.6 U
78-87-5	1,2-Dichloropropane	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
100-41-4	Ethylbenzene	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
591-78-6	2-Hexanone	ug/kg	22 UJ	22 UJ	22 UJ	23 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ
75-09-2	Methylene chloride	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	22 UJ	22 UJ	22 UJ	23 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ
100-42-5	Styrene	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
127-18-4	Tetrachloroethene	ug/kg	5.6 U	5.5 U	2.1 J	5.7 U	5.6 U	2.7 J	5.5 U	5.4 U	2 J	5.6 U
108-88-3	Toluene	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U
79-01-6	Trichloroethene	ug/kg	5.6 U	8.6	13	5.7 U	5.3 J	28	5.5 U	7.8	44	5.6 U
75-01-4	Vinyl chloride	ug/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.6 U	5.5 U	5.5 U	5.7 U	5.6 U	5.6 U	5.5 U	5.4 U	5.4 U	5.6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB22A C0I270146004 0.2' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB22C C0I270146005 5' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB22F C0I270146006 11' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB23A C0I270146007 0.2' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB23C C0I270146008 5' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB23G C0I270146009 13' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB24A C0I270146010 0.2' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB24C C0I270146011 5' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB24F C0I270146012 11' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB25C C0I270146001 5' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	90 J
208-96-8	Acenaphthylene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
120-12-7	Anthracene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	110 J
56-55-3	Benzo(a)anthracene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	200 J
50-32-8	Benzo(a)pyrene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	160 J
205-99-2	Benzo(b)fluoranthene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	130 J
207-08-9	Benzo(k)fluoranthene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	190 J
191-24-2	Benzo(ghi)perylene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	120 J
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	370 U	42 J	360 U	370 U	160 J	54 J	360 U	26 J	34 J	45 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
86-74-8	Carbazole	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	69 J
106-47-8	4-Chloroaniline	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
95-57-8	2-Chlorophenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
218-01-9	Chrysene	ug/kg	23 J	360 U	360 U	370 U	370 U	370 U	19 J	360 U	360 U	220 J
53-70-3	Dibenz(a,h)anthracene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	50 J
132-64-9	Dibenzofuran	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	39 J
95-50-1	1,2-Dichlorobenzene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
84-66-2	Diethyl phthalate	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U

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CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
206-44-0	Fluoranthene	ug/kg	37 J	360 U	360 U	370 U	370 U	370 U	41 J	360 U	360 U	490
86-73-7	Fluorene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	67 J
118-74-1	Hexachlorobenzene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
67-72-1	Hexachloroethane	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	19 J	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	110 J
78-59-1	Isophorone	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
95-48-7	2-Methylphenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
106-44-5	4-Methylphenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
91-20-3	Naphthalene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	46 J
88-74-4	2-Nitroaniline	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
98-95-3	Nitrobenzene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
88-75-5	2-Nitrophenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	1700 U	1700 U	1800 U
85-01-8	Phenanthrene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	36 J	360 U	360 U	510
108-95-2	Phenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
129-00-0	Pyrene	ug/kg	26 J	360 U	360 U	370 U	370 U	370 U	27 J	360 U	360 U	430
120-82-1	1,2,4-Trichlorobenzene	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	370 U	360 U	360 U	370 U	370 U	370 U	360 U	360 U	360 U	370 U

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CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	0.11 JN
319-85-7	beta-BHC	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
76-44-8	Heptachlor	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
309-00-2	Aldrin	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
959-98-8	Endosulfan I	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
60-57-1	Dieldrin	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	2.4	1.9 U	1.9 U	0.23 J	1.9 U	1.9 U	0.45 J	1.8 U	1.8 U	3.5
72-20-8	Endrin	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	0.76 JN
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	2.9 J	1.9 U	1.9 U	0.32 J	1.9 U	1.9 U	0.85 J	1.8 U	1.8 U	22
72-43-5	Methoxychlor	ug/kg	3.7 U	3.6 U	3.6 U	3.7 U	3.7 U	3.7 U	3.6 U	3.6 U	3.6 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
8001-35-2	Toxaphene	ug/kg	74 U	74 U	74 U	76 U	75 U	75 U	74 U	73 U	72 U	75 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	37 U	36 U	36 U	37 U	37 U	37 U	36 U	36 U	36 U	37 U
11104-28-2	Aroclor 1221	ug/kg	37 U	36 U	36 U	37 U	37 U	37 U	36 U	36 U	36 U	37 U
11141-16-5	Aroclor 1232	ug/kg	37 U	36 U	36 U	37 U	37 U	37 U	36 U	36 U	36 U	37 U
53469-21-9	Aroclor 1242	ug/kg	37 U	36 U	36 U	37 U	37 U	37 U	36 U	36 U	36 U	37 U
12672-29-6	Aroclor 1248	ug/kg	37 U	36 U	36 U	37 U	37 U	37 U	36 U	36 U	36 U	37 U
11097-69-1	Aroclor 1254	ug/kg	37 U	36 U	36 U	37 U	37 U	37 U	36 U	36 U	36 U	37 U
11096-82-5	Aroclor 1260	ug/kg	37 U	36 U	36 U	37 U	37 U	37 U	36 U	36 U	36 U	37 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	12500	14500	14200	14500	14300	12200	14300	13800	14200	15500
7440-36-0	Antimony	mg/kg	1.1 J	0.42 J	0.77 J	0.76 J	0.79 J	0.75 J	1.1 J	0.9 J	0.86 J	1.2 J
7440-38-2	Arsenic	mg/kg	7.8	8.2	10.3	9	9.5	8.8	9.5	9.5	10.4	9.7
7440-39-3	Barium	mg/kg	50.9	49.3	51.1	47.3	48.3	42.7	41.2	34.5	51.1	68.6
7440-41-7	Beryllium	mg/kg	0.7	0.74	0.81	0.78	0.77	0.72	0.81	0.73	0.8	0.86
7440-43-9	Cadmium	mg/kg	0.055 U	0.054 U	0.086 J	0.056 U	0.55 U	0.055 U	0.087 J	0.086 J	0.17 J	2.3
7440-70-2	Calcium	mg/kg	996	1440	1780	976	1340	2050	1120	1350	1760	1030
7440-47-3	Chromium	mg/kg	19.1 J	21.2 J	24.1 J	22.5 J	24.5 J	22.6 J	23.1 J	21.4 J	23.5 J	23.3 J
7440-48-4	Cobalt	mg/kg	13.9	17.2	20.4	16	18.9	18.2	18.7	20.9	20.4	18.1
7440-50-8	Copper	mg/kg	33.8	35.9	43.1	32.9	37.4	36.7	38.3	40.4	40.8	121
7439-89-6	Iron	mg/kg	29800 J	34200 J	37900 J	33800 J	37200 J	34200 J	35500 J	35700 J	38300 J	42300 J
7439-92-1	Lead	mg/kg	22.9 J	15 J	21.3 J	18.9 J	19.7 J	18.2 J	20.9 J	20.2 J	19.8 J	49.4 J
7439-95-4	Magnesium	mg/kg	4660	6020	6670	5920	6630	6130	6280	6530	6900	6380
7439-96-5	Manganese	mg/kg	752	681	716	613	772	622	758	686	711	856
7439-97-6	Mercury	mg/kg	0.043	0.047	0.055	0.061	0.067	0.064	0.068	0.045	0.058	0.061
7440-02-0	Nickel	mg/kg	24.4	34.3	39.6	30	39	34.9	36.1	39.1	41.4	38
7440-09-7	Potassium	mg/kg	732	1520	1450	959	1310	1080	1230	1100	1730	1520
7782-49-2	Selenium	mg/kg	0.34 J	0.23 U	0.41 J	0.53 J	0.24 U	0.23 U	0.55	0.3 J	0.23 U	0.35 J
7440-22-4	Silver	mg/kg	0.1 U	0.1 U	0.1 U	0.11 U	0.13 J	0.11 J	0.1 U	0.1 U	0.1 U	0.38 J
7440-23-5	Sodium	mg/kg	29.8 J	43.6 J	41.6 J	32.9 J	36.5 J	59.8 J	33.4 J	32.5 J	80.6 J	50.4 J
7440-28-0	Thallium	mg/kg	0.43 U	0.43 U	0.59 J	0.44 U	0.44 U	0.43 U	0.43 U	0.42 U	0.42 U	0.86 J
7440-62-2	Vanadium	mg/kg	21.6	23.4	22.5	22	23	19.9	22.3	21.4	22.5	23.5
7440-66-6	Zinc	mg/kg	74.8 J	92 J	102 J	78.9 J	91.6 J	85.3 J	90.6 J	98.2 J	99.9 J	392 J
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	90	90.8	90.8	88.2	89.1	89.7	90.7	92.1	92.6	89.9

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB25F C0I270146002 11' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB25H C0I270146003 15' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB26C C0I280200001 5' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB26M C0I280200002 25' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB26O C0I280200003 29' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27C C0I280200004 5' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27J C0I280200005 19' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27P C0I280200006 31' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB28A C0I280200007 0.2' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB28I C0I280200008 17' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	23 UJ	22 UJ	22 UJ	22 UJ	25 UJ	22 UJ	22 UJ	23 UJ	22 UJ	22 UJ
71-43-2	Benzene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
75-27-4	Bromodichloromethane	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
75-25-2	Bromoform	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	23 UJ	22 UJ	22 UJ	22 UJ	25 UJ	22 UJ	22 UJ	23 UJ	22 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
56-23-5	Carbon tetrachloride	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
108-90-7	Chlorobenzene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
124-48-1	Dibromochloromethane	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
75-00-3	Chloroethane	ug/kg	11 U	11 U	11 U	11 U	12 U	11 U	R	12 U	R	R
67-66-3	Chloroform	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
74-87-3	Chloromethane	ug/kg	11 U	11 U	11 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
107-06-2	1,2-Dichloroethane	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
75-35-4	1,1-Dichloroethene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.7 U	5.4 U	5.5 U	12	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
78-87-5	1,2-Dichloropropane	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
100-41-4	Ethylbenzene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
591-78-6	2-Hexanone	ug/kg	23 UJ	22 UJ	22 U	22 U	25 U	22 U	22 U	23 U	22 U	22 U
75-09-2	Methylene chloride	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
108-10-1	4-Methyl-2-pentanone	ug/kg	23 UJ	22 UJ	22 UJ	22 UJ	25 UJ	22 UJ	22 UJ	23 UJ	22 UJ	22 UJ
100-42-5	Styrene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
127-18-4	Tetrachloroethene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
108-88-3	Toluene	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U
79-01-6	Trichloroethene	ug/kg	5.7	5.5 U	4 J	2.4 J	2.7 J	5 J	5.6 U	6.9	5.5 U	5.4 U
75-01-4	Vinyl chloride	ug/kg	11 U	11 U	11 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.7 U	5.4 U	5.5 U	5.5 U	6.2 U	5.5 U	5.6 U	5.8 U	5.5 U	5.4 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB25F C0I270146002 11' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB25H C0I270146003 15' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB26C C0I280200001 5' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB26M C0I280200002 25' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB26O C0I280200003 29' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27C C0I280200004 5' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27J C0I280200005 19' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27P C0I280200006 31' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB28A C0I280200007 0.2' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB28I C0I280200008 17' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
208-96-8	Acenaphthylene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
120-12-7	Anthracene	ug/kg	380 U	31 J	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
56-55-3	Benzo(a)anthracene	ug/kg	380 U	66 J	63 J	370 U	820 U	360 U	370 U	380 U	370 U	360 U
50-32-8	Benzo(a)pyrene	ug/kg	380 U	56 J	57 J	370 U	820 U	360 U	370 U	380 U	370 U	360 U
205-99-2	Benzo(b)fluoranthene	ug/kg	380 U	55 J	68 J	370 U	820 U	360 U	370 U	380 U	370 U	360 U
207-08-9	Benzo(k)fluoranthene	ug/kg	380 U	56 J	55 J	370 U	820 U	360 U	370 U	380 U	370 U	360 U
191-24-2	Benzo(ghi)perylene	ug/kg	380 U	45 J	30 J	370 U	820 U	360 U	370 U	380 U	370 U	360 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	41 J	32 J	46 J	220 J	210 J	63 J	78 J	140 J	370 U	110 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
85-68-7	Butyl benzyl phthalate	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
86-74-8	Carbazole	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
106-47-8	4-Chloroaniline	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
91-58-7	2-Chloronaphthalene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
95-57-8	2-Chlorophenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
218-01-9	Chrysene	ug/kg	380 U	72 J	89 J	370 U	820 U	360 U	370 U	380 U	370 U	360 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
132-64-9	Dibenzofuran	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
95-50-1	1,2-Dichlorobenzene	ug/kg	380 U	360 U	360 U	28 J	820 U	360 U	370 U	380 U	370 U	360 U
541-73-1	1,3-Dichlorobenzene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
106-46-7	1,4-Dichlorobenzene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
120-83-2	2,4-Dichlorophenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
84-66-2	Diethyl phthalate	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
105-67-9	2,4-Dimethylphenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
131-11-3	Dimethyl phthalate	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
84-74-2	Di-n-butyl phthalate	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
117-84-0	Di-n-octyl phthalate	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U

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CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
121-14-2	2,4-Dinitrotoluene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
606-20-2	2,6-Dinitrotoluene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
206-44-0	Fluoranthene	ug/kg	380 U	160 J	160 J	370 U	49 J	360 U	370 U	380 U	370 U	360 U
86-73-7	Fluorene	ug/kg	380 U	360 U	360 U	370 U	77 J	360 U	370 U	380 U	370 U	360 U
118-74-1	Hexachlorobenzene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
87-68-3	Hexachlorobutadiene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
67-72-1	Hexachloroethane	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	380 U	39 J	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
78-59-1	Isophorone	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
91-57-6	2-Methylnaphthalene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
95-48-7	2-Methylphenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
106-44-5	4-Methylphenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
91-20-3	Naphthalene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
98-95-3	Nitrobenzene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
88-75-5	2-Nitrophenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1700 U	1800 U	1800 U	4000 U	1700 U	1800 U	1900 U	1800 U	1700 U
85-01-8	Phenanthrene	ug/kg	380 U	150 J	72 J	370 U	820 U	360 U	370 U	380 U	370 U	360 U
108-95-2	Phenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
129-00-0	Pyrene	ug/kg	380 U	140 J	99 J	370 U	82 J	360 U	370 U	380 U	370 U	360 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	380 U	360 U	360 U	370 U	820 U	360 U	370 U	380 U	370 U	360 U

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CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	0.42 JN	1.9 U	1.9 U	2 U	1.9 U	1.9 U
319-85-7	beta-BHC	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
76-44-8	Heptachlor	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
309-00-2	Aldrin	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	0.82 J	1.9 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
959-98-8	Endosulfan I	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
60-57-1	Dieldrin	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	3.5	1.9 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	0.11 JN	1.8 U	0.79 J	1.7 J	6.4	1.9 U	1.9 U	2 U	0.99 J	1.9 U
72-20-8	Endrin	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	1.8 U	1.9 U	2.2	4.5 J	1.9 U	1.9 U	2 U	1.9 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	1.8 U	1.9 U	4	9.8	1.9 U	1.9 U	2 U	1.9 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	1.8 U	1.9 U	10	27	1.9 U	1.9 U	1.1 J	1.9 U	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	1.8 U	1.9 U	1.2 JN	4.2	1.9 U	1.9 U	2 U	1.9 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	0.8 J	1.8 U	1.4 J	1.9 U	2.1 U	1.9 U	1.9 U	2 U	0.93 J	1.9 U
72-43-5	Methoxychlor	ug/kg	3.8 U	3.6 U	3.6 U	3.7 U	4.1 U	3.6 U	3.7 U	3.8 U	3.7 U	3.6 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.1 JN	1.9 U	1.9 U	2 U	1.9 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U
8001-35-2	Toxaphene	ug/kg	77 U	73 U	73 U	74 U	84 U	73 U	75 U	78 U	74 U	73 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	38 U	36 U	36 U	37 U	41 U	36 U	37 U	38 U	37 U	36 U
11104-28-2	Aroclor 1221	ug/kg	38 U	36 U	36 U	37 U	41 U	36 U	37 U	38 U	37 U	36 U
11141-16-5	Aroclor 1232	ug/kg	38 U	36 U	36 U	37 U	41 U	36 U	37 U	38 U	37 U	36 U
53469-21-9	Aroclor 1242	ug/kg	38 U	36 U	36 U	37 U	41 U	36 U	37 U	38 U	37 U	36 U
12672-29-6	Aroclor 1248	ug/kg	38 U	36 U	36 U	37 U	66	36 U	37 U	38 U	37 U	36 U
11097-69-1	Aroclor 1254	ug/kg	38 U	36 U	36 U	37 U	41 U	36 U	37 U	38 U	37 U	36 U
11096-82-5	Aroclor 1260	ug/kg	38 U	36 U	36 U	92	210	36 U	37 U	38 U	37 U	36 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB25F C0I270146002 11' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB25H C0I270146003 15' STL Pittsburgh SADVA17 SOIL 9/26/2000 11/27/2000	AOC3-SB26C C0I280200001 5' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB26M C0I280200002 25' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB26O C0I280200003 29' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27C C0I280200004 5' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27J C0I280200005 19' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB27P C0I280200006 31' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB28A C0I280200007 0.2' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000	AOC3-SB28I C0I280200008 17' STL Pittsburgh SADVA17 SOIL 9/27/2000 11/27/2000
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	13900	12200	14800	14800	12900	12800	12100	12100	14500	13900
7440-36-0	Antimony	mg/kg	0.75 J	0.72 J	0.67 J	0.84 J	0.59 J	0.84 J	1.1 J	0.82 J	0.74 J	0.67 J
7440-38-2	Arsenic	mg/kg	8.9	8.3	6.8	10.2	9.1	9.9	7.9	8.8	9	8.5
7440-39-3	Barium	mg/kg	49	44.2	71.8	75.3	54.6	55.6	46.8	43.3	52.4	55.3
7440-41-7	Beryllium	mg/kg	0.75	0.72	0.7	0.83	0.73	0.7	0.67	0.69	0.77	0.72
7440-43-9	Cadmium	mg/kg	0.056 U	0.054 U	0.69	0.22 J	0.22 J	0.17 J	0.19 J	0.21 J	0.14 J	0.26 J
7440-70-2	Calcium	mg/kg	1380	1500	3570	2940	2080	1800	2130	2120	1080	4630
7440-47-3	Chromium	mg/kg	20.5 J	18.9 J	24.5 J	28.1 J	22.5 J	23.6 J	19.7 J	21.4 J	21.9 J	24 J
7440-48-4	Cobalt	mg/kg	17.2	18.4	15.5	21.5	20.6	18.8	19.3	20.9	17.9	18.3
7440-50-8	Copper	mg/kg	41.3	36.2	106	41.2	39	39.6	34.7	36.6	35.6	35.7
7439-89-6	Iron	mg/kg	35900 J	34200 J	36100 J	39000 J	33800 J	36000 J	33800 J	33800 J	32900 J	36800 J
7439-92-1	Lead	mg/kg	16.1 J	18.1 J	26.3 J	21.7 J	20.6 J	20.9 J	16.2 J	19.2 J	20.3 J	16.5 J
7439-95-4	Magnesium	mg/kg	5830	5620	6660	7460	6390	6400	6010	6130	5590	6960
7439-96-5	Manganese	mg/kg	662	710	773	712	371	733	869	832	631	943
7439-97-6	Mercury	mg/kg	0.02 J	0.068	0.033 J	0.053	0.055	0.065	0.044	0.044	0.04	0.051
7440-02-0	Nickel	mg/kg	33.5	34.4	33.3	47.5	45.2	41.7	38.5	38.8	34.1	37.7
7440-09-7	Potassium	mg/kg	1450	992	1560	1960	1650	1110	1080	1190	1150	1870
7782-49-2	Selenium	mg/kg	0.24 U	0.23 U	0.23 U	0.29 J	0.26 U	0.23 U	0.23 U	0.3 J	0.23 U	0.23 U
7440-22-4	Silver	mg/kg	0.11 U	0.1 U	0.27 J	0.17 J	0.12 U	0.13 J	0.11 U	0.13 J	0.1 U	0.15 J
7440-23-5	Sodium	mg/kg	63.1 J	50.4 J	50.4 J	92.7 J	84 J	48.3 J	67.6 J	81.3 J	45.6 J	93.8 J
7440-28-0	Thallium	mg/kg	0.44 U	0.42 U	0.43 U	0.43 U	0.48 U	0.42 U	0.68 J	0.45 U	0.43 U	0.42 U
7440-62-2	Vanadium	mg/kg	24.2	21.3	24.1	23.8	21.3	20.9	20.3	20.1	22.6	24.3
7440-66-6	Zinc	mg/kg	89 J	89.5 J	130 J	94.3 J	101 J	98.6 J	90.3 J	87.9 J	87.2 J	93.9 J
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	87.6	91.9	91.2	90.3	80.2	91.6	89.1	86.3	90.2	91.8

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB28M C0I280215001 25' STL Pittsburgh SADVA18 SOIL 9/27/2000 11/29/2000	AOC3-SB29A C0J030135004 0.2' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29L C0J040185001 23' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29O C0J040185002 29' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB30N C0J030135001 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31C C0J030135002 5' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31N C0J030135003 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	1200 UJ	24 UJ	22 UJ	23 U	490 J	22 UJ	21 UJ	23 UJ	23 UJ	22 UJ
71-43-2	Benzene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	580	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
75-27-4	Bromodichloromethane	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
75-25-2	Bromoform	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 UJ	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
74-83-9	Bromomethane	ug/kg	R	R	11 UJ	R	R	R	R	12 U	11 U	11 U
78-93-3	2-Butanone	ug/kg	1200 U	24 UJ	22 UJ	23 UJ	1100 U	22 UJ	21 UJ	23 UJ	23 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	300 UJ	6.1 UJ	5.5 UJ	5.8 U	280 UJ	5.5 UJ	5.3 UJ	5.8 U	5.7 U	5.6 U
56-23-5	Carbon tetrachloride	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
108-90-7	Chlorobenzene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	6.2	5.7 U	5.6 U
124-48-1	Dibromochloromethane	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
75-00-3	Chloroethane	ug/kg	600 U	R	11 UJ	12 UJ	R	R	R	12 U	11 U	11 U
67-66-3	Chloroform	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
74-87-3	Chloromethane	ug/kg	600 U	12 U	11 U	12 U	550 U	11 U	11 U	12 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
107-06-2	1,2-Dichloroethane	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
75-35-4	1,1-Dichloroethene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	300 U	6.1 U	5.5 U	5.8 U	1600	5.5 U	3.1 J	5.8 U	5.7 U	5.6 U
78-87-5	1,2-Dichloropropane	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
100-41-4	Ethylbenzene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	3500	5.5 U	5.3 U	3.9 J	5.7 U	5.6 U
591-78-6	2-Hexanone	ug/kg	1200 U	24 U	22 U	23 UJ	3000	22 U	21 U	23 UJ	23 UJ	22 UJ
75-09-2	Methylene chloride	ug/kg	300 U	6.1 U	5.5 U	5.8 UJ	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	1200 U	24 UJ	22 UJ	23 U	6900	22 UJ	21 UJ	23 U	23 U	22 U
100-42-5	Styrene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
127-18-4	Tetrachloroethene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	620	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
108-88-3	Toluene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	560	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	300 U	6.1 U	5.5 U	5.8 U	280 U	5.5 U	5.3 U	5.8 U	5.7 U	5.6 U
79-01-6	Trichloroethene	ug/kg	300 U	6.1 U	5.5 U	5.8 U	2300	5.5 U	5.3 U	5.8 U	2.8 J	5.6 U
75-01-4	Vinyl chloride	ug/kg	600 U	12 U	11 U	12 U	550 U	11 U	2.3 J	12 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	300 U	6.1 U	5.5 U	5.8 U	5500	5.5 U	5.3 U	11	5.7 U	5.6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB28M C0I280215001 25' STL Pittsburgh SADVA18 SOIL 9/27/2000 11/29/2000	AOC3-SB29A C0J030135004 0.2' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29L C0J040185001 23' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29O C0J040185002 29' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB30N C0J030135001 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31C C0J030135002 5' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31N C0J030135003 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	150 J	400 U	360 U	380 U	41 J	49 J	350 U	660 J	370 U	370 U
208-96-8	Acenaphthylene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
120-12-7	Anthracene	ug/kg	52 J	400 U	360 U	380 U	370 U	98 J	350 U	3800 U	370 U	370 U
56-55-3	Benzo(a)anthracene	ug/kg	35 J	72 J	360 U	380 U	370 U	210 J	350 U	3800 U	370 U	370 U
50-32-8	Benzo(a)pyrene	ug/kg	390 U	75 J	360 U	380 U	370 U	170 J	350 U	3800 U	370 U	370 U
205-99-2	Benzo(b)fluoranthene	ug/kg	390 U	86 J	360 U	380 U	370 U	160 J	350 U	3800 U	370 U	370 U
207-08-9	Benzo(k)fluoranthene	ug/kg	390 U	78 J	360 U	380 U	370 U	150 J	350 U	3800 U	370 U	370 U
191-24-2	Benzo(ghi)perylene	ug/kg	390 U	41 J	360 U	380 U	370 U	110 J	350 U	3800 U	370 U	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	250 J	400 U	360 U	26 J	42 J	70 J	36 J	610 J	600	220 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
86-74-8	Carbazole	ug/kg	390 U	400 U	360 U	380 U	370 U	51 J	350 U	3800 U	370 U	370 U
106-47-8	4-Chloroaniline	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
95-57-8	2-Chlorophenol	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
218-01-9	Chrysene	ug/kg	62 J	96 J	360 U	380 U	370 U	210 J	350 U	3800 U	370 U	370 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	390 U	400 U	360 U	380 U	370 U	32 J	350 U	3800 U	370 U	370 U
132-64-9	Dibenzofuran	ug/kg	60 J	400 U	360 U	380 U	40 J	23 J	350 U	700 J	370 U	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	120 U	400 U	360 U	380 U	43 J	360 U	350 U	740 J	370 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	440 J	370 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	35 J	400 U	360 U	380 U	370 U	360 U	350 U	3100 J	370 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1900 U	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 U	1800 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	390 U	400 U	360 U	380 U	29 J	360 U	350 U	3800 U	370 U	370 U
84-66-2	Diethyl phthalate	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	430	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	24 J	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB28M C0I280215001 25' STL Pittsburgh SADVA18 SOIL 9/27/2000 11/29/2000	AOC3-SB29A C0J030135004 0.2' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29L C0J040185001 23' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29O C0J040185002 29' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB30N C0J030135001 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31C C0J030135002 5' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31N C0J030135003 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1900 UJ	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 UJ	1800 UJ	1800 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1900 U	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 U	1800 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
206-44-0	Fluoranthene	ug/kg	58 J	150 J	360 U	380 U	370 U	500	350 U	3800 U	370 U	370 U
86-73-7	Fluorene	ug/kg	400	400 U	360 U	380 U	75 J	47 J	350 U	1100 J	370 U	370 U
118-74-1	Hexachlorobenzene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1900 U	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 U	1800 U	1800 U
67-72-1	Hexachloroethane	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	390 U	38 J	360 U	380 U	370 U	100 J	350 U	3800 U	370 U	370 U
78-59-1	Isophorone	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	390 U	400 U	360 U	380 U	1600	37 J	350 U	22000	370 U	370 U
95-48-7	2-Methylphenol	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
106-44-5	4-Methylphenol	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
91-20-3	Naphthalene	ug/kg	390 U	400 U	360 U	380 U	950	41 J	350 U	7600	370 U	370 U
88-74-4	2-Nitroaniline	ug/kg	1900 U	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 U	1800 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1900 U	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 U	1800 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1900 U	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 U	1800 U	1800 U
98-95-3	Nitrobenzene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
88-75-5	2-Nitrophenol	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1900 UJ	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 U	1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	400	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1900 U	2000 U	1800 U	1900 U	1800 U	1800 U	1700 U	19000 U	1800 U	1800 U
85-01-8	Phenanthrene	ug/kg	63 J	85 J	360 U	380 U	190 J	440	34 J	2600 J	370 U	370 U
108-95-2	Phenol	ug/kg	43 J	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
129-00-0	Pyrene	ug/kg	140 J	100 J	360 U	380 U	24 J	370	350 U	3800 U	370 U	370 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	390 U	400 U	360 U	380 U	370 U	360 U	350 U	3800 U	370 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB28M C0I280215001 25' STL Pittsburgh SADVA18 SOIL 9/27/2000 11/29/2000	AOC3-SB29A C0J030135004 0.2' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29L C0J040185001 23' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29O C0J040185002 29' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB30N C0J030135001 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31C C0J030135002 5' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31N C0J030135003 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	2 U	2.1 U	1.9 U	2 U	0.24 JN	1.9 U	1.8 U	0.98 JN	1.9 U	1.9 U
319-85-7	beta-BHC	ug/kg	2 U	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
319-86-8	delta-BHC	ug/kg	0.12 J	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	2 U	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
76-44-8	Heptachlor	ug/kg	2 U	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
309-00-2	Aldrin	ug/kg	2 U	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	2 U	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
959-98-8	Endosulfan I	ug/kg	2 U	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
60-57-1	Dieldrin	ug/kg	0.48 JN	2.1 U	1.9 U	2 U	0.25 JN	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	1.7 J	39	1.9 U	2 U	2.6	1.7 J	0.76 J	12 JN	1.9 U	1.9 U
72-20-8	Endrin	ug/kg	1.5 JN	2.1 U	1.9 U	2 U	1.3 JN	1.9 U	1.8 U	13	1.9 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	2 U	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	3.8 JN	2.1 U	1.9 U	2 U	1.6 JN	1.9 U	1.8 U	12 JN	1.9 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	4.4 JN	2.1 U	1.9 U	2 U	3.5	1.9 U	1.2 J	48 JN	0.73 JN	0.085 JN
72-54-8	4,4'-DDD	ug/kg	9.4 J	0.93 JN	1.9 U	2 U	9.5	0.44 JN	1.9	48	0.76 JN	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	2 U	2.1 U	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	0.15 JN
50-29-3	4,4'-DDT	ug/kg	2 U	29	1.9 U	2 U	1.9 U	7.3	1.8 U	17 JN	0.64 JN	0.31 J
72-43-5	Methoxychlor	ug/kg	3.9 U	4 U	3.6 U	3.8 U	3.7 U	3.6 U	3.5 U	44 JN	3.7 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	0.56 JN	0.9 JN	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	2 U	0.25 JN	1.9 U	2 U	1.9 U	1.9 U	1.8 U	7.9 U	1.9 U	1.9 U
8001-35-2	Toxaphene	ug/kg	80 U	82 U	73 U	78 U	74 U	73 U	72 U	310 U	76 U	75 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	39 U	40 U	36 U	38 U	37 U	36 U	35 U	38 U	37 U	37 U
11104-28-2	Aroclor 1221	ug/kg	39 U	40 U	36 U	38 U	37 U	36 U	35 U	38 U	37 U	37 U
11141-16-5	Aroclor 1232	ug/kg	39 U	40 U	36 U	38 U	37 U	36 U	35 U	38 U	37 U	37 U
53469-21-9	Aroclor 1242	ug/kg	39 U	40 U	36 U	38 U	37 U	36 U	35 U	450	37 U	37 U
12672-29-6	Aroclor 1248	ug/kg	52	40 U	36 U	38 U	37 U	36 U	35 U	38 U	37 U	37 U
11097-69-1	Aroclor 1254	ug/kg	39 U	40 U	36 U	38 U	37 U	36 U	35 U	38 U	37 U	37 U
11096-82-5	Aroclor 1260	ug/kg	150	40 U	36 U	38 U	72	36 U	35 U	610	37 U	37 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC3		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3-SB28M C0I280215001 25' STL Pittsburgh SADVA18 SOIL 9/27/2000 11/29/2000	AOC3-SB29A C0J030135004 0.2' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29L C0J040185001 23' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB29O C0J040185002 29' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB30N C0J030135001 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31C C0J030135002 5' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3-SB31N C0J030135003 27' STL Pittsburgh SADVA18 SOIL 10/2/2000 11/29/2000	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	11600	9540	14300	11600	11700	17300	14200	11000	10800	10300
7440-36-0	Antimony	mg/kg	0.51 J	1.7 J	0.86 J	0.66 J	0.56 J	0.78 J	0.68 J	0.48 UJ	0.47 UJ	0.46 UJ
7440-38-2	Arsenic	mg/kg	5.6	7.5	9	7.4	6.3	9.2	10	5.5	6.5	5.8
7440-39-3	Barium	mg/kg	47.7	81.6	55.8	47.8	41.6	69.5	92.8	36.7	33.7	29
7440-41-7	Beryllium	mg/kg	0.58 J	0.61 J	0.73	0.59	0.65	0.88	0.76	0.53 J	0.5 J	0.57
7440-43-9	Cadmium	mg/kg	0.059 U	0.51 J	0.054 U	0.057 U	0.055 U	0.68	0.053 U	0.073 U	0.13 J	0.071 U
7440-70-2	Calcium	mg/kg	1980	2250	2540	2500	2230	1350	13400	1850	6620	40300
7440-47-3	Chromium	mg/kg	18.7	17	22.9	19.8	18.7	26.1	23.1	17.6	16.9	16.6
7440-48-4	Cobalt	mg/kg	14.5	9.4	19.2	15.3	14.1	19.4	19	14.5	15.3	12.6
7440-50-8	Copper	mg/kg	32.1	31.3	42.3	36.4	30	95.3	42.4	32.3	31.7	34.8
7439-89-6	Iron	mg/kg	28900	21700	37400	30700	30000	39900	37200	28900	30400	27500
7439-92-1	Lead	mg/kg	11.4 J	78.9 J	17.4 J	14.4 J	12.8 J	33.6 J	20.7 J	14.9	11.9	10.4
7439-95-4	Magnesium	mg/kg	5830	3470	7010	5780	5840	7390	9330	5830	6680	16700
7439-96-5	Manganese	mg/kg	286	673	690	592	563	740	630	301	306	414
7439-97-6	Mercury	mg/kg	0.032 J	0.064	0.052	0.051	0.046	0.066	0.058	0.01 U	0.031 J	0.02 J
7440-02-0	Nickel	mg/kg	29	17.1	35.4	30.9	28.4	43.3	40.4	29.2	29.9	26.9
7440-09-7	Potassium	mg/kg	1400	601 J	1550	1500	1450	2250	1830	1140	1030	1410
7782-49-2	Selenium	mg/kg	0.25 U	0.5 J	0.23 U	0.39 J	0.23 U	0.44 J	0.29 J	0.37 U	0.36 U	0.56 J
7440-22-4	Silver	mg/kg	0.11 U	0.39 J	0.12 J	0.13 J	0.1 U	0.27 J	0.1 U	0.11 J	0.085 U	0.084 U
7440-23-5	Sodium	mg/kg	151 J	42.1 J	95.2 J	122 J	69.8 J	48.7 J	107 J	92.5 J	93.4 J	121 J
7440-28-0	Thallium	mg/kg	0.46 U	0.47 U	0.43 U	0.45 U	0.43 U	0.43 U	0.41 U	0.67 U	1.3 U	1.3 U
7440-62-2	Vanadium	mg/kg	19.3 J	21.6 J	22.7 J	21.3 J	19.9 J	26.1 J	22.5 J	18.9	18.8	19.1
7440-66-6	Zinc	mg/kg	81.9 J	108 J	112 J	90.2 J	72.3 J	174 J	83.1 J	80.8 J	81.4 J	93.6 J
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	84	82.1	91.2	86.2	90.2	91.2	93.7	86.2	88.1	89.5

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC6		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC6-TP01A C0H170209001 1' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC6-TP02A COH170215001 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP03A COH170215003 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP04A COH170215004 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP05B COH170215005 2' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP06A COH170215006 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP12A COH170215002 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
67-64-1	Acetone	ug/kg	23 UJ	22 UJ	4 J	23 UJ	23 UJ	24 UJ	22 UJ
71-43-2	Benzene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
75-27-4	Bromodichloromethane	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
75-25-2	Bromoform	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	23 UJ	22 UJ	23 UJ	23 UJ	23 UJ	24 UJ	22 UJ
75-15-0	Carbon disulfide	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
56-23-5	Carbon tetrachloride	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
108-90-7	Chlorobenzene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
124-48-1	Dibromochloromethane	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
75-00-3	Chloroethane	ug/kg	11 U	11 U	11 U	11 U	12 U	12 U	11 U
67-66-3	Chloroform	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
74-87-3	Chloromethane	ug/kg	11 U	11 U	11 U	11 U	12 U	12 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
107-06-2	1,2-Dichloroethane	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
75-35-4	1,1-Dichloroethene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
78-87-5	1,2-Dichloropropane	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
100-41-4	Ethylbenzene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
591-78-6	2-Hexanone	ug/kg	23 U	22 U	23 U	23 U	23 U	24 U	22 U
75-09-2	Methylene chloride	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	23 UJ	22 UJ	23 UJ	23 UJ	23 UJ	24 UJ	22 UJ
100-42-5	Styrene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.7 UJ	5.5 UJ	5.7 UJ	5.7 UJ	5.8 UJ	6 UJ	5.6 UJ
127-18-4	Tetrachloroethene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
108-88-3	Toluene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
79-01-6	Trichloroethene	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U
75-01-4	Vinyl chloride	ug/kg	11 U	11 U	11 U	11 U	12 U	12 U	11 U
1330-20-7	Xylenes (total)	ug/kg	5.7 U	5.5 U	5.7 U	5.7 U	5.8 U	6 U	5.6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC6		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC6-TP01A C0H170209001 1' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC6-TP02A COH170215001 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP03A COH170215003 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP04A COH170215004 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP05B COH170215005 2' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP06A COH170215006 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP12A COH170215002 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
83-32-9	Acenaphthene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
208-96-8	Acenaphthylene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
120-12-7	Anthracene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
56-55-3	Benzo(a)anthracene	ug/kg	15 J	20 J	380 U	34 J	380 U	15 J	33 J
50-32-8	Benzo(a)pyrene	ug/kg	14 J	24 J	380 U	43 J	380 U	21 J	44 J
205-99-2	Benzo(b)fluoranthene	ug/kg	72 J	45 J	10 J	39 J	380 U	33 J	73 J
207-08-9	Benzo(k)fluoranthene	ug/kg	380 U	36 J	380 U	48 J	380 U	30 J	65 J
191-24-2	Benzo(ghi)perylene	ug/kg	14 J	29 J	380 U	31 J	380 U	20 J	56 J
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
85-68-7	Butyl benzyl phthalate	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
86-74-8	Carbazole	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
106-47-8	4-Chloroaniline	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
95-57-8	2-Chlorophenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
218-01-9	Chrysene	ug/kg	230 J	41 J	380 U	49 J	380 U	31 J	68 J
53-70-3	Dibenz(a,h)anthracene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	13 J
132-64-9	Dibenzofuran	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
95-50-1	1,2-Dichlorobenzene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
541-73-1	1,3-Dichlorobenzene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
106-46-7	1,4-Dichlorobenzene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
84-66-2	Diethyl phthalate	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
131-11-3	Dimethyl phthalate	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
84-74-2	Di-n-butyl phthalate	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
117-84-0	Di-n-octyl phthalate	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC6		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC6-TP01A C0H170209001 1' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC6-TP02A COH170215001 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP03A COH170215003 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP04A COH170215004 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP05B COH170215005 2' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP06A COH170215006 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP12A COH170215002 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES CONT'D								
51-28-5	2,4-Dinitrophenol	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
206-44-0	Fluoranthene	ug/kg	48 J	37 J	380 U	39 J	380 U	22 J	52 J
86-73-7	Fluorene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
118-74-1	Hexachlorobenzene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
87-68-3	Hexachlorobutadiene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
67-72-1	Hexachloroethane	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	11 J	28 J	380 U	30 J	380 U	18 J	52 J
78-59-1	Isophorone	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
95-48-7	2-Methylphenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
106-44-5	4-Methylphenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
91-20-3	Naphthalene	ug/kg	23 J	360 U	380 U	380 U	380 U	400 U	370 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
98-95-3	Nitrobenzene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
88-75-5	2-Nitrophenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1700 U	1800 U	1800 U	1900 U	1900 U	1800 U
85-01-8	Phenanthrene	ug/kg	59 J	13 J	380 U	380 U	380 U	400 U	21 J
108-95-2	Phenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
129-00-0	Pyrene	ug/kg	50 J	30 J	380 U	40 J	380 U	22 J	55 J
120-82-1	1,2,4-Trichlorobenzene	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	380 U	360 U	380 U	380 U	380 U	400 U	370 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC6		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC6-TP01A C0H170209001 1' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC6-TP02A COH170215001 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP03A COH170215003 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP04A COH170215004 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP05B COH170215005 2' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP06A COH170215006 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP12A COH170215002 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000
CAS NO.	COMPOUND	UNITS:							
	PESTICIDES								
319-84-6	alpha-BHC	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
319-85-7	beta-BHC	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
319-86-8	delta-BHC	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
76-44-8	Heptachlor	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
309-00-2	Aldrin	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
959-98-8	Endosulfan I	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
60-57-1	Dieldrin	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	0.22 JN	0.91 J	1.9 U	2.7	2 U	2 U	0.27 J
72-20-8	Endrin	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	1.9 U	1.9 U	1.2 J	2 U	2 U	1.9 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	3.6 U	1.9 U	1.9 U	2 U	2 U	1.9 U
50-29-3	4,4'-DDT	ug/kg	1.9 U	1 J	1.9 U	2.2	2 U	2 U	1.9 U
72-43-5	Methoxychlor	ug/kg	3.8 U	3.6 U	3.8 U	3.8 U	3.8 U	4 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	1.9 U	1.9 U	0.43 J	2 U	2 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2 U	2 U	1.9 U
8001-35-2	Toxaphene	ug/kg	77 U	73 U	76 U	77 U	78 U	80 U	75 U
	PCBs								
12674-11-2	Aroclor 1016	ug/kg	38 U	36 U	38 U	38 U	38 U	40 U	37 U
11104-28-2	Aroclor 1221	ug/kg	38 U	36 U	38 U	38 U	38 U	40 U	37 U
11141-16-5	Aroclor 1232	ug/kg	38 U	36 U	38 U	38 U	38 U	40 U	37 U
53469-21-9	Aroclor 1242	ug/kg	38 U	36 U	38 U	38 U	38 U	40 U	37 U
12672-29-6	Aroclor 1248	ug/kg	38 U	36 U	38 U	38 U	38 U	40 U	37 U
11097-69-1	Aroclor 1254	ug/kg	38 U	36 U	38 U	38 U	38 U	40 U	37 U
11096-82-5	Aroclor 1260	ug/kg	38 U	36 U	38 U	38 U	38 U	40 U	37 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC6		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC6-TP01A C0H170209001 1' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC6-TP02A COH170215001 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP03A COH170215003 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP04A COH170215004 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP05B COH170215005 2' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP06A COH170215006 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000	AOC6-TP12A COH170215002 1' STL Pittsburgh SADVA13 SOIL 8/15/2000 11/7/2000
CAS NO.	COMPOUND	UNITS:							
	METALS								
7429-90-5	Aluminum	mg/kg	7280	14700	11200	10700	11500	9940	14200
7440-36-0	Antimony	mg/kg	0.96 J	0.16 UJ	0.17 UJ	0.17 UJ	0.17 UJ	0.17 UJ	0.16 J
7440-38-2	Arsenic	mg/kg	8.3	9.9	7.3	5.6	4.8	6.1	8.7
7440-39-3	Barium	mg/kg	50.3	62.9	49.9	52.3	63.4	42	59.5
7440-41-7	Beryllium	mg/kg	0.95	0.78	0.68	0.55 J	0.72	0.58 J	0.76
7440-43-9	Cadmium	mg/kg	0.18 J	0.23 J	0.12 J	0.37 J	0.14 J	0.19 J	0.22 J
7440-70-2	Calcium	mg/kg	11900	11800	3600	12000	1860	27000	8910
7440-47-3	Chromium	mg/kg	15.7	20.3	16.1	16.4	15.7	14.1	19.3
7440-48-4	Cobalt	mg/kg	10.5	20.5	15.2	11.5	15.4	10.4	17.6
7440-50-8	Copper	mg/kg	26.6 J	40.7	28.2	33.6	22.6	21.3	36.1
7439-89-6	Iron	mg/kg	21200	38900	28400	25500	28600	24600	35000
7439-92-1	Lead	mg/kg	26.6	19.5	19.3	23.3	11.5	14.4	17.3
7439-95-4	Magnesium	mg/kg	4140	8850	5170	5560	5350	10700	7560
7439-96-5	Manganese	mg/kg	332	659	453	494	210	383	525
7439-97-6	Mercury	mg/kg	0.19 J	0.064	0.04	0.14	0.023 J	0.025 J	0.062
7440-02-0	Nickel	mg/kg	23.6	42.8	25.2	23.2	29.6	19.7	36
7440-09-7	Potassium	mg/kg	912	1440 J	900 J	884 J	865 J	872 J	1400 J
7782-49-2	Selenium	mg/kg	1.5	0.31 J	0.36 J	0.27 J	0.24 U	0.25 U	0.23 U
7440-22-4	Silver	mg/kg	0.11 U	0.17 J	0.11 U	0.39 J	0.11 U	0.11 U	0.17 J
7440-23-5	Sodium	mg/kg	79.1 J	86.6 J	83.3 J	93.8 J	78.1 J	86.1 J	76.2 J
7440-28-0	Thallium	mg/kg	0.62 J	1.2	0.44 U	0.44 U	0.45 U	0.47 U	0.87 J
7440-62-2	Vanadium	mg/kg	21 J	23.3	20.8	18.7	23.3	19.1	23.4
7440-66-6	Zinc	mg/kg	79.4	113 J	63 J	89.3 J	58.8 J	59.1 J	96.9 J
	OTHER								
7440-44-0	Total Organic Carbon	mg/kg							
Q1082	Percent Solids	%	87.3	91.5	87.8	87.4	86.1	83.5	89.8

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC7		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-SB01A C0G240112007 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB01B C0H160189007 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB01C C0H160189008 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB02A C0G240112008 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB02B C0H160189005 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB02C C0H160189006 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB03A C0G240112009 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB03B C0H160189003 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB03C C0H160189004 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB04A C0G240112010 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000
CAS NO.	COMPOUND	UNITS:										
	VOLATILES											
67-64-1	Acetone	ug/kg	23 U	22 UJ	30 J	22 U	21 UJ	25 UJ	23 U	21 UJ	4 J	24 U
71-43-2	Benzene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
75-27-4	Bromodichloromethane	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
75-25-2	Bromoform	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	23 UJ	22 UJ	24 UJ	22 UJ	21 UJ	25 UJ	23 UJ	21 UJ	25 UJ	24 UJ
75-15-0	Carbon disulfide	ug/kg	5.7 UJ	5.5 U	6 U	5.6 UJ	5.3 U	6.3 U	5.6 UJ	5.3 U	6.3 U	6 UJ
56-23-5	Carbon tetrachloride	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
108-90-7	Chlorobenzene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
124-48-1	Dibromochloromethane	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
75-00-3	Chloroethane	ug/kg	11 UJ	R	R	11 UJ	R	R	11 UJ	R	R	12 UJ
67-66-3	Chloroform	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
74-87-3	Chloromethane	ug/kg	11 U	11 U	12 U	11 U	11 U	13 U	11 U	11 U	13 U	12 U
75-34-3	1,1-Dichloroethane	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
107-06-2	1,2-Dichloroethane	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
75-35-4	1,1-Dichloroethene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
78-87-5	1,2-Dichloropropane	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
100-41-4	Ethylbenzene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
591-78-6	2-Hexanone	ug/kg	23 UJ	22 UJ	24 UJ	22 UJ	21 UJ	25 UJ	23 UJ	21 UJ	25 UJ	24 UJ
75-09-2	Methylene chloride	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	23 U	22 UJ	24 UJ	22 U	21 UJ	25 UJ	23 U	21 UJ	25 UJ	24 U
100-42-5	Styrene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
127-18-4	Tetrachloroethene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
108-88-3	Toluene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	1.6 J	3.1 J	5.6 U	5.3 U	6.3 U	6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
79-01-6	Trichloroethene	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U
75-01-4	Vinyl chloride	ug/kg	11 U	11 U	12 U	11 U	11 U	13 U	11 U	11 U	13 U	12 U
1330-20-7	Xylenes (total)	ug/kg	5.7 U	5.5 U	6 U	5.6 U	5.3 U	6.3 U	5.6 U	5.3 U	6.3 U	6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC7		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-SB01A C0G240112007 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB01B C0H160189007 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB01C C0H160189008 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB02A C0G240112008 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB02B C0H160189005 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB02C C0H160189006 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB03A C0G240112009 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB03B C0H160189003 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB03C C0H160189004 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB04A C0G240112010 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES											
83-32-9	Acenaphthene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
208-96-8	Acenaphthylene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
120-12-7	Anthracene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
56-55-3	Benzo(a)anthracene	ug/kg	16 J	360 U	390 U	13 J	350 U	420 U	10 J	350 U	410 U	39 J
50-32-8	Benzo(a)pyrene	ug/kg	15 J	360 U	390 U	13 J	350 U	420 U	9.7 J	350 U	410 U	43 J
205-99-2	Benzo(b)fluoranthene	ug/kg	18 J	360 U	390 U	25 J	350 U	420 U	12 J	350 U	410 U	56 J
207-08-9	Benzo(k)fluoranthene	ug/kg	24 J	360 U	390 U	25 J	350 U	420 U	15 J	350 U	410 U	65 J
191-24-2	Benzo(ghi)perylene	ug/kg	10 J	360 U	390 U	12 J	350 U	420 U	370 U	350 U	410 U	27 J
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
85-68-7	Butyl benzyl phthalate	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
86-74-8	Carbazole	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
106-47-8	4-Chloroaniline	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
91-58-7	2-Chloronaphthalene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
95-57-8	2-Chlorophenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
218-01-9	Chrysene	ug/kg	26 J	360 U	390 U	29 J	350 U	420 U	14 J	350 U	410 U	67 J
53-70-3	Dibenz(a,h)anthracene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
132-64-9	Dibenzofuran	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
95-50-1	1,2-Dichlorobenzene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
541-73-1	1,3-Dichlorobenzene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
106-46-7	1,4-Dichlorobenzene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
120-83-2	2,4-Dichlorophenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
84-66-2	Diethyl phthalate	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
105-67-9	2,4-Dimethylphenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
131-11-3	Dimethyl phthalate	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
84-74-2	Di-n-butyl phthalate	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	100 J	350 U	410 U	390 U
117-84-0	Di-n-octyl phthalate	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC7		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-SB01A C0G240112007 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB01B C0H160189007 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB01C C0H160189008 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB02A C0G240112008 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB02B C0H160189005 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB02C C0H160189006 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB03A C0G240112009 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000	AOC7-SB03B C0H160189003 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB03C C0H160189004 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB04A C0G240112010 0.2' STL Pittsburgh SADVA6 SOIL 7/21/2000 10/13/2000
CAS NO.	COMPOUND	UNITS:										
	SEMIVOLATILES CONT'D											
51-28-5	2,4-Dinitrophenol	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
121-14-2	2,4-Dinitrotoluene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
606-20-2	2,6-Dinitrotoluene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
206-44-0	Fluoranthene	ug/kg	38 J	360 U	390 U	41 J	350 U	420 U	23 J	350 U	410 U	89 J
86-73-7	Fluorene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
118-74-1	Hexachlorobenzene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
87-68-3	Hexachlorobutadiene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
67-72-1	Hexachloroethane	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	11 J	360 U	390 U	11 J	350 U	420 U	370 U	350 U	410 U	29 J
78-59-1	Isophorone	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
91-57-6	2-Methylnaphthalene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
95-48-7	2-Methylphenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
106-44-5	4-Methylphenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
91-20-3	Naphthalene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
98-95-3	Nitrobenzene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
88-75-5	2-Nitrophenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1800 U	1900 U	1800 U	1700 U	2000 U	1800 U	1700 U	2000 U	1900 U
85-01-8	Phenanthrene	ug/kg	16 J	360 U	390 U	19 J	350 U	420 U	370 U	350 U	410 U	44 J
108-95-2	Phenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
129-00-0	Pyrene	ug/kg	28 J	360 UJ	390 U	29 J	350 UJ	420 UJ	17 J	350 UJ	410 UJ	64 J
120-82-1	1,2,4-Trichlorobenzene	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	370 U	360 U	390 U	370 U	350 U	420 U	370 U	350 U	410 U	390 U

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CAS NO.	COMPOUND	UNITS:										
	PESTICIDES											
319-84-6	alpha-BHC	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
319-85-7	beta-BHC	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
319-86-8	delta-BHC	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
76-44-8	Heptachlor	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
309-00-2	Aldrin	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
959-98-8	Endosulfan I	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
60-57-1	Dieldrin	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
72-55-9	4,4'-DDE	ug/kg	0.077 JN	1.9 U	2 U	0.29 JN	1.8 U	2.1 U	2.1 J	1.8 U	2.1 U	0.65 JN
72-20-8	Endrin	ug/kg	1.9 U	1.9 U	2 U	0.29 JN	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	2.9 J	1.8 U	2.1 U	2 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	7.2 U	1.8 U	2.1 U	2 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	2.7 JN	1.8 U	2.1 U	2 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
50-29-3	4,4'-DDT	ug/kg	1.9 U	1.9 U	2 U	0.45 J	1.8 U	2.1 U	6.9 JN	1.8 U	2.1 U	0.9 JN
72-43-5	Methoxychlor	ug/kg	3.7 U	3.6 U	3.9 U	3.7 U	3.5 U	4.2 U	3.7 U	3.5 U	4.1 U	3.9 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	1.9 U	2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	2.1 U	2 U
8001-35-2	Toxaphene	ug/kg	76 U	73 U	80 U	75 U	71 U	84 U	75 U	71 U	84 U	80 U
	PCBs											
12674-11-2	Aroclor 1016	ug/kg	37 U	36 U	39 U	37 U	35 U	42 U	37 U	35 U	41 U	39 U
11104-28-2	Aroclor 1221	ug/kg	37 U	36 U	39 U	37 U	35 U	42 U	37 U	35 U	41 U	39 U
11141-16-5	Aroclor 1232	ug/kg	37 U	36 U	39 U	37 U	35 U	42 U	37 U	35 U	41 U	39 U
53469-21-9	Aroclor 1242	ug/kg	37 U	36 U	39 U	37 U	35 U	42 U	37 U	35 U	41 U	39 U
12672-29-6	Aroclor 1248	ug/kg	37 U	36 U	39 U	37 U	35 U	42 U	37 U	35 U	41 U	39 U
11097-69-1	Aroclor 1254	ug/kg	37 U	36 U	39 U	37 U	35 U	42 U	37 U	35 U	41 U	39 U
11096-82-5	Aroclor 1260	ug/kg	37 U	36 U	39 U	37 U	35 U	42 U	160	35 U	41 U	39 U

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CAS NO.	COMPOUND	UNITS:										
	METALS											
7429-90-5	Aluminum	mg/kg	10600	11000	15100	10400	10000	13900	9850	10300	11300	12100
7440-36-0	Antimony	mg/kg	0.19 J	0.17 J	0.17 UJ	0.29 J	0.32 J	0.18 UJ	0.27 J	0.15 UJ	0.2 J	0.36 J
7440-38-2	Arsenic	mg/kg	5.9	4.9	5.4	5.7	6.9	8.1	5.4	4.7	8.6	6.7
7440-39-3	Barium	mg/kg	40	31	84.3	39.4	50.9	98.7	41	28.7	64.4	47.4
7440-41-7	Beryllium	mg/kg	0.52 J	0.45 J	0.95	0.54 J	0.58	1.2	0.49 J	0.41 J	0.91	0.59 J
7440-43-9	Cadmium	mg/kg	0.53 J	0.092 J	0.059 U	0.44 J	0.06 J	0.062 U	0.53 J	0.095 J	0.062 U	0.65
7440-70-2	Calcium	mg/kg	7350	17500	1360	3890	23800	2650	13500	31500	3370	5580
7440-47-3	Chromium	mg/kg	16.9 J	15.8	16.7	15.7 J	15.6	15.1	19.4 J	13.9	13.6	19.3 J
7440-48-4	Cobalt	mg/kg	11.8 J	11.2	13.6	11.8 J	12.7	15	11.2 J	11.2	13.5	13.3 J
7440-50-8	Copper	mg/kg	29.2	23.5 J	19.9 J	24.9	29.8 J	27.2 J	30.9	21.6 J	27.1 J	32.7
7439-89-6	Iron	mg/kg	26700 J	26800	38400	25400 J	26300	42600	25100 J	25000	34200	30000 J
7439-92-1	Lead	mg/kg	19.3	10.6	11.1	15.2	11.6	8.7	35.4	11	7.5	25.9
7439-95-4	Magnesium	mg/kg	6340	7090	3710	4820	7050	3310	8550	13300	3570	6760
7439-96-5	Manganese	mg/kg	649	647	205	549	523	183	517	614	246	615
7439-97-6	Mercury	mg/kg	0.044	0.019 J	0.028 J	0.047	0.025 J	0.035 J	0.04	0.016 J	0.039 J	0.064
7440-02-0	Nickel	mg/kg	26.2 J	21.6	20.7	22.9 J	24.1	24.6	24.8 J	21.4	22.9	27.3 J
7440-09-7	Potassium	mg/kg	1370	677	497 J	1140	1130	533 J	1270	673	594 J	1600
7782-49-2	Selenium	mg/kg	0.24 U	0.23 U	0.25 U	0.24 U	0.22 U	0.26 U	0.24 U	0.22 U	0.26 U	0.25 U
7440-22-4	Silver	mg/kg	0.12 J	0.1 U	0.11 U	0.15 J	0.099 U	0.12 U	0.16 J	0.099 U	0.12 U	0.12 J
7440-23-5	Sodium	mg/kg	50.4 J	50.3 J	73.3 J	46.3 J	64.4 J	89.4 J	57.6 J	67.9 J	119 J	59.2 J
7440-28-0	Thallium	mg/kg	0.44 U	0.43 U	0.46 U	0.44 U	0.41 U	0.83 J	0.44 U	0.95 J	0.49 U	0.55 J
7440-62-2	Vanadium	mg/kg	20.9	16.2 J	27.5 J	22.9	18.8 J	35.7 J	18.6	14.7 J	32.2 J	25.2
7440-66-6	Zinc	mg/kg	88.9	71.3	48.2	79.8	68.4	59.1	84.5	73.1	52.6	114
	OTHER											
7440-44-0	Total Organic Carbon	mg/kg										
Q1082	Percent Solids	%	88.2	91.3	84	89.1	95	79.5	88.8	94.6	79.8	83.6

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC7		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-SB04B C0H160189001 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB04C C0H160189002 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
67-64-1	Acetone	ug/kg	22 UJ	24 UJ
71-43-2	Benzene	ug/kg	5.5 U	6 U
75-27-4	Bromodichloromethane	ug/kg	5.5 U	6 U
75-25-2	Bromoform	ug/kg	5.5 U	6 U
74-83-9	Bromomethane	ug/kg	R	R
78-93-3	2-Butanone	ug/kg	22 UJ	24 UJ
75-15-0	Carbon disulfide	ug/kg	5.5 U	6 U
56-23-5	Carbon tetrachloride	ug/kg	5.5 U	6 U
108-90-7	Chlorobenzene	ug/kg	5.5 U	6 U
124-48-1	Dibromochloromethane	ug/kg	5.5 U	6 U
75-00-3	Chloroethane	ug/kg	R	R
67-66-3	Chloroform	ug/kg	5.5 U	6 U
74-87-3	Chloromethane	ug/kg	11 U	12 U
75-34-3	1,1-Dichloroethane	ug/kg	5.5 U	6 U
107-06-2	1,2-Dichloroethane	ug/kg	5.5 U	6 U
75-35-4	1,1-Dichloroethene	ug/kg	5.5 U	6 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.5 U	6 U
78-87-5	1,2-Dichloropropane	ug/kg	5.5 U	6 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.5 U	6 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.5 U	6 U
100-41-4	Ethylbenzene	ug/kg	5.5 U	6 U
591-78-6	2-Hexanone	ug/kg	22 UJ	24 UJ
75-09-2	Methylene chloride	ug/kg	5.5 U	6 U
108-10-1	4-Methyl-2-pentanone	ug/kg	22 UJ	24 UJ
100-42-5	Styrene	ug/kg	5.5 U	6 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.5 U	6 U
127-18-4	Tetrachloroethene	ug/kg	5.5 U	6 U
108-88-3	Toluene	ug/kg	5.5 U	6 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.5 U	6 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.5 U	6 U
79-01-6	Trichloroethene	ug/kg	5.5 U	6 U
75-01-4	Vinyl chloride	ug/kg	11 U	12 U
1330-20-7	Xylenes (total)	ug/kg	5.5 U	6 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC7		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-SB04B C0H160189001 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB04C C0H160189002 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
83-32-9	Acenaphthene	ug/kg	360 U	390 U
208-96-8	Acenaphthylene	ug/kg	360 U	390 U
120-12-7	Anthracene	ug/kg	360 U	390 U
56-55-3	Benzo(a)anthracene	ug/kg	29 J	390 U
50-32-8	Benzo(a)pyrene	ug/kg	360 U	390 U
205-99-2	Benzo(b)fluoranthene	ug/kg	360 U	390 U
207-08-9	Benzo(k)fluoranthene	ug/kg	360 U	390 U
191-24-2	Benzo(ghi)perylene	ug/kg	360 U	390 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	360 U	390 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	360 U	390 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	58 J	390 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	360 U	390 U
85-68-7	Butyl benzyl phthalate	ug/kg	360 U	390 U
86-74-8	Carbazole	ug/kg	360 U	390 U
106-47-8	4-Chloroaniline	ug/kg	360 U	390 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	360 U	390 U
91-58-7	2-Chloronaphthalene	ug/kg	360 U	390 U
95-57-8	2-Chlorophenol	ug/kg	360 U	390 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	360 U	390 U
218-01-9	Chrysene	ug/kg	53 J	390 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	360 U	390 U
132-64-9	Dibenzofuran	ug/kg	360 U	390 U
95-50-1	1,2-Dichlorobenzene	ug/kg	360 U	390 U
541-73-1	1,3-Dichlorobenzene	ug/kg	360 U	390 U
106-46-7	1,4-Dichlorobenzene	ug/kg	360 U	390 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1900 U
120-83-2	2,4-Dichlorophenol	ug/kg	360 U	390 U
84-66-2	Diethyl phthalate	ug/kg	360 U	390 U
105-67-9	2,4-Dimethylphenol	ug/kg	360 U	390 U
131-11-3	Dimethyl phthalate	ug/kg	360 U	390 U
84-74-2	Di-n-butyl phthalate	ug/kg	360 U	390 U
117-84-0	Di-n-octyl phthalate	ug/kg	360 U	390 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC7		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-SB04B C0H160189001 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB04C C0H160189002 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES CONT'D			
51-28-5	2,4-Dinitrophenol	ug/kg	1800 U	1900 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 U	1900 U
121-14-2	2,4-Dinitrotoluene	ug/kg	360 U	390 U
606-20-2	2,6-Dinitrotoluene	ug/kg	360 U	390 U
206-44-0	Fluoranthene	ug/kg	170 J	390 U
86-73-7	Fluorene	ug/kg	360 U	390 U
118-74-1	Hexachlorobenzene	ug/kg	360 U	390 U
87-68-3	Hexachlorobutadiene	ug/kg	360 U	390 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1900 U
67-72-1	Hexachloroethane	ug/kg	360 U	390 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	360 U	390 U
78-59-1	Isophorone	ug/kg	360 U	390 U
91-57-6	2-Methylnaphthalene	ug/kg	360 U	390 U
95-48-7	2-Methylphenol	ug/kg	360 U	390 U
106-44-5	4-Methylphenol	ug/kg	360 U	390 U
91-20-3	Naphthalene	ug/kg	360 U	390 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	1900 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1900 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1900 U
98-95-3	Nitrobenzene	ug/kg	360 U	390 U
88-75-5	2-Nitrophenol	ug/kg	360 U	390 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1900 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	360 U	390 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	360 U	390 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	360 U	390 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1900 U
85-01-8	Phenanthrene	ug/kg	30 J	390 U
108-95-2	Phenol	ug/kg	360 U	390 U
129-00-0	Pyrene	ug/kg	100 J	390 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/kg	360 U	390 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	360 U	390 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	360 U	390 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC7		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-SB04B C0H160189001 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB04C C0H160189002 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:		
	PESTICIDES			
319-84-6	alpha-BHC	ug/kg	1.9 U	2 U
319-85-7	beta-BHC	ug/kg	1.9 U	2 U
319-86-8	delta-BHC	ug/kg	1.9 U	2 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	2 U
76-44-8	Heptachlor	ug/kg	1.9 U	2 U
309-00-2	Aldrin	ug/kg	1.9 U	2 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	2 U
959-98-8	Endosulfan I	ug/kg	1.9 U	2 U
60-57-1	Dieldrin	ug/kg	1.9 U	2 U
72-55-9	4,4'-DDE	ug/kg	0.069 JN	2 U
72-20-8	Endrin	ug/kg	1.9 U	2 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	2 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	2 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	2 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	2 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	2 U
50-29-3	4,4'-DDT	ug/kg	1.9 U	2 U
72-43-5	Methoxychlor	ug/kg	3.6 U	3.9 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	2 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	2 U
8001-35-2	Toxaphene	ug/kg	74 U	80 U
	PCBs			
12674-11-2	Aroclor 1016	ug/kg	36 U	39 U
11104-28-2	Aroclor 1221	ug/kg	36 U	39 U
11141-16-5	Aroclor 1232	ug/kg	36 U	39 U
53469-21-9	Aroclor 1242	ug/kg	36 U	39 U
12672-29-6	Aroclor 1248	ug/kg	36 U	39 U
11097-69-1	Aroclor 1254	ug/kg	36 U	39 U
11096-82-5	Aroclor 1260	ug/kg	36 U	39 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC7		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC7-SB04B C0H160189001 3' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000	AOC7-SB04C C0H160189002 5' STL Pittsburgh SADVA11 SOIL 8/15/2000 11/5/2000
CAS NO.	COMPOUND	UNITS:		
	METALS			
7429-90-5	Aluminum	mg/kg	10200	14800
7440-36-0	Antimony	mg/kg	0.16 UJ	0.17 UJ
7440-38-2	Arsenic	mg/kg	6.5	4.3
7440-39-3	Barium	mg/kg	33	97.2
7440-41-7	Beryllium	mg/kg	0.5 J	1
7440-43-9	Cadmium	mg/kg	0.17 J	0.059 U
7440-70-2	Calcium	mg/kg	21300	2790
7440-47-3	Chromium	mg/kg	15	15.4
7440-48-4	Cobalt	mg/kg	12.4	8.8
7440-50-8	Copper	mg/kg	28.8 J	17.3 J
7439-89-6	Iron	mg/kg	27600	28700
7439-92-1	Lead	mg/kg	11.2	7.7
7439-95-4	Magnesium	mg/kg	8070	3130
7439-96-5	Manganese	mg/kg	599	174
7439-97-6	Mercury	mg/kg	0.023 J	0.034 J
7440-02-0	Nickel	mg/kg	24.2	16.6
7440-09-7	Potassium	mg/kg	880	453 J
7782-49-2	Selenium	mg/kg	0.23 U	0.25 U
7440-22-4	Silver	mg/kg	0.1 U	0.11 U
7440-23-5	Sodium	mg/kg	64.2 J	128 J
7440-28-0	Thallium	mg/kg	0.93 J	0.46 U
7440-62-2	Vanadium	mg/kg	18.4 J	31.7 J
7440-66-6	Zinc	mg/kg	93.8	40.8
	OTHER			
7440-44-0	Total Organic Carbon	mg/kg		
Q1082	Percent Solids	%	90.8	83.7

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC9		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-SB01C C0H030310001 4' STL Pittsburgh SADVA10 SOIL 8/1/2000 10/25/2000	AOC9-SB01E C0H030310002 9' STL Pittsburgh SADVA10 SOIL 8/1/2000 10/25/2000	AOC9-SB02C C0H020218005 4' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB02E C0H020218006 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB03B C0H020218003 3' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB03E C0H020218004 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB04C C0H020218001 4' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB04E C0H020218002 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
67-64-1	Acetone	ug/kg	22 UJ	25 UJ	51 J	25 UJ	22 UJ	25 UJ	24 UJ	25 UJ
71-43-2	Benzene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
75-27-4	Bromodichloromethane	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
75-25-2	Bromoform	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	22 UJ	R	R	25 UJ	R	R	24 UJ	R
75-15-0	Carbon disulfide	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
56-23-5	Carbon tetrachloride	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
108-90-7	Chlorobenzene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
124-48-1	Dibromochloromethane	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
75-00-3	Chloroethane	ug/kg	11 U	R	R	12 U	R	R	12 U	R
67-66-3	Chloroform	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.9	6.3 U	6 U	6.3 U
74-87-3	Chloromethane	ug/kg	11 U	12 U	13 U	12 U	11 U	13 U	12 U	13 U
75-34-3	1,1-Dichloroethane	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
107-06-2	1,2-Dichloroethane	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
75-35-4	1,1-Dichloroethene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
78-87-5	1,2-Dichloropropane	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
100-41-4	Ethylbenzene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
591-78-6	2-Hexanone	ug/kg	22 UJ	25 UJ	25 UJ	25 UJ	22 UJ	25 UJ	24 UJ	25 UJ
75-09-2	Methylene chloride	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
108-10-1	4-Methyl-2-pentanone	ug/kg	R	25 UJ	25 UJ	R	22 UJ	25 UJ	R	25 UJ
100-42-5	Styrene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
127-18-4	Tetrachloroethene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
108-88-3	Toluene	ug/kg	5.6 U	4.5 J	8.2	6.2 U	1.8 J	2.8 J	6 U	2 J
71-55-6	1,1,1-Trichloroethane	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U
79-01-6	Trichloroethene	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	10	6.3 U	6 U	6.3 U
75-01-4	Vinyl chloride	ug/kg	11 U	12 U	13 U	12 U	11 U	13 U	12 U	13 U
1330-20-7	Xylenes (total)	ug/kg	5.6 U	6.2 U	6.3 U	6.2 U	5.5 U	6.3 U	6 U	6.3 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC9		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-SB01C C0H030310001 4' STL Pittsburgh SADVA10 SOIL 8/1/2000 10/25/2000	AOC9-SB01E C0H030310002 9' STL Pittsburgh SADVA10 SOIL 8/1/2000 10/25/2000	AOC9-SB02C C0H020218005 4' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB02E C0H020218006 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB03B C0H020218003 3' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB03E C0H020218004 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB04C C0H020218001 4' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB04E C0H020218002 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES									
83-32-9	Acenaphthene	ug/kg	3700 U	410 U	410 U	410 U	48 J	410 U	400 U	420 U
208-96-8	Acenaphthylene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
120-12-7	Anthracene	ug/kg	3700 U	410 U	38 J	410 U	29 J	410 U	400 U	420 U
56-55-3	Benzo(a)anthracene	ug/kg	110 J	410 U	77 J	410 U	39 J	410 U	37 J	420 U
50-32-8	Benzo(a)pyrene	ug/kg	120 J	410 U	61 J	410 U	370 U	410 U	400 U	420 U
205-99-2	Benzo(b)fluoranthene	ug/kg	140 J	410 U	73 J	410 U	40 J	410 U	73 J	420 U
207-08-9	Benzo(k)fluoranthene	ug/kg	130 J	410 U	60 J	410 U	32 J	410 U	400 U	420 U
191-24-2	Benzo(ghi)perylene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	3700 U	410 U	160 J	120 J	190 J	65 J	410	110 J
101-55-3	4-Bromophenyl phenyl ether	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
85-68-7	Butyl benzyl phthalate	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
86-74-8	Carbazole	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
106-47-8	4-Chloroaniline	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
91-58-7	2-Chloronaphthalene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
95-57-8	2-Chlorophenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
218-01-9	Chrysene	ug/kg	240 J	410 U	92 J	410 U	54 J	410 U	56 J	420 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
132-64-9	Dibenzofuran	ug/kg	3700 U	410 U	410 U	410 U	30 J	410 U	400 U	420 U
95-50-1	1,2-Dichlorobenzene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
541-73-1	1,3-Dichlorobenzene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	18000 U	2000 U	2000 U	2000 U	1800 U	2000 U	1900 U	2000 U
120-83-2	2,4-Dichlorophenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
84-66-2	Diethyl phthalate	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
105-67-9	2,4-Dimethylphenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
131-11-3	Dimethyl phthalate	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
84-74-2	Di-n-butyl phthalate	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
117-84-0	Di-n-octyl phthalate	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC9		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-SB01C C0H030310001 4' STL Pittsburgh SADVA10 SOIL 8/1/2000 10/25/2000	AOC9-SB01E C0H030310002 9' STL Pittsburgh SADVA10 SOIL 8/1/2000 10/25/2000	AOC9-SB02C C0H020218005 4' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB02E C0H020218006 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB03B C0H020218003 3' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB03E C0H020218004 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB04C C0H020218001 4' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB04E C0H020218002 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES CONT'D									
51-28-5	2,4-Dinitrophenol	ug/kg	18000 U	2000 U	2000 UJ	2000 UJ	1800 UJ	2000 UJ	1900 UJ	2000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	18000 U	2000 U	2000 U	2000 U	1800 U	2000 U	1900 U	2000 U
121-14-2	2,4-Dinitrotoluene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
606-20-2	2,6-Dinitrotoluene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
206-44-0	Fluoranthene	ug/kg	170 J	410 U	230 J	410 U	120 J	410 U	83 J	420 U
86-73-7	Fluorene	ug/kg	3700 U	410 U	410 U	410 U	51 J	410 U	400 U	420 U
118-74-1	Hexachlorobenzene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
87-68-3	Hexachlorobutadiene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	18000 U	2000 U	2000 U	2000 U	1800 U	2000 U	1900 U	2000 U
67-72-1	Hexachloroethane	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
78-59-1	Isophorone	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
91-57-6	2-Methylnaphthalene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	27 J	420 U
95-48-7	2-Methylphenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
106-44-5	4-Methylphenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
91-20-3	Naphthalene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
88-74-4	2-Nitroaniline	ug/kg	18000 U	2000 U	2000 U	2000 U	1800 U	2000 U	1900 U	2000 U
99-09-2	3-Nitroaniline	ug/kg	18000 U	2000 U	2000 U	2000 U	1800 U	2000 U	1900 U	2000 U
100-01-6	4-Nitroaniline	ug/kg	18000 U	2000 U	2000 U	2000 U	1800 U	2000 U	1900 U	2000 U
98-95-3	Nitrobenzene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
88-75-5	2-Nitrophenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
100-02-7	4-Nitrophenol	ug/kg	18000 U	2000 U	2000 U	2000 U	1800 U	2000 U	1900 U	2000 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
87-86-5	Pentachlorophenol	ug/kg	18000 U	2000 U	2000 U	2000 U	1800 U	2000 U	1900 U	2000 U
85-01-8	Phenanthrene	ug/kg	3700 U	410 U	150 J	410 U	200 J	410 U	79 J	420 U
108-95-2	Phenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
129-00-0	Pyrene	ug/kg	140 J	410 U	210 J	410 U	100 J	410 U	67 J	420 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	3700 U	410 U	410 U	410 U	370 U	410 U	400 U	420 U

Schenectady Army Depot Focused SI and Phase II Site Assessment Validated Soil Boring Data - AOC9		SAMPLE ID: LAB ID: DEPTH: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC9-SB01C C0H030310001 4' STL Pittsburgh SADVA10 SOIL 8/1/2000 10/25/2000	AOC9-SB01E C0H030310002 9' STL Pittsburgh SADVA10 SOIL 8/1/2000 10/25/2000	AOC9-SB02C C0H020218005 4' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB02E C0H020218006 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB03B C0H020218003 3' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB03E C0H020218004 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB04C C0H020218001 4' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000	AOC9-SB04E C0H020218002 9' STL Pittsburgh SADVA8 SOIL 8/1/2000 10/20/2000
CAS NO.	COMPOUND	UNITS:								
	METALS									
7429-90-5	Aluminum	mg/kg	6500	13000	12800	10100	10700	14300	13300	17900
7440-36-0	Antimony	mg/kg	0.28 J	0.34 J	0.19 J	0.44 J	0.36 J	0.62 J	0.36 J	0.29 J
7440-38-2	Arsenic	mg/kg	7.9	6.4	4.3	3	9.5	8.3	6.3	2.8
7440-39-3	Barium	mg/kg	55.8	72.7	67.8	93.3	72	111	104	121
7440-41-7	Beryllium	mg/kg	0.36 J	0.84	0.68	0.56 J	0.63	1.1	0.95	0.91
7440-43-9	Cadmium	mg/kg	0.84	0.16 J	0.12 J	0.12 J	0.25 J	0.098 J	0.22 J	0.34 J
7440-70-2	Calcium	mg/kg	83700	25500	12900 J	92700 J	33500 J	9170 J	21600 J	134000 J
7440-47-3	Chromium	mg/kg	10.1 J	14.1 J	14.8	14.6	18	16.5	16.8	17.9
7440-48-4	Cobalt	mg/kg	6.8	13.4	13.7	7.1	15.7	14.4	11	8
7440-50-8	Copper	mg/kg	23	24.1	18.6 J	13.5 J	33.5 J	28.2 J	25.4 J	18.3 J
7439-89-6	Iron	mg/kg	15500	30900	22600 J	18300 J	28500 J	34000 J	27800 J	23100 J
7439-92-1	Lead	mg/kg	98.8 J	8.4 J	9.8	7	19.5	10	16.6	9.4
7439-95-4	Magnesium	mg/kg	22000	7940	4030	9510	7150	5660	4760	9240
7439-96-5	Manganese	mg/kg	323	464	286 J	309 J	585 J	409 J	500 J	254 J
7439-97-6	Mercury	mg/kg	0.017 J	0.028 J	0.045 J	0.019 J	0.055 J	0.019 J	0.043 J	0.022 J
7440-02-0	Nickel	mg/kg	15.9 J	23.8 J	16.2	16.9	35.3	27.8	28.3	20.3
7440-09-7	Potassium	mg/kg	885 J	1180 J	920	880	1290	913	1090	2210
7782-49-2	Selenium	mg/kg	0.23 U	0.26 U	0.26 U	0.26 U	0.23 U	0.26 U	0.25 U	0.27 U
7440-22-4	Silver	mg/kg	0.13 J	0.12 U	0.12 U	0.12 J	0.16 J	0.12 U	0.13 J	0.12 U
7440-23-5	Sodium	mg/kg	167 J	284 J	128 J	206 J	365 J	2540	2630	3600
7440-28-0	Thallium	mg/kg	0.85 J	0.86 J	0.49 U	0.48 U	0.43 U	0.49 U	0.47 U	0.9 J
7440-62-2	Vanadium	mg/kg	32.5 J	25.9 J	21 J	16.2 J	20.4 J	29.8 J	27.3 J	25.4 J
7440-66-6	Zinc	mg/kg	496	62.5	42.8	53	68.7	68	67.9	63.4
	OTHER									
7440-44-0	Total Organic Carbon	mg/kg								
Q1082	Percent Solids	%	89.4	81.2	80	80.7	90.4	79.5	82.9	78.8

USACE Schenectady Site Validated Soil Boring Data-AOC2 Dioxins & Furans	SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2SB01A C0G260185-001 STL C0G260185 SOIL 7/25/2000 12/15/2000	AOC2SB02A C0G260185-002 STL C0G260185 SOIL 7/25/2000 12/15/2000	AOC3SB08A C0G200152-001 STL C0G200152 SOIL 7/18/2000 12/15/2000	AOC3SB10A C0G2100152-002 STL C0G2100152 SOIL 7/18/2000 12/15/2000	AOC3SB05A C0G2100152-003 STL C0G2100152 SOIL 7/18/2000 12/15/2000	AOC2SB03A C0G270305-001 STL C0G270305 SOIL 7/26/2000 12/15/2000	AOC3SB04A C0G200283-001 STL C0G200283 SOIL 7/18/2000 12/15/2000	AOC3SB03A C0G200283-002 STL C0G200283 SOIL 7/19/2000 12/15/2000
compound	UNITS:								
DIOXINS									
2,3,7,8-TCDD	pg/g	0.69 J	0.31 U	0.29 U	0.17 U	0.13 U	1.9	0.51 U	1.1 J
Total TCDD	pg/g	1.4	0.54 U	4.5	1	0.43 U	7	5.5	17
1,2,3,7,8-PeCDD	pg/g	1.5 U	0.79 U	0.97 U	0.5 U	0.2 U	5 J	2.4 U	6.4
Total PeCDD	pg/g	3.3	1.1 U	3.1 U	0.97 U	0.43 U	31	4.7	37
1,2,3,4,7,8-HxCDD	pg/g	2 U	0.37 U	1.7 U	0.56 U	0.27 U	5.7 J	3.4 J	5.7
1,2,3,6,7,8-HxCDD	pg/g	3.2 J	0.68 U	5.6 J	1.2 U	0.59 U	11	14	34
1,2,3,7,8,9-HxCDD	pg/g	5.1 J	0.84 U	4.2 J	0.91 U	0.58 U	13	9.5	20
Total HxCDD	pg/g	40	3.7	36	7.2	1.9 U	180	93	260
1,2,3,4,6,7,8-HpCDD	pg/g	96	32	160	43	44	270	340	650
Total TCDF	pg/g	1.3	0.17 U	33	27	1.8	11	47	240
1,2,3,7,8-PeCDF	pg/g	0.34 U	0.33 U	2.6 U	2.3 U	0.16 U	0.49 U	2.5 U	8.1
Total HpCDD	pg/g	270	74	350	110	85	770	680	1400
OCDD	pg/g	5100	5700	8200	2900	8000	13000	7800	10000
2,3,7,8-TCDF	pg/g	0.45	0.17 U	1.6	0.73 J	0.16 U	0.43 U	1.8	14
2,3,4,7,8-PeCDF	pg/g	0.34 U	0.33 U	2.1 U	3.3 J	0.35 U	0.51 U	3.5 J	21
Total PeCDF	pg/g	1.1 U	0.34 U	27	20	1.2 U	2.6 U	66	500
1,2,3,4,7,8-HxCDF	pg/g	0.39 U	0.46 U	4.5 J	4.2 J	0.88 U	1.2 U	7.4	28
1,2,3,6,7,8-HxCDF	pg/g	0.36 U	0.43 U	2.7 U	4.2 J	0.25 U	0.75 U	6.9	16
2,3,4,6,7,8-HxCDF	pg/g	0.41 U	0.47 U	3.5 J	3.9 J	0.3 U	0.88 U	6.7	16
1,2,3,7,8,9-HxCDF	pg/g	0.41 U	0.47 U	0.23 U	0.52 U	0.12 U	0.96 U	0.57 U	0.56 U
Total HxCDF	pg/g	2 U	1.1 U	58	24	1.1 U	8.8	180	450
1,2,3,4,6,7,8-HpCDF	pg/g	3.7 J	1.3 U	73	12	2.6 J	8.9	200	250
Total HpCDF	pg/g	8.8	3.3	160	22	6.7	22	460	610
1,2,3,4,7,8,9-HpCDF	pg/g	0.21 U	0.28 U	2.5 U	2.3 U	0.18 U	0.65 U	8.7	22
OCDF	pg/g	7.4 U	40	130	17	8.4 J	15	290	310

USACE Schenectady Site Validated Soil Boring Data-AOC2 Dioxins & Furans	SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC3SB02A C0G200283-003 STL C0G200283 SOIL 7/19/2000 12/15/2000	AOC3SB01A C0G200283-004 STL C0G200283 SOIL 7/19/2000 12/15/2000	AOC3SB09A C0G210263-001 STL C0G210263 SOIL 7/19/2000 12/15/2000	AOC3SB11A C0G210263-002 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC2HP01A C0G210263-003 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC2HP02A C0G210263-004 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC2HP03A C0G210263-005 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC2HP04A C0G210263-006 STL C0G210263 SOIL 7/20/2000 12/15/2000
compound	UNITS:								
DIOXINS									
2,3,7,8-TCDD	pg/g	0.61 J	0.23 U	0.16 U	0.13 U	0.21 U	0.19 U	18 UJ	20 UJ
Total TCDD	pg/g	8	4.3	0.41 U	0.18 U	0.24 U	0.27 U	19 UJ	38 UJ
1,2,3,7,8-PeCDD	pg/g	1.6 U	0.88 U	0.3 U	0.32 U	0.47 U	0.8 U	39 UJ	38 UJ
Total PeCDD	pg/g	4.3 U	2.9 U	1.1 U	0.45 U	1.1 U	1.3 U	160 UJ	100 UJ
1,2,3,4,7,8-HxCDD	pg/g	1.7 U	0.63 U	0.8 U	0.3 U	1.1 U	0.89 U	89 UJ	120 UJ
1,2,3,6,7,8-HxCDD	pg/g	6.3	6.7	2.1 U	0.34 U	2.1 U	1.4 U	180 UJ	150 UJ
1,2,3,7,8,9-HxCDD	pg/g	5.9	3.4 J	2.2 U	0.45 U	2.5 U	1.7 U	240 UJ	260 UJ
Total HxCDD	pg/g	55	46	12	1 U	23	17	2200 J	1800 J
1,2,3,4,6,7,8-HpCDD	pg/g	150	270	75	80	180	150	14000 J	13000 J
Total TCDF	pg/g	56	74	8.9	0.25 U	1.7	0.9	61 J	47 UJ
1,2,3,7,8-PeCDF	pg/g	3.2 J	1.9 U	0.53 U	0.22 U	0.28 U	0.31 U	20 UJ	24 UJ
Total HpCDD	pg/g	330	570	160	160	450	360	35000 J	31000 J
OCDD	pg/g	4900	5900	3200	8400	12000	9000	870000 J	1200000 J
2,3,7,8-TCDF	pg/g	2.4	2.6	0.59 J	0.25 U	0.37 U	0.38 U	23 UJ	47 UJ
2,3,4,7,8-PeCDF	pg/g	3.9	3.2 J	0.85 U	0.22 U	0.34 U	0.31 U	29 UJ	27 UJ
Total PeCDF	pg/g	58	73	3.6	0.34 U	1.5 U	1.2 U	130 UJ	85 UJ
1,2,3,4,7,8-HxCDF	pg/g	6.2	3.3 J	0.59 U	0.24 U	0.82 U	0.65 U	96 UJ	52 UJ
1,2,3,6,7,8-HxCDF	pg/g	4.2 J	2.1 U	0.53 U	0.21 U	0.4 U	0.23 U	30 UJ	20 UJ
2,3,4,6,7,8-HxCDF	pg/g	5.1 J	2.2 U	0.95 U	0.26 U	0.37 U	0.32 U	40 UJ	26 UJ
1,2,3,7,8,9-HxCDF	pg/g	0.83 U	0.41 U	0.23 U	0.26 U	0.32 U	0.29 U	28 UJ	24 UJ
Total HxCDF	pg/g	66	57	3.1	0.34 U	1.8 U	1.4 U	250 UJ	150 UJ
1,2,3,4,6,7,8-HpCDF	pg/g	52	53	5.7 J	0.94 U	3.7 J	3.1 U	540 J	310 UJ
Total HpCDF	pg/g	110	110	11	1.4 U	7.8	3.7	1600 J	550 J
1,2,3,4,7,8,9-HpCDF	pg/g	3.2 J	2 U	0.42 U	0.43 U	0.36 U	0.36 U	39 UJ	36 UJ
OCDF	pg/g	64	290	9.8 J	1.7 U	5.6 U	9 J	2300 J	610 UJ

USACE Schenectady Site Validated Soil Boring Data-AOC2 Dioxins & Furans	SAMPLE ID: LAB ID: SOURCE: SDG: MATRIX: SAMPLED: VALIDATED:	AOC2HP05A C0G210263-007 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC2HP06A C0G210263-008 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC2HP07A C0G210263-009 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC2HP08A C0G210263-010 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC2HP09A C0G210263-011 STL C0G210263 SOIL 7/20/2000 12/15/2000	AOC3SB06A C0G240120-001 STL C0G240120 SOIL 7/20/2000 12/15/2000	AOC3SB07A C0G240120-002 STL C0G240120 SOIL 7/20/2000 12/15/2000
compound	UNITS:							
DIOXINS								
2,3,7,8-TCDD	pg/g	2.2 UJ	2.6 UJ	5.3 UJ	6 UJ	6 UJ	0.29 U	0.25 U
Total TCDD	pg/g	3.7 UJ	4 UJ	6.9 UJ	7.5 UJ	13 UJ	4.3	0.49 U
1,2,3,7,8-PeCDD	pg/g	4.4 UJ	5 UJ	14 UJ	20 UJ	10 UJ	0.95 U	0.52 U
Total PeCDD	pg/g	10 UJ	16 UJ	31 UJ	29 UJ	58 UJ	2.9 U	0.97 U
1,2,3,4,7,8-HxCDD	pg/g	4.8 UJ	17 UJ	42 UJ	35 UJ	48 UJ	1.2 U	0.4 U
1,2,3,6,7,8-HxCDD	pg/g	11 UJ	24 UJ	66 UJ	52 UJ	79 UJ	2.7 U	0.86 U
1,2,3,7,8,9-HxCDD	pg/g	17 UJ	36 UJ	92 UJ	75 UJ	110 UJ	3 J	0.79 U
Total HxCDD	pg/g	130 J	290 J	630 J	540 J	790 J	24	5.9
1,2,3,4,6,7,8-HpCDD	pg/g	1000 J	2100 J	6100 J	6400 J	4900 J	80	31
Total TCDF	pg/g	14 J	12 J	28 J	18 UJ	140 J	43	12
1,2,3,7,8-PeCDF	pg/g	2.7 UJ	4.2 UJ	8.5 UJ	4.9 UJ	8 UJ	1.9 U	0.64 U
Total HpCDD	pg/g	2600 J	5100 J	15000 J	15000 J	12000 J	170	70
OCDD	pg/g	73000 J	240000 J	660000 J	620000 J	360000 J	6500	2100
2,3,7,8-TCDF	pg/g	3.7 UJ	5.5 UJ	17 UJ	18 UJ	12 UJ	2.3	0.8 J
2,3,4,7,8-PeCDF	pg/g	2.7 UJ	4.6 UJ	11 UJ	4.9 UJ	17 UJ	2.1 U	0.64 U
Total PeCDF	pg/g	14 UJ	17 UJ	30 UJ	34 UJ	78 UJ	26	2.6 U
1,2,3,4,7,8-HxCDF	pg/g	5.1 UJ	7.3 UJ	23 UJ	21 UJ	34 UJ	3.1 J	0.93 U
1,2,3,6,7,8-HxCDF	pg/g	2.7 UJ	3.4 UJ	8.1 UJ	8.7 UJ	15 UJ	2.4 U	0.68 U
2,3,4,6,7,8-HxCDF	pg/g	2.5 UJ	4.2 UJ	12 UJ	10 UJ	18 UJ	2.7 U	0.74 U
1,2,3,7,8,9-HxCDF	pg/g	2.5 UJ	2.6 UJ	4.9 UJ	6 UJ	10 UJ	0.43 U	0.39 U
Total HxCDF	pg/g	12 UJ	27 UJ	75 UJ	42 UJ	120 UJ	24	2.2 U
1,2,3,4,6,7,8-HpCDF	pg/g	18 UJ	76 J	160 J	100 J	360 J	20	4.4 J
Total HpCDF	pg/g	18 UJ	230 J	610 J	240 J	760 J	35	9.1
1,2,3,4,7,8,9-HpCDF	pg/g	3.1 UJ	5.9 UJ	16 UJ	7.2 UJ	14 UJ	1.3 U	0.25 U
OCDF	pg/g	24 UJ	490 J	330 J	160 UJ	960 J	26	9.7 J

DATA USABILITY SUMMARY REPORT
ROUND 2
FORMER SCHENECTADY ARMY DEPOT – VOORHEESVILLE AREA

Prepared For:

UNITED STATES ARMY CORPS OF ENGINEERS

Prepared By:

PARSONS

MARCH 2001

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SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected from the former Schenectady Army Depot – Voorheesville Area (SADVA) site from January 10, 2001 through January 11, 2001. Analytical results from these samples were validated and reviewed by Parsons (Maryanne Kosciewicz) for usability with respect to the following requirements:

- RI Field Sampling Plan for SADVA;
- NYSDEC Analytical Services Protocol (ASP) dated September 1989 with October 1995 revisions, and
- USEPA Region II Standard Operating Procedures (SOP) in "CLP Organics Data Review and Preliminary Review," SOP No. HW-6, Revision #8, January 1992, and "Evaluation of Metals Data for the CLP Based on SOW 3/90," SOP No. HW-2, Revision #11, January 1992.

The analytical laboratory for this project was Severn Trent Laboratories (STL)-Pittsburgh.

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 22 days on average for the groundwater samples.

The data packages received from STL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation report in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

Groundwater samples were collected, properly preserved, shipped under a chain of custody (COC) record, and received at STL within one day of sampling. All samples were received intact and in good condition at STL.

1.3 LABORATORY ANALYTICAL METHODS

Groundwater samples were collected from the SADVA site and analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides and polychlorinated biphenyls (PCBs), and metals. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.4. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability

(PARCC) are discussed for each analytical method in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 Volatile Organic Analysis

The groundwater samples collected from the SADVA site were analyzed for Target Compound List (TCL) VOCs using the NYSDEC ASP 8260B analytical method. Certain reported results for the TCL VOC samples were qualified as estimated due to noncompliant instrument calibrations. Therefore, the reported TCL VOC analytical results were 100% complete with all data considered usable and valid for the groundwater data presented by STL. PARCC requirements were met overall.

1.3.2 Semivolatile Organic Analysis

The groundwater samples collected from the SADVA site were analyzed for TCL SVOCs using the NYSDEC ASP 8270C analytical method. Certain reported results for the TCL SVOC samples were qualified as estimated due to noncompliant instrument calibrations. Therefore, the reported TCL SVOC analytical results were 100% complete with all data considered usable and valid for the groundwater data presented by STL. PARCC requirements were met overall.

1.3.3 Pesticide/PCB Organic Analysis

The groundwater samples collected from the SADVA site were analyzed for TCL pesticide/PCBs using the NYSDEC ASP 8081A and 8082 analytical methods. The reported results for the TCL pesticide/PCB samples did not require qualification resulting from data validation. Therefore, the reported pesticide/PCB analytical results were considered 100% complete with all data considered usable and valid for the groundwater data presented by STL. PARCC requirements were met overall.

1.3.4 Metals Analysis

The groundwater samples collected from the SADVA site were analyzed for Target Analyte List (TAL) metals using the NYSDEC ASP 6010B/7470A analytical methods. Certain reported results for the metals samples were qualified as estimated due to noncompliant field duplicate precision. All of the metals data were considered usable and 100% complete for the groundwater data presented by STL. PARCC requirements were met overall.

SECTION 2

DATA VALIDATION REPORT

2.1 GROUNDWATER

Data review has been completed for data packages generated by STL containing groundwater samples collected from the SADVA site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A.

Data validation was performed for all samples in accordance with the current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is organized by analysis type.

2.1.1 TCL Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank and trip blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of MS/MSD precision and accuracy and initial and continuing calibrations.

MS/MSD Precision and Accuracy

All MS/MSD precision results (relative percent differences; RPDs) and accuracy results (percent recoveries; %Rs) were considered compliant and within QC acceptance limits during spiked analyses, with the exception of the high MS/MSD recoveries for 1,1-dichloroethene (132%R/133%R; QC limit 62-130%R) during the spiked analyses of AOC3MW-1. Validation qualification of the unspiked sample results for AOC3MW-1 was not warranted due to these noncompliances because surrogate recoveries and internal standard responses for the unspiked sample (AOC3MW-1) were compliant.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of bromomethane (34.3%RSD), acetone (52%RSD), 2-butanone (35.6%RSD), 4-methyl-2-pentanone (44%RSD), and 2-hexanone (43.4%RSD) for the initial calibration associated with all samples. Therefore, results for these compounds were considered estimated, with positive results qualified “J” and nondetected results qualified “UJ” for all samples.

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent difference (%D) of ±25% with the exception of carbon tetrachloride (25.4%D) for the continuing calibration associated with all samples. Therefore, all carbon tetrachloride results were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" in the affected samples.

Usability

All TCL volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile data presented by STL were 100% complete with all data considered usable and valid. The validated volatile laboratory data are tabulated and presented in Attachment A.

2.1.2 TCL Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy

- MSB recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of MS/MSD precision and accuracy and continuing calibrations.

MS/MSD Precision and Accuracy

All of the MS/MSD precision results (RPDs) and accuracy results (%Rs) were within QC limits, with the exception of the high MSD recovery for 4-nitrophenol (151%R; QC limit 10-145%R) during the MS/MSD analyses of AOC3MW-1. Validation qualification was not warranted since all surrogate recoveries and internal standards were acceptable and within criteria for the unspiked sample AOC3MW-1.

Continuing Calibrations

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent difference (%D) of ±25%, with the exception of those compounds summarized in Table 2.1-2 which were outside the 25%D QC limit. The sample results for these noncompliant compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Usability

All TCL semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The semivolatile data presented by STL were 100% complete with all data considered usable and valid. The validated semivolatile laboratory data are tabulated and presented in Attachment A.

2.1.3 TCL Pesticides/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- Sample result verification and identification
- Initial calibrations
- Performance evaluation mixtures
- Verification calibrations
- Analytical sequence
- Cleanup efficiency
- Chromatogram quality
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All TCL pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The pesticide/ PCB data presented by STL were 100% complete and all data were considered usable and valid. The validated data are tabulated and presented in Attachment A.

2.1.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of field duplicate precision.

Field Duplicate Precision

All reported results for the field duplicate pair AOC3MW-2 and 102 were acceptable with the exception of the reported results for aluminum, antimony, arsenic, barium, beryllium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, vanadium, zinc, and cadmium. Therefore, the reported results for these analytes in these samples were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals data presented by STL were 100% complete with all data considered valid and usable. The validated metals laboratory data are tabulated and presented in Attachment A.

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY

WATER - SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDE/PCBs	TAL METALS
AOC3MW-1	WATER	1/10/01	OK	OK	OK	OK
AOC3MW-2	WATER	1/10/01	OK	OK	OK	OK
AOC3MW-102	WATER	1/10/01	OK	OK	OK	OK
AOC3MW-3	WATER	1/10/01	OK	OK	OK	OK
AOC3MW-4-2	WATER	1/10/01	OK	OK	OK	OK
TRIP BLANK	WATER	1/10/01	OK			
AOC1GW-11R	WATER	1/11/01	OK	OK	OK	OK
TRIP BLANK	WATER	1/11/01	OK			
TOTAL SAMPLES:			8	6	6	6

NOTES: OK - Sample analysis considered valid and usable.

TABLE 2.1-2

TCL SEMIVOLATILE CONTINUING CALIBRATION OUTLIERS

WATER - SCHENECTADY

CONTINUING CALIBRATION DATE - TIME	COMPOUND	%D (1)	AFFECTED SAMPLES
1/18/01 09:11	2-nitroaniline	32.8	All samples except AOC1GW-11R
	4-nitrophenol	77.0	
	benzo(g,h,i)perylene	27.6	
1/18/01 22:21	hexachlorocyclopentadiene	28.5	AOC1GW-11R

Notes (1) - Percent Difference.

ATTACHMENT A

VALIDATED LABORATORY DATA FOR GROUNDWATER

Schenectady Army Depot Focused RI Validated Groundwater Data January 2001 Sampling SDG: SADVA22		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	AOC-1 GW-11R C1A120121001 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001	AOC-3 MW-1 C1A110176001 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 C1A110176002 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 AOC-3 MW-102 C1A110176003 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-3 C1A110176004 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-4-2 C1A110176005 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A110176006 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A120121002 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
67-64-1	Acetone	ug/L	4.3 J	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
75-15-0	Carbon disulfide	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
100-42-5	Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	0.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	2	2.1	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused RI Validated Groundwater Data January 2001 Sampling SDG: SADVA22		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	AOC-1 GW-11R C1A120121001 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001	AOC-3 MW-1 C1A110176001 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 C1A110176002 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 AOC-3 MW-102 C1A110176003 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-3 C1A110176004 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-4-2 C1A110176005 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A110176006 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A120121002 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES									
83-32-9	Acenaphthene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
208-96-8	Acenaphthylene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
120-12-7	Anthracene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 UJ	11 UJ	11 UJ	11 UJ	10 UJ		
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	10 U	7 J	4.9 J	4.9 J	5.3 J	10 U		
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
86-74-8	Carbazole	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
218-01-9	Chrysene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
132-64-9	Dibenzofuran	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	56 U	53 U	53 U	50 U		
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		

Schenectady Army Depot Focused RI Validated Groundwater Data January 2001 Sampling SDG: SADVA22		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	AOC-1 GW-11R C1A120121001 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001	AOC-3 MW-1 C1A110176001 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 C1A110176002 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 AOC-3 MW-102 C1A110176003 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-3 C1A110176004 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-4-2 C1A110176005 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A110176006 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A120121002 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES CONT'D									
51-28-5	2,4-Dinitrophenol	ug/L	50 U	50 U	56 U	53 U	53 U	50 U		
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	56 U	53 U	53 U	50 U		
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
206-44-0	Fluoranthene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
86-73-7	Fluorene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
77-47-4	Hexachlorocyclopentadiene	ug/L	50 UJ	50 U	56 U	53 U	53 U	50 U		
67-72-1	Hexachloroethane	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
78-59-1	Isophorone	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
95-48-7	2-Methylphenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
106-44-5	4-Methylphenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
91-20-3	Naphthalene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
88-74-4	2-Nitroaniline	ug/L	50 U	50 UJ	56 UJ	53 UJ	53 UJ	50 UJ		
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	56 U	53 U	53 U	50 U		
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	56 U	53 U	53 U	50 U		
98-95-3	Nitrobenzene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
100-02-7	4-Nitrophenol	ug/L	50 U	50 UJ	56 UJ	53 UJ	53 UJ	50 UJ		
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	56 U	53 U	53 U	50 U		
85-01-8	Phenanthrene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
108-95-2	Phenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
129-00-0	Pyrene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	11 U	11 U	11 U	10 U		

Schenectady Army Depot Focused RI Validated Groundwater Data January 2001 Sampling SDG: SADVA22		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	AOC-1 GW-11R C1A120121001 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001	AOC-3 MW-1 C1A110176001 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 C1A110176002 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 AOC-3 MW-102 C1A110176003 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-3 C1A110176004 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-4-2 C1A110176005 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A110176006 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A120121002 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001
CAS NO.	COMPOUND	UNITS:								
	PESTICIDES									
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U	2 U		
	PCBs									
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U	1 U		
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U	1 U		
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U	1 U		
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U	1 U		
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U	1 U		
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U	1 U		
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U	1 U		

Schenectady Army Depot Focused RI Validated Groundwater Data January 2001 Sampling SDG: SADVA22		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	AOC-1 GW-11R C1A120121001 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001	AOC-3 MW-1 C1A110176001 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 C1A110176002 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-2 AOC-3 MW-102 C1A110176003 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-3 C1A110176004 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	AOC-3 MW-4-2 C1A110176005 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A110176006 STL Pittsburgh SADVA22 WATER 1/10/2001 2/11/2001	TRIPLANK C1A120121002 STL Pittsburgh SADVA22 WATER 1/11/2001 2/11/2001
CAS NO.	COMPOUND	UNITS:								
	METALS									
7429-90-5	Aluminum	ug/L	12800	47900	64700 J	27300 J	3080	5300		
7440-36-0	Antimony	ug/L	11.5 J	3.9 J	4.7 J	1.9 J	2.4 J	2.9 J		
7440-38-2	Arsenic	ug/L	131	23.3	31.2 J	11.8 J	2.9 J	2.6 U		
7440-39-3	Barium	ug/L	357	302	454 J	209 J	36.4 J	46.7 J		
7440-41-7	Beryllium	ug/L	0.8 J	2.5 J	3.6 J	1.5 J	0.35 J	0.24 J		
7440-43-9	Cadmium	ug/L	0.49 U	0.78 J	0.74 J	0.49 UJ	0.49 U	0.49 U		
7440-70-2	Calcium	ug/L	2810 J	46800	74900	67800	44900	53000		
7440-47-3	Chromium	ug/L	21	67.3	84.3 J	34.4 J	4 J	7.6 J		
7440-48-4	Cobalt	ug/L	5.6 J	50.4	76 J	27 J	3.2 U	3.2 U		
7440-50-8	Copper	ug/L	25.4	95.2	123 J	45.3 J	7 J	7.6 J		
7439-89-6	Iron	ug/L	12800	78300	110000 J	40300 J	3540	5360		
7439-92-1	Lead	ug/L	15.8	35.6	48.9 J	17.1 J	1.9 U	2.6 J		
7439-95-4	Magnesium	ug/L	3210 J	25200	36700	23200	10700	11300		
7439-96-5	Manganese	ug/L	120	2260	3880 J	1430 J	97	77.8		
7439-97-6	Mercury	ug/L	0.049 J	0.089 J	0.15 J	0.083 J	0.045 U	0.05 J		
7440-02-0	Nickel	ug/L	17.3 J	91.3	131 J	56.9 J	6.1 U	6.1 U		
7440-09-7	Potassium	ug/L	9060	14600	18800	10700	4230 J	3190 J		
7782-49-2	Selenium	ug/L	84.5	2.4 J	2.1 U	2.1 U	2.1 U	2.7 J		
7440-22-4	Silver	ug/L	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U		
7440-23-5	Sodium	ug/L	437000	25700	35900	35800	25800	17300		
7440-28-0	Thallium	ug/L	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U		
7440-62-2	Vanadium	ug/L	61.7	88	121 J	53.3 J	8.6 J	9.8 J		
7440-66-6	Zinc	ug/L	21.2	227	311 J	114 J	11.1 J	16.7 J		

DATA USABILITY SUMMARY REPORT

DLA/DNSC SCHENECTADY ARMY DEPOT

Prepared For:

UNITED STATES ARMY CORPS OF ENGINEERS

Schenectady Army Depot
Schenectady, New York

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AUGUST 2001

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SECTION 1

DATA USABILITY SUMMARY

Groundwater and soil samples collected from the Schenectady site in Schenectady, New York from May 7, 2001 through May 22, 2001. Analytical results from these samples were validated and reviewed by Parsons (Maryanne Kosciewicz) for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP) dated September 1989 with October 1995 revisions, and
- USEPA Region II Standard Operating Procedures (SOP) in "CLP Organics Data Review and Preliminary Review," SOP No. HW-6, Revision #8, January 1992, and "Evaluation of Metals Data for the CLP Based on SOW 3/90," SOP No. HW-2, Revision #11, January 1992.

The analytical laboratory for this project was Severn Trent Laboratories, Inc. (STL).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons ES, was 25 days on average for water and soil samples.

The data packages received from STL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports, which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

Water and soil samples were collected, properly preserved, shipped under a COC record, and received at STL within one to two days of sampling. All samples were received intact and in good condition at STL.

1.3 LABORATORY ANALYTICAL METHODS

Water and soil samples were collected from the Schenectady site and analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides and polychlorinated biphenyls (PCBs), and metals. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.4. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and

comparability (PARCC) are discussed for each analytical method in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by media in Attachment A.

1.3.1 Volatile Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for target compound list (TCL) VOCs using the NYSDEC ASP 8260B analytical method. Certain reported results for the TCL VOC samples were qualified as estimated due to noncompliant instrument calibrations and field duplicate precision. Certain reported TCL VOC sample results were considered unusable and qualified "R" due to poor instrument calibration linearity. Therefore, the reported TCL VOC analytical results were 97.9% to 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.2 Semivolatile Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for TCL SVOCs using the NYSDEC ASP 8270C analytical method. Certain reported results for the TCL SVOC samples were qualified as estimated due to noncompliant instrument calibrations. Therefore, the reported TCL SVOC analytical results were considered 100% complete with all data being usable and valid for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.3 Pesticide/PCB Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for TCL pesticide/PCBs using the NYSDEC ASP 8081A and 8082 analytical methods. Certain reported results for the TCL pesticide/PCB samples were qualified as estimated due to noncompliant sample result identifications. Therefore, the reported pesticide/PCB analytical results were considered 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.4 Metals Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for target analyte list (TAL) metals using the NYSDEC ASP 6010B/7470A /7471A analytical methods. Certain reported results for the metals samples were qualified as

estimated due to noncompliant matrix spike recoveries. Therefore, the reported TAL metals analytical results were 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

SECTION 2

DATA VALIDATION REPORTS

2.1 GROUNDWATER

Data review has been completed for data packages generated by STL containing groundwater samples collected from the Schenectady site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-1.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 TCL Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank and trip blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, initial and continuing calibrations, and field duplicate precision.

MS/MSD Precision and Accuracy

All of the MS/MSD precision results (relative percent differences; RPDs) and accuracy results (percent recoveries; %Rs) were within QC limits with the exception of the high MS recovery for 1,1-dichloroethene (131%R; QC limit 62-130%R) associated with the spiked analyses of AOC3MW-6. Validation qualification was not warranted since all surrogate recoveries and internal standard responses were acceptable and within criteria for the unspiked sample AOC3MW-6.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30% with the exception of bromomethane (48.7%RSD) for the initial calibration associated with all groundwater samples. The sample results for this noncompliant compound were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent difference (%D) of ±25% with the exception of those compounds summarized in Table 2.1-2. The sample results for those noncompliant compounds which were outside the ±25% QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" in the affected samples.

Field Duplicate Precision

All field duplicate results were considered compliant for the filed duplicate samples AOC3MW-2 and AOC3MW-102 with the exception of concentrations for carbon disulfide (1.1 µg/L and nondetect, respectively) and trichloroethene (1.8 µg/L and nondetect, respectively). Therefore, these results for the field duplicate pair were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

Usability

All TCL volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater volatile data presented by STL were 100% complete with all data considered usable and valid. The validated volatile laboratory data are tabulated and presented in Attachment A-1.

2.1.2 TCL Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of initial calibrations.

Initial Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of 2,4-dinitrophenol (32.4%RSD) for the initial calibration associated with all groundwater samples except AOC3MW5 and AOC3MW7. Therefore, sample results for this noncompliant compound were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Usability

All TCL semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater semivolatile data presented by STL were 100% complete with all data

considered usable and valid. The validated semivolatile laboratory data are tabulated and presented in Attachment A-1.

2.1.3 TCL Pesticides/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- Sample result verification and identification
- Initial calibrations
- Performance evaluation mixtures
- Verification calibrations
- Analytical sequence
- Cleanup efficiency
- Chromatogram quality
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of sample result identifications.

Sample Result Identification

All positive sample results were confirmed present using second column confirmation and verified within retention time windows. The %Ds of the sample concentrations for all compounds between the primary and confirmation columns were less than 25% with the exception of 4,4′-DDT for samples AOC3MW3 (84.8%D) and AOC3MW102 (27.8%D). Therefore, the positive results for these compounds for the affected samples were considered estimated and qualified "J" where the %D was greater than 25%, but less than 50%. The positive results for those compounds for the affected samples where the %D was greater than 50% were considered estimated, tentatively identified, and qualified "JN".

Usability

All TCL pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater pesticide/PCB data presented by STL were 100% complete and all data were considered usable and valid. The validated data are tabulated and presented in Attachment A-1.

2.1.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater metals data presented by STL were 100% complete with all data considered valid and usable. The validated metals laboratory data are tabulated and presented in Attachment A-1.

2.2 SOIL

Data review has been completed for data packages generated by STL containing soil samples collected from the Schenectady site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.2-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-2.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.2.1 TCL Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of initial and continuing calibrations.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of bromomethane (RRF = 0.049) on the initial calibration associated with all soil samples except AOC3SB32L, 32N, and 32P; and acetone (38.3%RSD) on the initial calibration associated with samples AOC3SB32L, 32N, and 32P. The sample results for those noncompliant compounds which were outside the 30% RSD QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive sample results for those noncompliant compounds which were outside the RRF criteria were considered estimated and qualified "J", while nondetected results were considered unusable and qualified "R" for the affected samples.

All continuing calibration compounds were complaint with a minimum RRF of 0.05 and a maximum percent difference (%D) of ± 25%, with the exceptions noted in Table 2.2-2. The sample results for those noncompliant compounds which were outside the ±25%D QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive sample results for those noncompliant compounds which were outside the RRF criteria or with %D greater than or equal to 90% were considered estimated and qualified "J", while nondetected results were considered unusable and qualified "R" for the affected samples.

Usability

All TCL volatile sample results were considered usable following data validation with the exception of those nondetected bromomethane results mentioned above due to poor calibration linearity.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness and comparability. The soil TCL volatile data presented by STL were 97.9% complete (i.e., usable). The validated TCL volatile laboratory data are tabulated and presented in Attachment A-2.

2.2.2 TCL Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times

- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of surrogate recoveries, initial and continuing calibrations, and internal standard responses.

Surrogate Recoveries

All semivolatile sample surrogate recoveries were compliant and within QC acceptance limits with the exception of the nitrobenzene-d5 surrogate (QC limit 42-110%R) recovery in sample A0C3SB32L (176%R). Since only one base/neutral surrogate was noncompliant, validation qualification of this sample was not warranted.

Initial and Continuing Calibrations

All initial calibrations were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of 2-4,dinitrophenol (33.3%RSD) on the initial calibration associated with all samples except AOC3MW5A, 6A, and 7A. The sample results for this noncompliant compound were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D of ± 25%, with the exception of 4,6-dinitro-2-methylphenol (25.6%D) on the continuing calibration associated with AOC3MW7N and AOC3MW5I. The sample results for this noncompliant compound were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample's area count within –50% to +100% and retention times within ±0.5 minutes of the standard) with the exception of the high area count for IS chrysene-d5 (1035798; QC limit 248168-992670) in sample AOC3MW5A. Since all results associated with this noncompliant IS were nondetects, validation qualification was not warranted for sample AOC3MW5A.

Usability

All TCL semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness and comparability. The soil TCL semivolatile data presented by STL were 100% complete with all data considered usable and valid. The validated TCL semivolatile laboratory data are tabulated and presented in Attachment A-2.

2.2.3 TCL Pesticides/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- Sample result verification and identification
- Initial calibrations
- Performance evaluation mixtures
- Verification calibrations
- Analytical sequence
- Cleanup efficiency
- Chromatogram quality
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of sample result identification.

Sample Result Identification

All positive sample results were confirmed present using second column confirmation and verified within retention time windows. However, there were numerous percent differences (%D) of sample concentrations between the primary and confirmation columns that were greater than 25%. Therefore, the positive results for those compounds where the %D was greater than 25%, but less than 50%, were considered estimated and qualified "J". The positive results for those compounds where the %D was greater than 50% were considered estimated, tentatively identified, and qualified "JN".

Usability

All TCL pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The soil pesticide/PCB data presented by STL were 100% complete with all data considered usable and valid. The validated data were tabulated and presented in Attachment A-2.

2.2.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Laboratory control sample
- ICP serial dilution

- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of matrix spike recoveries.

Matrix Spike Recoveries

All the MS recoveries were within the 75-125% control limits and have concentrations less than four times the spiking concentration, with the exception of the recoveries for antimony (45.7%R and 43.4%R) and zinc (126.8%R) associated with all soil samples. All antimony sample results were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ". Positive zinc sample results were considered estimated, possibly biased high, and qualified "J".

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals data presented by STL were 100% complete with all data considered usable and valid. The validated metals laboratory data are tabulated and presented in Attachment A-2.

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY

WATER – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDE/PCBs	TAL METALS
A0C3MW7	WATER	5/21/01	OK	OK	OK	OK
A0C3MW5	WATER	5/21/01	OK	OK	OK	OK
TB-1	WATER	5/21/01	OK			
A0C3MW1	WATER	5/22/01	OK	OK	OK	OK
A0C3MW6	WATER	5/22/01	OK	OK	OK	OK
A0C3MW3	WATER	5/22/01	OK	OK	OK	OK
A0C3MW4-2	WATER	5/22/01	OK	OK	OK	OK
A0C3MW2	WATER	5/22/01	OK	OK	OK	OK
A0C3MW102	WATER	5/22/01	OK	OK	OK	OK
A0C9MW9	WATER	5/22/01	OK	OK	OK	OK
TB-2	WATER	5/22/01	OK	OK	OK	OK
TOTAL SAMPLES:			11	9	9	9

NOTES: OK - Sample analysis considered valid and usable.

TABLE 2.1-2

TCL VOLATILE CONTINUING CALIBRATION OUTLIERS

WATER – SCHENECTADY

CONTINUING CALIBRATION DATE	COMPOUND	%D (1)	AFFECTED SAMPLES
5/26/01 18:16	Bromomethane Carbon Disulfide	40.5 25.3	A0C3MW1, 2, 3, TB-2,
5/29/01 06:35	Bromomethane	41.7	AOC3MW5, 6, 7, 102, 4-2
5/30/01 05:46	Chloroethane Carbon disulfide	26.4 33.5	TB - 1

NOTE: (1) – Percent difference

TABLE 2.2-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS	FOOTNOTES
AOC3MW5A	Soil	5/7/01	NO	OK	OK	OK	1
AOC3MW6A	Soil	5/7/01	NO	OK	OK	OK	1
AOC3MW7A	Soil	5/7/01	NO	OK	OK	OK	1
AOC3MW7L	Soil	5/8/01	NO	OK	OK	OK	1
AOC3MW7N	Soil	5/8/01	NO	OK	OK	OK	1
AOC3MW5I	Soil	5/9/01	NO	OK	OK	OK	1
AOC3MW6I	Soil	5/9/01	NO	OK	OK	OK	1
AOC3SB32L	Soil	5/9/01	OK	OK	OK	OK	
AOC3SB32N	Soil	5/9/01	OK	OK	OK	OK	
AOC3SB32P	Soil	5/9/01	OK	OK	OK	OK	
TOTAL SAMPLES			10	10	10	10	

NOTES: OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES:

(1) Poor volatile calibration linearity for certain compounds.

TABLE 2.2-2

TCL VOLATILE CONTINUING CALIBRATION OUTLIERS

SOIL – SCHENECTADY

CONTINUING CALIBRATION DATE – TIME	COMPOUND	%D (1)	AFFECTED SAMPLES
5/11/01 06:28	bromomethane	RRF=0.027, 44.9	A0C3MW5A, 6A, 7A, 7L, 5I, 6I
	chloromethane	30.3	
	carbon disulfide	33.5	
5/16/01 06:59	acetone	57.9	A0C35SB32L, 32N, 32P
	2-hexanone	32.6	
	2-butanone	40.8	

Notes: (1) – Percent Difference.
RRF = Relative Response Factor

ATTACHMENT A

VALIDATED LABORATORY DATA

ATTACHMENT A-1

VALIDATED LABORATORY DATA FOR GROUNDWATER

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		Sample ID: Lab Sample I Source: SDG: Matrix: Sampled: Validated:	AOC3MW-1 C1E230220001 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-2 C1E230220005 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	Dup of AOC3MW-2 AOC3MW-102 C1E230220006 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-3 C1E230220003 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-4-2 C1E230220004 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
67-64-1	Acetone	ug/L	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon disulfide	ug/L	1 UJ	1.1 J	1 UJ	1 UJ	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 U	2 U	2 U	2 U	2 U
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 U	2 U	2 U	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U
100-42-5	Styrene	ug/L	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1.8 J	1 UJ	1 U	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		Sample ID: Lab Sample I Source: SDG: Matrix: Sampled: Validated:	AOC3MW-1 C1E230220001 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-2 C1E230220005 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	Dup of AOC3MW-2 AOC3MW-102 C1E230220006 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-3 C1E230220003 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-4-2 C1E230220004 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	50 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		Sample ID: Lab Sample I Source: SDG: Matrix: Sampled: Validated:	AOC3MW-1 C1E230220001 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-2 C1E230220005 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	Dup of AOC3MW-2 AOC3MW-102 C1E230220006 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-3 C1E230220003 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-4-2 C1E230220004 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
51-28-5	2,4-Dinitrophenol	ug/L	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	50 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	50 U
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	50 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U
	PESTICIDES						
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.012 J	0.01 JN	0.05 U
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

					Dup of AOC3MW-2		
Schenectady Army Depot		Sample ID:	AOC3MW-1	AOC3MW-2	AOC3MW-102	AOC3MW-3	AOC3MW-4-2
Focused RI		Lab Sample I	C1E230220001	C1E230220005	C1E230220006	C1E230220003	C1E230220004
Validated Groundwater Data		Source:	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh	STL Pittsburgh
May 2001 Sampling		SDG:	SADVA24	SADVA24	SADVA24	SADVA24	SADVA24
SDG: SADVA24		Matrix:	WATER	WATER	WATER	WATER	WATER
		Sampled:	5/22/2001	5/22/2001	5/22/2001	5/22/2001	5/22/2001
		Validated:	7/16/2001	7/16/2001	7/16/2001	7/16/2001	7/16/2001
CAS NO.	COMPOUND	UNITS:					
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		Sample ID: Lab Sample I Source: SDG: Matrix: Sampled: Validated:	AOC3MW-1 C1E230220001 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-2 C1E230220005 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	Dup of AOC3MW-2 AOC3MW-102 C1E230220006 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-3 C1E230220003 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-4-2 C1E230220004 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND	UNITS:					
	PCBS						
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U
	METALS						
7429-90-5	Aluminum	ug/L	16900	2010	2590	10500	122000
7440-36-0	Antimony	ug/L	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U
7440-38-2	Arsenic	ug/L	6.8 J	2 U	2 U	3.5 J	49
7440-39-3	Barium	ug/L	116 J	41.4 J	43 J	80.8 J	695
7440-41-7	Beryllium	ug/L	0.61 J	0.077 U	0.077 U	0.27 J	5.6
7440-43-9	Cadmium	ug/L	0.63 U	0.63 U	0.63 U	0.63 U	2.1 J
7440-70-2	Calcium	ug/L	47400	61800	60900	39000	73000
7440-47-3	Chromium	ug/L	22.6	3.7 J	4.3 J	13.4	189
7440-48-4	Cobalt	ug/L	13.8 J	2.6 U	2.6 U	6.5 J	113
7440-50-8	Copper	ug/L	24.5 J	10.6 J	6.3 J	18.4 J	268
7439-89-6	Iron	ug/L	20500	2310	3070	13100	225000
7439-92-1	Lead	ug/L	10.4	2.7 J	3.4	7.9	91.8
7439-95-4	Magnesium	ug/L	17000	15900	15700	11500	54800
7439-96-5	Manganese	ug/L	594	244	257	437	6390
7439-97-6	Mercury	ug/L	0.11 J	0.066 J	0.054 U	0.054 U	0.4
7440-02-0	Nickel	ug/L	25.8 J	7.9 U	8.9 J	10.3 J	222
7440-09-7	Potassium	ug/L	7730	2810 J	2730 J	5900	27800
7782-49-2	Selenium	ug/L	3.2 U	3.2 U	3.2 U	3.2 U	5.8
7440-22-4	Silver	ug/L	0.75 U	1.1 J	0.75 U	0.75 U	1.4 J
7440-23-5	Sodium	ug/L	33600	37800	36400	30700	24700
7440-28-0	Thallium	ug/L	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U
7440-62-2	Vanadium	ug/L	31.6 J	5.7 J	5.6 J	17.8 J	203
7440-66-6	Zinc	ug/L	62.6	16.8 J	14.6 J	48.1	667

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		AOC3MW-5 C1E220187002 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC3MW-6 C1E230220002 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-7 C1E220187001 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	TB-1 C1E220187003 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	TB-2 C1E230220008 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND						
	VOLATILES						
67-64-1	Acetone	10 U	10 U	3.1 J		10 U	10 U
71-43-2	Benzene	1 U	1 U	1 U		1 U	1 U
75-27-4	Bromodichloromethane	1 U	1 U	1 U		1 U	1 U
75-25-2	Bromoform	1 U	1 U	1 U		1 U	1 U
74-83-9	Bromomethane	2 UJ	2 UJ	2 UJ		2 UJ	2 UJ
78-93-3	2-Butanone	5 U	5 U	5 U		5 U	5 U
75-15-0	Carbon disulfide	1 U	1 U	1 U		1 UJ	1 UJ
56-23-5	Carbon tetrachloride	1 U	1 U	1 U		1 U	1 U
108-90-7	Chlorobenzene	1 U	1 U	1 U		1 U	1 U
124-48-1	Dibromochloromethane	1 U	1 U	1 U		1 U	1 U
75-00-3	Chloroethane	2 U	2 U	2 U		2 UJ	2 U
67-66-3	Chloroform	1 U	1 U	1 U		1 U	1 U
74-87-3	Chloromethane	2 U	2 U	2 U		2 U	2 U
75-34-3	1,1-Dichloroethane	1 U	1 U	1 U		1 U	1 U
107-06-2	1,2-Dichloroethane	1 U	1 U	1 U		1 U	1 U
75-35-4	1,1-Dichloroethene	1 U	1 U	1 U		1 U	1 U
540-59-0	1,2-Dichloroethene (total)	1.7	1 U	1 U		1 U	1 U
78-87-5	1,2-Dichloropropane	1 U	1 U	1 U		1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	1 U	1 U	1 U		1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	1 U	1 U	1 U		1 U	1 U
100-41-4	Ethylbenzene	1 U	1 U	1 U		1 U	1 U
591-78-6	2-Hexanone	5 U	5 U	5 U		5 U	5 U
75-09-2	Methylene chloride	2 U	2 U	2 U		2 U	2 U
108-10-1	4-Methyl-2-pentanone	5 U	5 U	5 U		5 U	5 U
100-42-5	Styrene	1 U	1 U	1 U		1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	1 U	1 U	1 U		1 U	1 U
127-18-4	Tetrachloroethene	1 U	1 U	1 U		1 U	1 U
108-88-3	Toluene	1 U	1 U	1 U		1 U	1 U
71-55-6	1,1,1-Trichloroethane	1 U	1 U	1 U		1 U	1 U
79-00-5	1,1,2-Trichloroethane	1 U	1 U	1 U		1 U	1 U
79-01-6	Trichloroethene	4.8	1 U	1 U		1 U	1 U
75-01-4	Vinyl chloride	2 U	2 U	2 U		2 U	2 U
1330-20-7	Xylenes (total)	1 U	1 U	1 U		1 U	1 U

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		AOC3MW-5 C1E220187002 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC3MW-6 C1E230220002 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-7 C1E220187001 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	TB-1 C1E220187003 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	TB-2 C1E230220008 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND						
	SEMIVOLATILES						
83-32-9	Acenaphthene	10 U	10 U	10 U			
208-96-8	Acenaphthylene	10 U	10 U	10 U			
120-12-7	Anthracene	10 U	10 U	10 U			
56-55-3	Benzo(a)anthracene	10 U	10 U	10 U			
50-32-8	Benzo(a)pyrene	10 U	10 U	10 U			
205-99-2	Benzo(b)fluoranthene	10 U	10 U	10 U			
207-08-9	Benzo(k)fluoranthene	10 U	10 U	10 U			
191-24-2	Benzo(ghi)perylene	10 U	10 U	10 U			
111-91-1	bis(2-Chloroethoxy)methane	10 U	10 U	10 U			
111-44-4	bis(2-Chloroethyl) ether	10 U	10 U	10 U			
117-81-7	bis(2-Ethylhexyl) phthalate	10 U	10 U	5.2 J			
101-55-3	4-Bromophenyl phenyl ether	10 U	10 U	10 U			
85-68-7	Butyl benzyl phthalate	10 U	10 U	10 U			
86-74-8	Carbazole	10 U	10 U	10 U			
106-47-8	4-Chloroaniline	10 U	10 U	10 U			
59-50-7	4-Chloro-3-methylphenol	10 U	10 U	10 U			
91-58-7	2-Chloronaphthalene	10 U	10 U	10 U			
95-57-8	2-Chlorophenol	10 U	10 U	10 U			
7005-72-3	4-Chlorophenyl phenyl ether	10 U	10 U	10 U			
218-01-9	Chrysene	10 U	10 U	10 U			
53-70-3	Dibenz(a,h)anthracene	10 U	10 U	10 U			
132-64-9	Dibenzofuran	10 U	10 U	10 U			
95-50-1	1,2-Dichlorobenzene	10 U	10 U	10 U			
541-73-1	1,3-Dichlorobenzene	10 U	10 U	10 U			
106-46-7	1,4-Dichlorobenzene	10 U	10 U	10 U			
91-94-1	3,3'-Dichlorobenzidine	50 U	50 U	50 U			
120-83-2	2,4-Dichlorophenol	10 U	10 U	10 U			
84-66-2	Diethyl phthalate	10 U	10 U	10 U			
105-67-9	2,4-Dimethylphenol	10 U	10 U	10 U			
131-11-3	Dimethyl phthalate	10 U	10 U	10 U			
84-74-2	Di-n-butyl phthalate	10 U	10 U	1.6 J			
117-84-0	Di-n-octyl phthalate	10 U	10 U	10 U			

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		AOC3MW-5 C1E220187002 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC3MW-6 C1E230220002 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-7 C1E220187001 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	TB-1 C1E220187003 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	TB-2 C1E230220008 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND						
	SEMIVOLATILES						
51-28-5	2,4-Dinitrophenol	50 U	50 UJ	50 U			
534-52-1	4,6-Dinitro-2-methylphenol	50 U	50 U	50 U			
121-14-2	2,4-Dinitrotoluene	10 U	10 U	10 U			
606-20-2	2,6-Dinitrotoluene	10 U	10 U	10 U			
206-44-0	Fluoranthene	10 U	10 U	10 U			
86-73-7	Fluorene	10 U	10 U	10 U			
118-74-1	Hexachlorobenzene	10 U	10 U	10 U			
87-68-3	Hexachlorobutadiene	10 U	10 U	10 U			
77-47-4	Hexachlorocyclopentadiene	50 U	50 U	50 U			
67-72-1	Hexachloroethane	10 U	10 U	10 U			
193-39-5	Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U			
78-59-1	Isophorone	10 U	10 U	10 U			
91-57-6	2-Methylnaphthalene	10 U	10 U	10 U			
95-48-7	2-Methylphenol	10 U	10 U	10 U			
106-44-5	4-Methylphenol	10 U	10 U	10 U			
91-20-3	Naphthalene	10 U	10 U	10 U			
88-74-4	2-Nitroaniline	50 U	50 U	50 U			
99-09-2	3-Nitroaniline	50 U	50 U	50 U			
100-01-6	4-Nitroaniline	50 U	50 U	50 U			
98-95-3	Nitrobenzene	10 U	10 U	10 U			
88-75-5	2-Nitrophenol	10 U	10 U	10 U			
100-02-7	4-Nitrophenol	50 U	50 U	50 U			
621-64-7	N-Nitrosodi-n-propylamine	10 U	10 U	10 U			
86-30-6	N-Nitrosodiphenylamine	10 U	10 U	10 U			
108-60-1	2,2'-oxybis(1-Chloropropane)	10 U	10 U	10 U			
87-86-5	Pentachlorophenol	50 U	50 U	50 U			
85-01-8	Phenanthrene	10 U	10 U	10 U			
108-95-2	Phenol	10 U	10 U	10 U			
129-00-0	Pyrene	10 U	10 U	10 U			
120-82-1	1,2,4-Trichlorobenzene	10 U	10 U	10 U			
95-95-4	2,4,5-Trichlorophenol	10 U	10 U	10 U			
88-06-2	2,4,6-Trichlorophenol	10 U	10 U	10 U			
	PESTICIDES						
319-84-6	alpha-BHC	0.05 U	0.05 U	0.05 U			
319-85-7	beta-BHC	0.05 U	0.05 U	0.05 U			
319-86-8	delta-BHC	0.05 U	0.05 U	0.05 U			
58-89-9	gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U			
76-44-8	Heptachlor	0.05 U	0.05 U	0.05 U			
309-00-2	Aldrin	0.05 U	0.05 U	0.05 U			
1024-57-3	Heptachlor epoxide	0.05 U	0.05 U	0.05 U			
959-98-8	Endosulfan I	0.05 U	0.05 U	0.05 U			
60-57-1	Dieldrin	0.05 U	0.05 U	0.05 U			
72-55-9	4,4'-DDE	0.05 U	0.05 U	0.05 U			
72-20-8	Endrin	0.05 U	0.05 U	0.05 U			
53494-70-5	Endrin ketone	0.05 U	0.05 U	0.05 U			
7421-93-4	Endrin aldehyde	0.05 U	0.05 U	0.05 U			
33213-65-9	Endosulfan II	0.05 U	0.05 U	0.05 U			
72-54-8	4,4'-DDD	0.05 U	0.05 U	0.05 U			
1031-07-8	Endosulfan sulfate	0.05 U	0.05 U	0.05 U			
50-29-3	4,4'-DDT	0.05 U	0.05 U	0.05 U			
72-43-5	Methoxychlor	0.1 U	0.1 U	0.1 U			
5103-71-9	alpha-Chlordane	0.05 U	0.05 U	0.05 U			

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		AOC3MW-5 C1E220187002 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC3MW-6 C1E230220002 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-7 C1E220187001 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	TB-1 C1E220187003 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	TB-2 C1E230220008 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND						
5103-74-2	gamma-Chlordane	0.05 U	0.05 U	0.05 U			
8001-35-2	Toxaphene	2 U	2 U	2 U			

Schenectady Army Depot Focused RI Validated Groundwater Data May 2001 Sampling SDG: SADVA24		AOC3MW-5 C1E220187002 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC3MW-6 C1E230220002 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	AOC3MW-7 C1E220187001 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	AOC9MW-9 C1E230220007 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001	TB-1 C1E220187003 STL Pittsburgh SADVA24 WATER 5/21/2001 7/16/2001	TB-2 C1E230220008 STL Pittsburgh SADVA24 WATER 5/22/2001 7/16/2001
CAS NO.	COMPOUND						
	PCBS						
12674-11-2	Aroclor 1016	1 U	1 U	1 U			
11104-28-2	Aroclor 1221	1 U	1 U	1 U			
11141-16-5	Aroclor 1232	1 U	1 U	1 U			
53469-21-9	Aroclor 1242	1 U	1 U	1 U			
12672-29-6	Aroclor 1248	1 U	1 U	1 U			
11097-69-1	Aroclor 1254	1 U	1 U	1 U			
11096-82-5	Aroclor 1260	1 U	1 U	1 U			
	METALS						
7429-90-5	Aluminum	5220	21100	15700	3450		
7440-36-0	Antimony	4.1 U	4.1 U	4.1 U	4.1 U		
7440-38-2	Arsenic	2.4 J	8.4 J	6.3 J	8.9 J		
7440-39-3	Barium	51.2 J	143 J	119 J	75 J		
7440-41-7	Beryllium	0.077 U	0.72 J	0.53 J	0.077 U		
7440-43-9	Cadmium	0.63 U	0.63 U	0.63 U	0.63 U		
7440-70-2	Calcium	49600	48900	58000	141000		
7440-47-3	Chromium	7.9 J	24.9	18.9	5.2 J		
7440-48-4	Cobalt	3.6 J	14.6 J	12.6 J	3.5 J		
7440-50-8	Copper	10.7 J	33.6	25.7	6 J		
7439-89-6	Iron	6610	26900	20200	12200		
7439-92-1	Lead	4.9	13.7	11.1	2.1 J		
7439-95-4	Magnesium	12800	15200	16500	33200		
7439-96-5	Manganese	276	685	610	1500		
7439-97-6	Mercury	0.054 U	0.054 U	0.054 U	0.054 U		
7440-02-0	Nickel	7.9 U	21.6 J	25.5 J	7.9 U		
7440-09-7	Potassium	4040 J	8010	6640	1410 J		
7782-49-2	Selenium	3.2 U	4.7 J	3.2 U	3.2 U		
7440-22-4	Silver	0.75 U	0.75 U	0.75 U	0.75 U		
7440-23-5	Sodium	36200	17100	31900	42000		
7440-28-0	Thallium	5.7 U	5.7 U	5.7 U	5.7 U		
7440-62-2	Vanadium	10.4 J	37.2 J	29.5 J	9.1 J		
7440-66-6	Zinc	36.7	101	79.5	30.1		

ATTACHMENT A-2

VALIDATED LABORATORY DATA FOR SOIL

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		Sample ID: Depth: Lab Sample Source: SDG: Matrix: Sampled: Validated:	AOC3MW5A 0-2' C1E080129002 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW5I 16-18' C1E100127004 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW6A 0-2' C1E080129003 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW6I 16-18/ C1E100127006 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW7A 0-2' C1E080129001 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
67-64-1	Acetone	ug/kg	24 U	23 U	23 U	23 U	23 U
71-43-2	Benzene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
75-27-4	Bromodichloromethane	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
75-25-2	Bromoform	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
74-83-9	Bromomethane	ug/kg	R	R	R	R	R
78-93-3	2-Butanone	ug/kg	24 U	23 U	23 U	23 U	23 U
75-15-0	Carbon disulfide	ug/kg	6.1 UJ	5.9 UJ	5.6 UJ	5.7 UJ	5.7 UJ
56-23-5	Carbon tetrachloride	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
108-90-7	Chlorobenzene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
124-48-1	Dibromochloromethane	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
75-00-3	Chloroethane	ug/kg	12 U	12 U	11 U	11 U	11 U
67-66-3	Chloroform	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
74-87-3	Chloromethane	ug/kg	12 UJ	12 UJ	11 UJ	11 UJ	11 UJ
75-34-3	1,1-Dichloroethane	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
107-06-2	1,2-Dichloroethane	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
75-35-4	1,1-Dichloroethene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
78-87-5	1,2-Dichloropropane	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
100-41-4	Ethylbenzene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
591-78-6	2-Hexanone	ug/kg	24 U	23 U	23 U	23 U	23 U
75-09-2	Methylene chloride	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
108-10-1	4-Methyl-2-pentanone	ug/kg	24 U	23 U	23 U	23 U	23 U
100-42-5	Styrene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
127-18-4	Tetrachloroethene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
108-88-3	Toluene	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
71-55-6	1,1,1-Trichloroethane	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
79-00-5	1,1,2-Trichloroethane	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U
79-01-6	Trichloroethene	ug/kg	6.1 U	5.5 J	5.6 U	5.7 U	5.7 U
75-01-4	Vinyl chloride	ug/kg	12 U	12 U	11 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	6.1 U	5.9 U	5.6 U	5.7 U	5.7 U

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		Sample ID: Depth: Lab Sample Source: SDG: Matrix: Sampled: Validated:	AOC3MW5A 0-2' C1E080129002 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW5I 16-18' C1E100127004 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW6A 0-2' C1E080129003 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW6I 16-18/ C1E100127006 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW7A 0-2' C1E080129001 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
83-32-9	Acenaphthene	ug/kg	2000 U	390 U	370 U	380 U	380 U
208-96-8	Acenaphthylene	ug/kg	2000 U	390 U	370 U	380 U	380 U
120-12-7	Anthracene	ug/kg	2000 U	390 U	370 U	380 U	380 U
56-55-3	Benzo(a)anthracene	ug/kg	2000 U	390 U	370 U	380 U	45 J
50-32-8	Benzo(a)pyrene	ug/kg	2000 U	390 U	370 U	380 U	47 J
205-99-2	Benzo(b)fluoranthene	ug/kg	2000 U	390 U	370 U	380 U	41 J
207-08-9	Benzo(k)fluoranthene	ug/kg	2000 U	390 U	370 U	380 U	380 U
191-24-2	Benzo(ghi)perylene	ug/kg	2000 U	390 U	370 U	380 U	380 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	2000 U	390 U	370 U	380 U	380 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	2000 U	390 U	370 U	380 U	380 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	2000 U	480	83 J	130 J	380 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	2000 U	390 U	370 U	380 U	380 U
85-68-7	Butyl benzyl phthalate	ug/kg	2000 U	390 U	370 U	380 U	380 U
86-74-8	Carbazole	ug/kg	2000 U	390 U	370 U	380 U	380 U
106-47-8	4-Chloroaniline	ug/kg	2000 U	390 U	370 U	380 U	380 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
91-58-7	2-Chloronaphthalene	ug/kg	2000 U	390 U	370 U	380 U	380 U
95-57-8	2-Chlorophenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	2000 U	390 U	370 U	380 U	380 U
218-01-9	Chrysene	ug/kg	2000 U	390 U	370 U	380 U	58 J
53-70-3	Dibenz(a,h)anthracene	ug/kg	2000 U	390 U	370 U	380 U	380 U
132-64-9	Dibenzofuran	ug/kg	2000 U	390 U	370 U	380 U	380 U
95-50-1	1,2-Dichlorobenzene	ug/kg	2000 U	390 U	370 U	380 U	380 U
541-73-1	1,3-Dichlorobenzene	ug/kg	2000 U	390 U	370 U	380 U	380 U
106-46-7	1,4-Dichlorobenzene	ug/kg	2000 U	390 U	370 U	380 U	380 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	9800 U	1900 U	1800 U	1800 U	1800 U
120-83-2	2,4-Dichlorophenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
84-66-2	Diethyl phthalate	ug/kg	2000 U	390 U	370 U	380 U	380 U
105-67-9	2,4-Dimethylphenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
131-11-3	Dimethyl phthalate	ug/kg	2000 U	390 U	370 U	380 U	380 U
84-74-2	Di-n-butyl phthalate	ug/kg	2000 U	390 U	370 U	380 U	380 U
117-84-0	Di-n-octyl phthalate	ug/kg	2000 U	390 U	370 U	380 U	380 U

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		Sample ID: Depth: Lab Sample Source: SDG: Matrix: Sampled: Validated:	AOC3MW5A 0-2' C1E080129002 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW5I 16-18' C1E100127004 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW6A 0-2' C1E080129003 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW6I 16-18/ C1E100127006 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW7A 0-2' C1E080129001 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES CONT'D						
51-28-5	2,4-Dinitrophenol	ug/kg	9800 U	1900 UJ	1800 U	1800 UJ	1800 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	9800 U	1900 UJ	1800 U	1800 U	1800 U
121-14-2	2,4-Dinitrotoluene	ug/kg	2000 U	390 U	370 U	380 U	380 U
606-20-2	2,6-Dinitrotoluene	ug/kg	2000 U	390 U	370 U	380 U	380 U
206-44-0	Fluoranthene	ug/kg	260 J	390 U	54 J	380 U	110 J
86-73-7	Fluorene	ug/kg	2000 U	390 U	370 U	380 U	380 U
118-74-1	Hexachlorobenzene	ug/kg	2000 U	390 U	370 U	380 U	380 U
87-68-3	Hexachlorobutadiene	ug/kg	2000 U	390 U	370 U	380 U	380 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	9800 U	1900 U	1800 U	1800 U	1800 U
67-72-1	Hexachloroethane	ug/kg	2000 U	390 U	370 U	380 U	380 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	2000 U	390 U	370 U	380 U	380 U
78-59-1	Isophorone	ug/kg	2000 U	390 U	370 U	380 U	380 U
91-57-6	2-Methylnaphthalene	ug/kg	2000 U	390 U	370 U	380 U	380 U
95-48-7	2-Methylphenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
106-44-5	4-Methylphenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
91-20-3	Naphthalene	ug/kg	2000 U	390 U	370 U	380 U	380 U
88-74-4	2-Nitroaniline	ug/kg	9800 U	1900 U	1800 U	1800 U	1800 U
99-09-2	3-Nitroaniline	ug/kg	9800 U	1900 U	1800 U	1800 U	1800 U
100-01-6	4-Nitroaniline	ug/kg	9800 U	1900 U	1800 U	1800 U	1800 U
98-95-3	Nitrobenzene	ug/kg	2000 U	390 U	370 U	380 U	380 U
88-75-5	2-Nitrophenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
100-02-7	4-Nitrophenol	ug/kg	9800 U	1900 U	1800 U	1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	2000 U	390 U	370 U	380 U	380 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	2000 U	390 U	370 U	380 U	380 U
108-60-1	2,2'-oxybis(1-Chloropropane	ug/kg	2000 U	390 U	370 U	380 U	380 U
87-86-5	Pentachlorophenol	ug/kg	9800 U	1900 U	1800 U	1800 U	1800 U
85-01-8	Phenanthrene	ug/kg	2000 U	390 U	370 U	380 U	49 J
108-95-2	Phenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
129-00-0	Pyrene	ug/kg	2000 U	390 U	370 U	380 U	77 J
120-82-1	1,2,4-Trichlorobenzene	ug/kg	2000 U	390 U	370 U	380 U	380 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	2000 U	390 U	370 U	380 U	380 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	2000 U	390 U	370 U	380 U	380 U

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		Sample ID: Depth: Lab Sample Source: SDG: Matrix: Sampled: Validated:	AOC3MW5A 0-2' C1E080129002 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW5I 16-18' C1E100127004 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW6A 0-2' C1E080129003 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW6I 16-18/ C1E100127006 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW7A 0-2' C1E080129001 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:					
	PESTICIDES						
319-84-6	alpha-BHC	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
319-85-7	beta-BHC	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
319-86-8	delta-BHC	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
76-44-8	Heptachlor	ug/kg	2.1 U	2 U	1.9 U	2 U	0.17 J
309-00-2	Aldrin	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
1024-57-3	Heptachlor epoxide	ug/kg	2.1 U	2 U	1.9 U	2 U	0.3 J
959-98-8	Endosulfan I	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
60-57-1	Dieldrin	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
72-55-9	4,4'-DDE	ug/kg	0.76 JN	0.18 JN	2	0.13 JN	1.7 J
72-20-8	Endrin	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
53494-70-5	Endrin ketone	ug/kg	2.1 U	2 U	0.74 J	2 U	0.99 J
7421-93-4	Endrin aldehyde	ug/kg	0.35 JN	2 U	0.48 JN	0.55 JN	0.74 JN
33213-65-9	Endosulfan II	ug/kg	0.12 JN	2 U	1.9 U	2 U	1.9 U
72-54-8	4,4'-DDD	ug/kg	2.1 U	2 U	0.2 JN	0.28 JN	1.3 J
1031-07-8	Endosulfan sulfate	ug/kg	0.18 JN	2 U	0.091 JN	2 U	0.3 JN
50-29-3	4,4'-DDT	ug/kg	0.53 JN	2 U	1.8 J	0.43 J	2.9
72-43-5	Methoxychlor	ug/kg	4 U	3.9 U	0.32 JN	3.8 U	0.4 JN
5103-71-9	alpha-Chlordane	ug/kg	2.1 U	2 U	1.9 U	2 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	2.1 U	2 U	1.9 U	2 U	0.1 JN
8001-35-2	Toxaphene	ug/kg	82 U	79 U	76 U	77 U	76 U

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		Sample ID: Depth: Lab Sample Source: SDG: Matrix: Sampled: Validated:	AOC3MW5A 0-2' C1E080129002 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW5I 16-18' C1E100127004 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW6A 0-2' C1E080129003 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001	AOC3MW6I 16-18/ C1E100127006 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3MW7A 0-2' C1E080129001 STL Pittsburgh SADVA23 SOIL 5/7/2001 7/15/2001
CAS NO.	COMPOUND	UNITS:					
	PCBS						
12674-11-2	Aroclor 1016	ug/kg	40 U	39 U	37 U	38 U	38 U
11104-28-2	Aroclor 1221	ug/kg	40 U	39 U	37 U	38 U	38 U
11141-16-5	Aroclor 1232	ug/kg	40 U	39 U	37 U	38 U	38 U
53469-21-9	Aroclor 1242	ug/kg	40 U	39 U	37 U	38 U	38 U
12672-29-6	Aroclor 1248	ug/kg	40 U	39 U	37 U	38 U	38 U
11097-69-1	Aroclor 1254	ug/kg	40 U	39 U	37 U	38 U	38 U
11096-82-5	Aroclor 1260	ug/kg	40 U	39 U	37 U	38 U	38 U
	METALS						
7429-90-5	Aluminum	mg/kg	5300	12100	12100	11700	11600
7440-36-0	Antimony	mg/kg	0.53 J	0.48 UJ	0.46 UJ	0.47 UJ	0.47 UJ
7440-38-2	Arsenic	mg/kg	5.1	6.2	13.4	5.7	6.4
7440-39-3	Barium	mg/kg	29.7	44	76.3	39.7	78.5
7440-41-7	Beryllium	mg/kg	0.31 J	0.6	0.62	0.56 J	0.6
7440-43-9	Cadmium	mg/kg	0.15 J	0.074 U	0.11 J	0.073 U	0.17 J
7440-70-2	Calcium	mg/kg	86000	2960	2030	2500	1600
7440-47-3	Chromium	mg/kg	9.5	19.1	16.1	16.8	18.2
7440-48-4	Cobalt	mg/kg	5.8 J	16.1	11.6	13.7	11.2
7440-50-8	Copper	mg/kg	13.1	30.9	16.7	29.7	17.7
7439-89-6	Iron	mg/kg	13300	32200	24500	30500	24800
7439-92-1	Lead	mg/kg	8.8	12.6	22.1	9.8	22.3
7439-95-4	Magnesium	mg/kg	40900	5850	3660	5680	3610
7439-96-5	Manganese	mg/kg	311	694	755	563	948
7439-97-6	Mercury	mg/kg	0.019 J	0.026 J	0.045	0.035 J	0.039
7440-02-0	Nickel	mg/kg	11.7	32.3	19.4	27.1	21.5
7440-09-7	Potassium	mg/kg	983	1210	1030	1020	816
7782-49-2	Selenium	mg/kg	0.39 U	0.37 U	0.98	0.37 U	0.85
7440-22-4	Silver	mg/kg	0.092 U	0.12 J	0.087 J	0.086 U	0.25 J
7440-23-5	Sodium	mg/kg	148 J	109 J	55.7 J	85.3 J	54.7 J
7440-28-0	Thallium	mg/kg	0.7 U	0.67 U	0.65 U	0.66 U	0.66 U
7440-62-2	Vanadium	mg/kg	24	20.5	21.9	19.2	23.7
7440-66-6	Zinc	mg/kg	40.6 J	89 J	72.7 J	91.3 J	65.1 J
	OTHER						
Q1082	Percent Solids	%	81.9	85.2	88.7	87.1	87.7

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		AOC3MW7L 22-24' C1E100127001 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3MW7N 24-28' C1E100127002 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND					
	VOLATILES					
67-64-1	Acetone	24 U		23 UJ	23 UJ	22 UJ
71-43-2	Benzene	6 U		5.8 U	5.7 U	5.6 U
75-27-4	Bromodichloromethane	6 U		5.8 U	5.7 U	5.6 U
75-25-2	Bromoform	6 U		5.8 U	5.7 U	5.6 U
74-83-9	Bromomethane	R		12 U	11 U	11 U
78-93-3	2-Butanone	24 U		23 UJ	23 UJ	22 UJ
75-15-0	Carbon disulfide	6 UJ		5.8 U	5.7 U	5.6 U
56-23-5	Carbon tetrachloride	6 U		5.8 U	5.7 U	5.6 U
108-90-7	Chlorobenzene	6 U		6.2	5.7 U	5.6 U
124-48-1	Dibromochloromethane	6 U		5.8 U	5.7 U	5.6 U
75-00-3	Chloroethane	12 U		12 U	11 U	11 U
67-66-3	Chloroform	6 U		5.8 U	5.7 U	5.6 U
74-87-3	Chloromethane	12 UJ		12 U	11 U	11 U
75-34-3	1,1-Dichloroethane	6 U		5.8 U	5.7 U	5.6 U
107-06-2	1,2-Dichloroethane	6 U		5.8 U	5.7 U	5.6 U
75-35-4	1,1-Dichloroethene	6 U		5.8 U	5.7 U	5.6 U
540-59-0	1,2-Dichloroethene (total)	6 U		5.8 U	5.7 U	5.6 U
78-87-5	1,2-Dichloropropane	6 U		5.8 U	5.7 U	5.6 U
10061-01-5	cis-1,3-Dichloropropene	6 U		5.8 U	5.7 U	5.6 U
10061-02-6	trans-1,3-Dichloropropene	6 U		5.8 U	5.7 U	5.6 U
100-41-4	Ethylbenzene	6 U		3.9 J	5.7 U	5.6 U
591-78-6	2-Hexanone	24 U		23 UJ	23 UJ	22 UJ
75-09-2	Methylene chloride	6 U		5.8 U	5.7 U	5.6 U
108-10-1	4-Methyl-2-pentanone	24 U		23 U	23 U	22 U
100-42-5	Styrene	6 U		5.8 U	5.7 U	5.6 U
79-34-5	1,1,2,2-Tetrachloroethane	6 U		5.8 U	5.7 U	5.6 U
127-18-4	Tetrachloroethene	6 U		5.8 U	5.7 U	5.6 U
108-88-3	Toluene	6 U		5.8 U	5.7 U	5.6 U
71-55-6	1,1,1-Trichloroethane	6 U		5.8 U	5.7 U	5.6 U
79-00-5	1,1,2-Trichloroethane	6 U		5.8 U	5.7 U	5.6 U
79-01-6	Trichloroethene	6 U		5.8 U	2.8 J	5.6 U
75-01-4	Vinyl chloride	12 U		12 U	11 U	11 U
1330-20-7	Xylenes (total)	6 U		11	5.7 U	5.6 U

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		AOC3MW7L 22-24' C1E100127001 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3MW7N 24-28' C1E100127002 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND					
	SEMIVOLATILES					
83-32-9	Acenaphthene		470 U	660 J	370 U	370 U
208-96-8	Acenaphthylene		470 U	3800 U	370 U	370 U
120-12-7	Anthracene		470 U	3800 U	370 U	370 U
56-55-3	Benzo(a)anthracene		470 U	3800 U	370 U	370 U
50-32-8	Benzo(a)pyrene		470 U	3800 U	370 U	370 U
205-99-2	Benzo(b)fluoranthene		470 U	3800 U	370 U	370 U
207-08-9	Benzo(k)fluoranthene		470 U	3800 U	370 U	370 U
191-24-2	Benzo(ghi)perylene		470 U	3800 U	370 U	370 U
111-91-1	bis(2-Chloroethoxy)methane		470 U	3800 U	370 U	370 U
111-44-4	bis(2-Chloroethyl) ether		470 U	3800 U	370 U	370 U
117-81-7	bis(2-Ethylhexyl) phthalate		1400	610 J	600	220 J
101-55-3	4-Bromophenyl phenyl ether		470 U	3800 U	370 U	370 U
85-68-7	Butyl benzyl phthalate		470 U	3800 U	370 U	370 U
86-74-8	Carbazole		470 U	3800 U	370 U	370 U
106-47-8	4-Chloroaniline		470 U	3800 U	370 U	370 U
59-50-7	4-Chloro-3-methylphenol		470 U	3800 U	370 U	370 U
91-58-7	2-Chloronaphthalene		470 U	3800 U	370 U	370 U
95-57-8	2-Chlorophenol		470 U	3800 U	370 U	370 U
7005-72-3	4-Chlorophenyl phenyl ether		470 U	3800 U	370 U	370 U
218-01-9	Chrysene		470 U	3800 U	370 U	370 U
53-70-3	Dibenz(a,h)anthracene		470 U	3800 U	370 U	370 U
132-64-9	Dibenzofuran		470 U	700 J	370 U	370 U
95-50-1	1,2-Dichlorobenzene		470 U	740 J	370 U	370 U
541-73-1	1,3-Dichlorobenzene		470 U	440 J	370 U	370 U
106-46-7	1,4-Dichlorobenzene		470 U	3100 J	370 U	370 U
91-94-1	3,3'-Dichlorobenzidine		2300 U	19000 U	1800 U	1800 U
120-83-2	2,4-Dichlorophenol		470 U	3800 U	370 U	370 U
84-66-2	Diethyl phthalate		470 U	3800 U	370 U	370 U
105-67-9	2,4-Dimethylphenol		470 U	3800 U	370 U	370 U
131-11-3	Dimethyl phthalate		470 U	3800 U	370 U	370 U
84-74-2	Di-n-butyl phthalate		470 U	3800 U	370 U	370 U
117-84-0	Di-n-octyl phthalate		470 U	3800 U	370 U	370 U

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		AOC3MW7L 22-24' C1E100127001 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3MW7N 24-28' C1E100127002 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND					
	SEMIVOLATILES CONT'D					
51-28-5	2,4-Dinitrophenol		2300 UJ	19000 UJ	1800 UJ	1800 UJ
534-52-1	4,6-Dinitro-2-methylphenol		2300 UJ	19000 U	1800 U	1800 U
121-14-2	2,4-Dinitrotoluene		470 U	3800 U	370 U	370 U
606-20-2	2,6-Dinitrotoluene		470 U	3800 U	370 U	370 U
206-44-0	Fluoranthene		470 U	3800 U	370 U	370 U
86-73-7	Fluorene		470 U	1100 J	370 U	370 U
118-74-1	Hexachlorobenzene		470 U	3800 U	370 U	370 U
87-68-3	Hexachlorobutadiene		470 U	3800 U	370 U	370 U
77-47-4	Hexachlorocyclopentadiene		2300 U	19000 U	1800 U	1800 U
67-72-1	Hexachloroethane		470 U	3800 U	370 U	370 U
193-39-5	Indeno(1,2,3-cd)pyrene		470 U	3800 U	370 U	370 U
78-59-1	Isophorone		470 U	3800 U	370 U	370 U
91-57-6	2-Methylnaphthalene		470 U	22000	370 U	370 U
95-48-7	2-Methylphenol		470 U	3800 U	370 U	370 U
106-44-5	4-Methylphenol		470 U	3800 U	370 U	370 U
91-20-3	Naphthalene		470 U	7600	370 U	370 U
88-74-4	2-Nitroaniline		2300 U	19000 U	1800 U	1800 U
99-09-2	3-Nitroaniline		2300 U	19000 U	1800 U	1800 U
100-01-6	4-Nitroaniline		2300 U	19000 U	1800 U	1800 U
98-95-3	Nitrobenzene		470 U	3800 U	370 U	370 U
88-75-5	2-Nitrophenol		470 U	3800 U	370 U	370 U
100-02-7	4-Nitrophenol		2300 U	19000 U	1800 U	1800 U
621-64-7	N-Nitrosodi-n-propylamine		470 U	3800 U	370 U	370 U
86-30-6	N-Nitrosodiphenylamine		470 U	3800 U	370 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)		470 U	3800 U	370 U	370 U
87-86-5	Pentachlorophenol		2300 U	19000 U	1800 U	1800 U
85-01-8	Phenanthrene		470 U	2600 J	370 U	370 U
108-95-2	Phenol		470 U	3800 U	370 U	370 U
129-00-0	Pyrene		470 U	3800 U	370 U	370 U
120-82-1	1,2,4-Trichlorobenzene		470 U	3800 U	370 U	370 U
95-95-4	2,4,5-Trichlorophenol		470 U	3800 U	370 U	370 U
88-06-2	2,4,6-Trichlorophenol		470 U	3800 U	370 U	370 U

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		AOC3MW7L 22-24' C1E100127001 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3MW7N 24-28' C1E100127002 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND					
	PESTICIDES					
319-84-6	alpha-BHC		2.4 U	0.98 JN	1.9 U	1.9 U
319-85-7	beta-BHC		2.4 U	7.9 U	1.9 U	1.9 U
319-86-8	delta-BHC		2.4 U	7.9 U	1.9 U	1.9 U
58-89-9	gamma-BHC (Lindane)		2.4 U	7.9 U	1.9 U	1.9 U
76-44-8	Heptachlor		2.4 U	7.9 U	1.9 U	1.9 U
309-00-2	Aldrin		2.4 U	7.9 U	1.9 U	1.9 U
1024-57-3	Heptachlor epoxide		2.4 U	7.9 U	1.9 U	1.9 U
959-98-8	Endosulfan I		2.4 U	7.9 U	1.9 U	1.9 U
60-57-1	Dieldrin		2.4 U	7.9 U	1.9 U	1.9 U
72-55-9	4,4'-DDE		0.16 JN	12 JN	1.9 U	1.9 U
72-20-8	Endrin		2.4 U	13	1.9 U	1.9 U
53494-70-5	Endrin ketone		2.4 U	7.9 U	1.9 U	1.9 U
7421-93-4	Endrin aldehyde		2.4 U	12 JN	1.9 U	1.9 U
33213-65-9	Endosulfan II		2.4 U	48 JN	0.73 JN	0.085 JN
72-54-8	4,4'-DDD		2.4 U	48	0.76 JN	1.9 U
1031-07-8	Endosulfan sulfate		2.4 U	7.9 U	1.9 U	0.15 JN
50-29-3	4,4'-DDT		2.4 U	17 JN	0.64 JN	0.31 J
72-43-5	Methoxychlor		4.7 U	44 JN	3.7 U	3.7 U
5103-71-9	alpha-Chlordane		2.4 U	7.9 U	1.9 U	1.9 U
5103-74-2	gamma-Chlordane		2.4 U	7.9 U	1.9 U	1.9 U
8001-35-2	Toxaphene		96 U	310 U	76 U	75 U

Schenectady Army Depot Focused RI Validated Soil Data May 2001 Sampling SDG: SADVA23		AOC3MW7L 22-24' C1E100127001 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3MW7N 24-28' C1E100127002 STL Pittsburgh SADVA23 SOIL 5/8/2001 7/15/2001	AOC3SB32L 23-25' C1E110154001 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32N 27-29' C1E110154002 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001	AOC3SB32P 31-33' C1E110154003 STL Pittsburgh SADVA23 SOIL 5/9/2001 7/15/2001
CAS NO.	COMPOUND					
	PCBS					
12674-11-2	Aroclor 1016		47 U	38 U	37 U	37 U
11104-28-2	Aroclor 1221		47 U	38 U	37 U	37 U
11141-16-5	Aroclor 1232		47 U	38 U	37 U	37 U
53469-21-9	Aroclor 1242		47 U	450	37 U	37 U
12672-29-6	Aroclor 1248		47 U	38 U	37 U	37 U
11097-69-1	Aroclor 1254		47 U	38 U	37 U	37 U
11096-82-5	Aroclor 1260		47 U	610	37 U	37 U
	METALS					
7429-90-5	Aluminum		15100	11000	10800	10300
7440-36-0	Antimony		0.59 UJ	0.48 UJ	0.47 UJ	0.46 UJ
7440-38-2	Arsenic		7.8	5.5	6.5	5.8
7440-39-3	Barium		56.6	36.7	33.7	29
7440-41-7	Beryllium		0.73	0.53 J	0.5 J	0.57
7440-43-9	Cadmium		0.091 U	0.073 U	0.13 J	0.071 U
7440-70-2	Calcium		4740	1850	6620	40300
7440-47-3	Chromium		25.2	17.6	16.9	16.6
7440-48-4	Cobalt		20.1	14.5	15.3	12.6
7440-50-8	Copper		37.3	32.3	31.7	34.8
7439-89-6	Iron		39000	28900	30400	27500
7439-92-1	Lead		15.2	14.9	11.9	10.4
7439-95-4	Magnesium		7030	5830	6680	16700
7439-96-5	Manganese		1030	301	306	414
7439-97-6	Mercury		0.055	0.01 U	0.031 J	0.02 J
7440-02-0	Nickel		37.5	29.2	29.9	26.9
7440-09-7	Potassium		1530	1140	1030	1410
7782-49-2	Selenium		0.57 J	0.37 U	0.36 U	0.56 J
7440-22-4	Silver		0.13 J	0.11 J	0.085 U	0.084 U
7440-23-5	Sodium		126 J	92.5 J	93.4 J	121 J
7440-28-0	Thallium		1.7 U	0.67 U	1.3 U	1.3 U
7440-62-2	Vanadium		26.7	18.9	18.8	19.1
7440-66-6	Zinc		111 J	80.8 J	81.4 J	93.6 J
	OTHER					
Q1082	Percent Solids	83.7	69.7	86.2	88.1	89.5

DATA USABILITY SUMMARY REPORT

DLA/DNSC SCHENECTADY ARMY DEPOT

Prepared For:

UNITED STATES ARMY CORPS OF ENGINEERS

Schenectady Army Depot
Schenectady, New York

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SECTION 1

DATA USABILITY SUMMARY

Groundwater and soil samples collected from the Schenectady site in Schenectady, New York from October 22, 2001 through November 8, 2001. Analytical results from these samples were validated and reviewed by Parsons (Maryanne Kosciewicz) for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP) dated September 1989 with October 1995 revisions, and
- USEPA Region II Standard Operating Procedures (SOP) in "CLP Organics Data Review and Preliminary Review," SOP No. HW-6, Revision #8, January 1992, and "Evaluation of Metals Data for the CLP Based on SOW 3/90," SOP No. HW-2, Revision #11, January 1992.

The analytical laboratories for this project were Severn Trent Laboratories, Inc. (STL) and Microseeps Laboratory (Microseeps).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 23 days on average for water and soil samples.

The data packages received from STL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports, which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

Water and soil samples were collected, properly preserved, shipped under a COC record, and received at STL within one day of sampling. All samples were received intact and in good condition at STL.

1.3 LABORATORY ANALYTICAL METHODS

Water and soil samples were collected from the Schenectady site and analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides and polychlorinated biphenyls (PCBs), and metals. Water samples were also analyzed for total organic carbon (TOC), chloride, nitrate, sulfate, and ferrous iron. Summaries of issues concerning these laboratory analyses are presented in Subsections

1.3.1 through 1.3.5. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by media in Attachment A.

1.3.1 Volatile Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for target compound list (TCL) VOCs using the NYSDEC ASP 8260B analytical method. Certain reported results for the TCL VOC samples were qualified as estimated due to noncompliant instrument calibrations. Certain reported TCL VOC sample results were considered unusable and qualified "R" due to poor instrument calibration linearity. Therefore, the reported TCL VOC analytical results were 97% to 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.2 Semivolatile Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for TCL SVOCs using the NYSDEC ASP 8270C analytical method. Certain reported results for the TCL SVOC samples were qualified as estimated due to noncompliant instrument calibrations. Therefore, the reported TCL SVOC analytical results were considered 100% complete with all data being usable and valid for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.3 Pesticide/PCB Organic Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for TCL pesticide/PCBs using the NYSDEC ASP 8081A and 8082 analytical methods. Certain reported results for the TCL pesticide/PCB samples were qualified as estimated due to noncompliant sample result identifications. Therefore, the reported pesticide/PCB analytical results were considered 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.4 Metals Analysis

The water and soil samples collected from the Schenectady site were analyzed by STL for target analyte list (TAL) metals using the NYSDEC ASP 6010B/7470A /7471A analytical methods. Certain reported results for the metals samples were qualified as estimated due to noncompliant matrix spike recoveries and serial dilutions. Therefore, the reported TAL metals analytical results were 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.5 Wet Chemistry Analysis

The water samples collected from the Schenectady site were analyzed by STL for TOC, chloride, nitrate, and sulfate using the NYSDEC ASP 415.1, 300.0, 353.2, 300.0, and analytical methods, respectively. In addition, the water samples were analyzed by Microseeps for ferrous iron using the NYSDEC ASP 315.0 analytical method. All calibrations, laboratory blanks, holding times, matrix spikes, duplicates, and control samples were reviewed for compliance. The reported sample results did not require qualification resulting from data validation. All of the analytical data for these samples were considered usable and 100% complete for the data presented by STL. PARCC requirements were met overall..

SECTION 2

DATA VALIDATION REPORTS

2.1 GROUNDWATER

Data review has been completed for data packages generated by STL containing groundwater samples collected from the Schenectady site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-1.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 TCL Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike blank (MSB) recoveries
- Laboratory method blank and trip blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination and initial calibrations.

Blank Contamination

The field QC trip blank TB-1 associated with all groundwater samples contained acetone at a concentration of 2.7 μg/L. Therefore, all acetone sample results less than the validation action concentration of 27 μg/L were considered not detected and qualified "U".

Initial Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30% with the exception of chloroethane (34.7%RSD), 4-methyl-2-pentanone (38.9%RSD), and 2-hexanone (41.2%RSD) for the initial calibration associated with all groundwater samples. The sample results for these noncompliant compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Usability

All TCL volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater volatile data presented by STL were 100% complete with all data considered usable and valid. The validated volatile laboratory data are tabulated and presented in Attachment A-1.

2.1.2 TCL Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MSB recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times

- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of initial calibrations.

Initial Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of 2,4-dinitrophenol (36.1%RSD) for the initial calibration associated with all groundwater samples. Therefore, sample results for this noncompliant compound were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Usability

All TCL semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater semivolatile data presented by STL were 100% complete with all data considered usable and valid. The validated semivolatile laboratory data are tabulated and presented in Attachment A-1.

2.1.3 TCL Pesticides/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MSB recoveries
- Laboratory method blank contamination
- Sample result verification and identification
- Initial calibrations
- Performance evaluation mixtures
- Verification calibrations
- 4,4'-DDT/endrin breakdown

- Analytical sequence
- Cleanup efficiency
- Chromatogram quality
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of sample result identifications.

Sample Result Identification

All positive pesticide sample results were confirmed present using second column confirmation and verified within retention time windows. The %Ds of the sample concentrations for all compounds between the primary and confirmation columns were less than 25% with the exception of endrin aldehyde for sample AOC3-MW-8 (284%D). Therefore, the positive result for this compound for this sample was considered estimated, tentatively identified, and qualified "JN".

Usability

All TCL pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater pesticide/PCB data presented by STL were 100% complete with all data were considered usable and valid. The validated data are tabulated and presented in Attachment A-1.

2.1.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries

- Laboratory duplicate precision
- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of matrix spike recoveries and serial dilutions.

Matrix Spike Recoveries

All the MS recoveries were within the 75-125%R control limits and have concentrations less than four times the spiking concentration, with the exception of the high recoveries for aluminum (147.1%R and 156.1%R) associated with all groundwater samples. Positive aluminum sample results were considered estimated, possibly biased high, and qualified "J".

ICP Serial Dilutions

QC serial dilution results for target metals were compliant with percent differences (%Ds) less than 10% with the exception of manganese (10.3%D) associated with all groundwater samples. Therefore, all positive manganese results greater than ten times the instrument detection limit for manganese (7.5 μg/L) were considered estimated and qualified "J" for these samples.

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater metals data presented by STL were 100% complete with all data considered valid and usable. The validated metals laboratory data are tabulated and presented in Attachment A-1.

2.2 SOIL

Data review has been completed for data packages generated by STL containing soil samples collected from the Schenectady site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.2-1. All of these samples were properly preserved, shipped under a COC record,

and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-2.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.2.1 TCL Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of initial and continuing calibrations and internal standards.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of bromomethane (RRF = 0.044) and acetone (42.2%RSD) on the initial calibration associated with all soil samples. The sample results for acetone which was outside the 30% RSD QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive sample results for bromomethane which was outside the RRF criteria were considered estimated and qualified "J", while nondetected results were considered unusable and qualified "R" for the affected samples.

All continuing calibration compounds were complaint with a minimum RRF of 0.05 and a maximum percent difference (%D) of ± 25%, with the exceptions noted in Table 2.2-2. The sample results for those noncompliant compounds which were outside the ±25%D QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive sample results for those noncompliant compounds which were outside the RRF criteria or with %D greater than or equal to 90% were considered estimated and qualified "J", while nondetected results were considered unusable and qualified "R" for the affected samples.

Internal Standards

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample's area counts within –50% to +100% and retention times within ±0.5 minutes of the standard) with the exception of the extremely low area count for IS 1,4-dichlorobenzene-d4 in sample MW-8N (25949; QC limit 82885-331540). This sample was reanalyzed and experienced similar IS responses upon reanalysis confirming the presence of matrix effects. However, validation qualification of sample MW-8N was not warranted since this noncompliant IS was not associated with any TCL volatiles.

Usability

All TCL volatile sample results were considered usable following data validation with the exception of those nondetected bromomethane results mentioned above due to poor calibration linearity.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness and comparability. The soil TCL volatile data presented by STL were 97% complete (i.e., usable). The validated TCL volatile laboratory data are tabulated and presented in Attachment A-2.

2.2.2 TCL Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination

- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of blank contamination and initial calibrations.

Blank Contamination

The laboratory method blank EMN9Q1AA associated with all soil samples contained bis(2-ethyl hexyl)phthalate at a concentration of 300 μg/kg. Therefore, all bis(2-ethyl hexyl)phthalate sample results less than the validation action of 3,000 μg/kg were considered not detected and qualified "U".

Initial Calibrations

All initial calibrations were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30%, with the exception of 2-4,dinitrophenol (49.8%RSD) and 4,6-dinitro-2-methylphenol (33.6%RSD) on the initial calibration associated with all soil samples. The sample results for these noncompliant compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Usability

All TCL semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness and comparability. The soil TCL semivolatile data presented by STL were 100% complete with all data considered usable and valid. The validated TCL semivolatile laboratory data are tabulated and presented in Attachment A-2.

2.2.3 TCL Pesticides/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation

- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank contamination
- Sample result verification and identification
- Initial calibrations
- Performance evaluation mixtures
- Verification calibrations
- 4,4'-DDT/endrin breakdown
- Analytical sequence
- Cleanup efficiency
- Chromatogram quality
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of sample result identification.

Sample Result Identification

All positive pesticide sample results were confirmed present using second column confirmation and verified within retention time windows. The %Ds of sample concentrations between the primary and confirmation columns were less than 25% with the exception of endrin for MW-9A (76.1%D); endosulfan II for MW-9A (240.2%D) and MW-8A (212.2%D); dieldrin for MW-9M (630.7%D); and endosulfan sulfate for MW-8A (79.1%D). Therefore, the positive results for these compounds where the %D was greater than 50% were considered estimated, tentatively identified, and qualified "JN".

Usability

All TCL pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The soil

pesticide/PCB data presented by STL were 100% complete with all data considered usable and valid. The validated data were tabulated and presented in Attachment A-2.

2.2.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination and matrix spike recoveries.

Blank Contamination

The laboratory blank associated with all soil samples contained iron at a concentration of 39.5 mg/kg. Therefore, all iron sample results less than the validation action concentration of 197.5 mg/kg were considered not detected and qualified "U".

Matrix Spike Recoveries

All the MS recoveries were within the 75-125% control limits and have concentrations less than four times the spiking concentration, with the exception of the recoveries for antimony (37.4%R and 36.2%R) and calcium (209.7%R) associated with all soil samples. All antimony sample results were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ". Positive calcium sample results were considered estimated, possibly biased high, and qualified "J".

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals data presented by STL were 100% complete with all data considered usable and valid. The validated metals laboratory data are tabulated and presented in Attachment A-2.

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY

WATER – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDE/PCBs	TAL METALS	OTHER[1]
TB-1	WATER	11/8/01	OK				
A0C3MW1	WATER	11/8/01	OK	OK	OK	OK	OK
A0C3MW2	WATER	11/8/01	OK	OK	OK	OK	OK
A0C3MW3	WATER	11/8/01	OK	OK	OK	OK	OK
A0C3MW4-2	WATER	11/8/01	OK	OK	OK	OK	OK
A0C3MW8	WATER	11/8/01	OK	OK	OK	OK	OK
A0C3MW9	WATER	11/8/01	OK	OK	OK	OK	OK
TOTAL SAMPLES:			7	6	6	6	6

NOTES: OK - Sample analysis considered valid and usable.
1 - Sample analysis includes TOC, chloride, nitrate, sulfate, and ferrous iron.

TABLE 2.2-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY

SOIL – SCHENECTADY

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	TCL PESTICIDES/ PCBs	TAL METALS
MW-9A	Soil	10/22/01	NO	OK	OK	OK
MW-9M	Soil	10/22/01	NO	OK	OK	OK
MW-8A	Soil	10/22/01	NO	OK	OK	OK
MW-8N	Soil	10/23/01	NO	OK	OK	OK
	TOTAL SAMPLES		4	4	4	4

NOTES: OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES:
(1) Poor volatile calibration linearity for certain compounds.

TABLE 2.2-2

TCL VOLATILE CONTINUING CALIBRATION OUTLIERS

SOIL – SCHENECTADY

CONTINUING CALIBRATION DATE – TIME	COMPOUND	%D (1)	AFFECTED SAMPLES
10/24/01 06:55	bromomethane	RRF=0.029, 34.1	MW-9A, 9M, 8A
	methylene chloride	40.4	
	acetone	43.0	
	4-methyl-2-pentanone	40.8	
10/25/01 06:50	bromomethane	RRF=0.028, 36.4	MW-8N
	acetone	34.4	
	4-methyl-2-pentanone	48.6	
10/26/01 06:57	bromomethane	RRF=0.036	MW-8NRE
	acetone	25.4	
	4-methyl-2-pentanone	52.2	
	2-hexanone	27.6	

Notes: (1) – Percent Difference.
RRF = Relative Response Factor

ATTACHMENT A

VALIDATED LABORATORY DATA

ATTACHMENT A-1

VALIDATED LABORATORY DATA FOR GROUNDWATER

Schenectady Army Depot Focused RI Validated Groundwater Data November 2001 Sampling SDG: SADVA26		Sample ID: Lab Sample Source: SDG: Matrix: Sampled: Validated:	AOC3-MW-1 C1K090189002 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-2 C1K090189003 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-3 C1K090189001 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-4-2 C1K090189006 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-8 C1K090189005 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-9 C1K090189004 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	TB-1 C1K090189007 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
67-64-1	Acetone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	2.7 J
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon disulfide	ug/L	1 U	0.78 J	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	6.1	1.7	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
100-42-5	Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	0.46 J	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	3.7	1 U	1 U	8.1	5.3	1 U
75-01-4	Vinyl chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1330-20-7	Xylenes (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Schenectady Army Depot Focused RI Validated Groundwater Data November 2001 Sampling SDG: SADVA26		Sample ID: Lab Sample Source: SDG: Matrix: Sampled: Validated:	AOC3-MW-1 C1K090189002 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-2 C1K090189003 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-3 C1K090189001 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-4-2 C1K090189006 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-8 C1K090189005 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	AOC3-MW-9 C1K090189004 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001	TB-1 C1K090189007 STL Pittsburgh SADVA26 WATER 11/8/2001 12/14/2001
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
56-55-3	Benzo(a)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
50-32-8	Benzo(a)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
205-99-2	Benzo(b)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
207-08-9	Benzo(k)fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
191-24-2	Benzo(ghi)perylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
111-44-4	bis(2-Chloroethyl) ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
53-70-3	Dibenz(a,h)anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
91-94-1	3,3'-Dichlorobenzidine	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	

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CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES CONT'D								
51-28-5	2,4-Dinitrophenol	ug/L	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
77-47-4	Hexachlorocyclopentadiene	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
88-74-4	2-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	
99-09-2	3-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	
100-01-6	4-Nitroaniline	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
100-02-7	4-Nitrophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	
621-64-7	N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
87-86-5	Pentachlorophenol	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	

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CAS NO.	COMPOUND	UNITS:							
	PESTICIDES								
319-84-6	alpha-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-86-8	delta-BHC	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
76-44-8	Heptachlor	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
309-00-2	Aldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
959-98-8	Endosulfan I	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-55-9	4,4'-DDE	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-20-8	Endrin	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
53494-70-5	Endrin ketone	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
7421-93-4	Endrin aldehyde	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.026 JN	0.05 U	
33213-65-9	Endosulfan II	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-54-8	4,4'-DDD	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
1031-07-8	Endosulfan sulfate	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
50-29-3	4,4'-DDT	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-43-5	Methoxychlor	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
8001-35-2	Toxaphene	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	
	PCBS								
12674-11-2	Aroclor 1016	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor 1221	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
11141-16-5	Aroclor 1232	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor 1242	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor 1248	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor 1254	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor 1260	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	

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CAS NO.	COMPOUND	UNITS:							
	METALS								
7429-90-5	Aluminum	ug/L	2090 J	7840 J	5330 J	10700 J	1330 J	2870 J	
7440-36-0	Antimony	ug/L	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	
7440-38-2	Arsenic	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	
7440-39-3	Barium	ug/L	35.5 J	77.1 J	55.9 J	89.1 J	41.3 J	39.7 J	
7440-41-7	Beryllium	ug/L	0.077 U	0.29 J	0.13 J	0.4 J	0.15 J	0.11 J	
7440-43-9	Cadmium	ug/L	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	
7440-70-2	Calcium	ug/L	61400	72900	53500	73100	65800	57400	
7440-47-3	Chromium	ug/L	3.1 J	9.6 J	6.6 J	14.4	2.1 J	4.3 J	
7440-48-4	Cobalt	ug/L	2.6 U	2.6 U	2.6 U	5.3 J	4.9 J	3.8 J	
7440-50-8	Copper	ug/L	10.3 J	8.6 J	14.2 J	15.6 J	1.7 J	5.1 J	
7439-89-6	Iron	ug/L	2280	8390	6120	13100	1470	3500	
7439-92-1	Lead	ug/L	1.8 U	4.7	4.4	7.6	1.8 U	2.9 J	
7439-95-4	Magnesium	ug/L	16600	17100	13600	15700	13300	13500	
7439-96-5	Manganese	ug/L	71.7 J	396 J	218 J	329 J	585 J	782 J	
7439-97-6	Mercury	ug/L	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	
7440-02-0	Nickel	ug/L	7.9 U	10.2 J	8.3 J	15 J	7.9 U	9.3 J	
7440-09-7	Potassium	ug/L	2660 J	5200	4740 J	6490	3630 J	4920 J	
7782-49-2	Selenium	ug/L	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	
7440-22-4	Silver	ug/L	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	
7440-23-5	Sodium	ug/L	37100	41000	36700	35400	37000	38000	
7440-28-0	Thallium	ug/L	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	
7440-62-2	Vanadium	ug/L	5.4 J	15.4 J	11.1 J	20.5 J	4.1 U	5.3 J	
7440-66-6	Zinc	ug/L	9.9 J	25.4	21.1	80.5	6.7 J	12.8 J	
	OTHER								
7440-44-0	TOC	mg/L	1.7	1.9	2.6	3.6	2.2	2.5	
Q138	Chloride	mg/L	61.4	70.8	83.7	83.9	53.9	65.4	
Q479	Nitrate	mg/L	0.61	1.9	0.17	0.23	0.1 U	0.22	
Q605	Sulfate	mg/L	63.1	53.2	38.7	28.2	34.1	48	

ATTACHMENT A-2

VALIDATED LABORATORY DATA FOR SOIL

Schenectady Army Depot Focused RI Validated Soil Data November 2001 Sampling SDG: SADVA25		Sample ID: Lab Sample Source: SDG: Matrix: Sampled: Validated:	MW-8A C1J230223003 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001	MW-8N C1J240196001 STL Pittsburgh SADVA25 SOIL 10/23/2001 12/14/2001	MW-9A C1J230223001 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001	MW-9M C1J230223002 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
67-64-1	Acetone	ug/kg	23 UJ	23 UJ	21 UJ	23 UJ
71-43-2	Benzene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
75-27-4	Bromodichloromethane	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
75-25-2	Bromoform	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
74-83-9	Bromomethane	ug/kg	R	R	R	R
78-93-3	2-Butanone	ug/kg	23 U	23 U	21 U	23 U
75-15-0	Carbon disulfide	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
56-23-5	Carbon tetrachloride	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
108-90-7	Chlorobenzene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
124-48-1	Dibromochloromethane	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
75-00-3	Chloroethane	ug/kg	11 U	12 U	10 U	12 U
67-66-3	Chloroform	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
74-87-3	Chloromethane	ug/kg	11 U	12 U	10 U	12 U
75-34-3	1,1-Dichloroethane	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
107-06-2	1,2-Dichloroethane	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
75-35-4	1,1-Dichloroethene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.7 U	5.8 U	5.1 U	14
78-87-5	1,2-Dichloropropane	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
100-41-4	Ethylbenzene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
591-78-6	2-Hexanone	ug/kg	23 U	23 U	21 U	23 U
75-09-2	Methylene chloride	ug/kg	5.7 UJ	5.8 U	5.1 UJ	5.8 UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	23 UJ	23 UJ	21 UJ	23 UJ
100-42-5	Styrene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
127-18-4	Tetrachloroethene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
108-88-3	Toluene	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
71-55-6	1,1,1-Trichloroethane	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U
79-01-6	Trichloroethene	ug/kg	5.7 U	2.1 J	5.1 U	18
75-01-4	Vinyl chloride	ug/kg	11 U	12 U	10 U	12 U
1330-20-7	Xylenes (total)	ug/kg	5.7 U	5.8 U	5.1 U	5.8 U

Schenectady Army Depot Focused RI Validated Soil Data November 2001 Sampling SDG: SADVA25		Sample ID: Lab Sample Source: SDG: Matrix: Sampled: Validated:	MW-8A C1J230223003 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001	MW-8N C1J240196001 STL Pittsburgh SADVA25 SOIL 10/23/2001 12/14/2001	MW-9A C1J230223001 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001	MW-9M C1J230223002 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
83-32-9	Acenaphthene	ug/kg	370 U	380 U	340 U	380 U
208-96-8	Acenaphthylene	ug/kg	370 U	380 U	340 U	380 U
120-12-7	Anthracene	ug/kg	370 U	380 U	340 U	380 U
56-55-3	Benzo(a)anthracene	ug/kg	370 U	380 U	72 J	380 U
50-32-8	Benzo(a)pyrene	ug/kg	370 U	380 U	74 J	380 U
205-99-2	Benzo(b)fluoranthene	ug/kg	31 J	380 U	68 J	380 U
207-08-9	Benzo(k)fluoranthene	ug/kg	45 J	380 U	84 J	380 U
191-24-2	Benzo(ghi)perylene	ug/kg	370 U	380 U	48 J	380 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	370 U	380 U	340 U	380 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	370 U	380 U	340 U	380 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	370 U	380 U	340 U	380 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	370 U	380 U	340 U	380 U
85-68-7	Butyl benzyl phthalate	ug/kg	370 U	380 U	340 U	380 U
86-74-8	Carbazole	ug/kg	370 U	380 U	340 U	380 U
106-47-8	4-Chloroaniline	ug/kg	370 U	380 U	340 U	380 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	370 U	380 U	340 U	380 U
91-58-7	2-Chloronaphthalene	ug/kg	370 U	380 U	340 U	380 U
95-57-8	2-Chlorophenol	ug/kg	370 U	380 U	340 U	380 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	370 U	380 U	340 U	380 U
218-01-9	Chrysene	ug/kg	48 J	380 U	97 J	380 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	370 U	380 U	340 U	380 U
132-64-9	Dibenzofuran	ug/kg	370 U	380 U	340 U	380 U
95-50-1	1,2-Dichlorobenzene	ug/kg	370 U	380 U	340 U	380 U
541-73-1	1,3-Dichlorobenzene	ug/kg	370 U	380 U	340 U	380 U
106-46-7	1,4-Dichlorobenzene	ug/kg	370 U	380 U	340 U	380 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1800 U	1800 U	1600 U	1900 U
120-83-2	2,4-Dichlorophenol	ug/kg	370 U	380 U	340 U	380 U
84-66-2	Diethyl phthalate	ug/kg	370 U	380 U	340 U	380 U
105-67-9	2,4-Dimethylphenol	ug/kg	370 U	380 U	340 U	380 U
131-11-3	Dimethyl phthalate	ug/kg	370 U	380 U	340 U	380 U
84-74-2	Di-n-butyl phthalate	ug/kg	370 U	380 U	340 U	380 U
117-84-0	Di-n-octyl phthalate	ug/kg	370 U	380 U	340 U	380 U

Schenectady Army Depot Focused RI Validated Soil Data November 2001 Sampling SDG: SADVA25		Sample ID: Lab Sample Source: SDG: Matrix: Sampled: Validated:	MW-8A C1J230223003 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001	MW-8N C1J240196001 STL Pittsburgh SADVA25 SOIL 10/23/2001 12/14/2001	MW-9A C1J230223001 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001	MW-9M C1J230223002 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES CONT'D					
51-28-5	2,4-Dinitrophenol	ug/kg	1800 UJ	1800 UJ	1600 UJ	1900 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1800 UJ	1800 UJ	1600 UJ	1900 UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	370 U	380 U	340 U	380 U
606-20-2	2,6-Dinitrotoluene	ug/kg	370 U	380 U	340 U	380 U
206-44-0	Fluoranthene	ug/kg	90 J	380 U	170 J	380 U
86-73-7	Fluorene	ug/kg	370 U	380 U	340 U	380 U
118-74-1	Hexachlorobenzene	ug/kg	370 U	380 U	340 U	380 U
87-68-3	Hexachlorobutadiene	ug/kg	370 U	380 U	340 U	380 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1800 U	1800 U	1600 U	1900 U
67-72-1	Hexachloroethane	ug/kg	370 U	380 U	340 U	380 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	370 U	380 U	46 J	380 U
78-59-1	Isophorone	ug/kg	370 U	380 U	340 U	380 U
91-57-6	2-Methylnaphthalene	ug/kg	370 U	380 U	340 U	380 U
95-48-7	2-Methylphenol	ug/kg	370 U	380 U	340 U	380 U
106-44-5	4-Methylphenol	ug/kg	370 U	380 U	340 U	380 U
91-20-3	Naphthalene	ug/kg	370 U	380 U	340 U	380 U
88-74-4	2-Nitroaniline	ug/kg	1800 U	1800 U	1600 U	1900 U
99-09-2	3-Nitroaniline	ug/kg	1800 U	1800 U	1600 U	1900 U
100-01-6	4-Nitroaniline	ug/kg	1800 U	1800 U	1600 U	1900 U
98-95-3	Nitrobenzene	ug/kg	370 U	380 U	340 U	380 U
88-75-5	2-Nitrophenol	ug/kg	370 U	380 U	340 U	380 U
100-02-7	4-Nitrophenol	ug/kg	1800 U	1800 U	1600 U	1900 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	370 U	380 U	340 U	380 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	370 U	380 U	340 U	380 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	370 U	380 U	340 U	380 U
87-86-5	Pentachlorophenol	ug/kg	1800 U	1800 U	1600 U	1900 U
85-01-8	Phenanthrene	ug/kg	370 U	380 U	89 J	380 U
108-95-2	Phenol	ug/kg	370 U	380 U	340 U	380 U
129-00-0	Pyrene	ug/kg	49 J	380 U	110 J	380 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	370 U	380 U	340 U	380 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	370 U	380 U	340 U	380 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	370 U	380 U	340 U	380 U

Schenectady Army Depot Focused RI Validated Soil Data November 2001 Sampling SDG: SADVA25		Sample ID: Lab Sample Source: SDG: Matrix: Sampled: Validated:	MW-8A C1J230223003 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001	MW-8N C1J240196001 STL Pittsburgh SADVA25 SOIL 10/23/2001 12/14/2001	MW-9A C1J230223001 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001	MW-9M C1J230223002 STL Pittsburgh SADVA25 SOIL 10/22/2001 12/14/2001
CAS NO.	COMPOUND	UNITS:				
	PESTICIDES					
319-84-6	alpha-BHC	ug/kg	1.9 U	2 U	8.7 U	2 U
319-85-7	beta-BHC	ug/kg	1.9 U	2 U	8.7 U	2 U
319-86-8	delta-BHC	ug/kg	1.9 U	2 U	8.7 U	2 U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	2 U	8.7 U	2 U
76-44-8	Heptachlor	ug/kg	1.9 U	2 U	8.7 U	2 U
309-00-2	Aldrin	ug/kg	1.9 U	2 U	8.7 U	2 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	2 U	8.7 U	2 U
959-98-8	Endosulfan I	ug/kg	1.9 U	2 U	8.7 U	2 U
60-57-1	Dieldrin	ug/kg	1.9 U	2 U	8.7 U	0.1 JN
72-55-9	4,4'-DDE	ug/kg	6.2	2 U	56	2 U
72-20-8	Endrin	ug/kg	1.9 U	2 U	3.5 JN	2 U
53494-70-5	Endrin ketone	ug/kg	1.9 U	2 U	8.7 U	2 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	2 U	8.7 U	2 U
33213-65-9	Endosulfan II	ug/kg	0.14 JN	2 U	5.1 JN	2 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	2 U	8.7 U	2 U
1031-07-8	Endosulfan sulfate	ug/kg	0.27 JN	2 U	8.7 U	2 U
50-29-3	4,4'-DDT	ug/kg	8.3	2 U	41	2 U
72-43-5	Methoxychlor	ug/kg	3.7 U	3.8 U	17 U	3.8 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	2 U	8.7 U	2 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	2 U	8.7 U	2 U
8001-35-2	Toxaphene	ug/kg	76 U	77 U	340 U	78 U
	PCBS					
12674-11-2	Aroclor 1016	ug/kg	37 U	38 U	34 U	38 U
11104-28-2	Aroclor 1221	ug/kg	37 U	38 U	34 U	38 U
11141-16-5	Aroclor 1232	ug/kg	37 U	38 U	34 U	38 U
53469-21-9	Aroclor 1242	ug/kg	37 U	38 U	34 U	38 U
12672-29-6	Aroclor 1248	ug/kg	37 U	38 U	34 U	38 U
11097-69-1	Aroclor 1254	ug/kg	37 U	38 U	34 U	38 U
11096-82-5	Aroclor 1260	ug/kg	37 U	38 U	430	38 U

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CAS NO.	COMPOUND	UNITS:				
	METALS					
7429-90-5	Aluminum	mg/kg	10300	7110	9110	10800
7440-36-0	Antimony	mg/kg	0.47 UJ	0.47 UJ	0.42 UJ	0.48 UJ
7440-38-2	Arsenic	mg/kg	6.2	3.1	6	6.4
7440-39-3	Barium	mg/kg	97.1	22 J	57.9	36.6
7440-41-7	Beryllium	mg/kg	0.57	0.3 J	0.54	0.55 J
7440-43-9	Cadmium	mg/kg	0.37 J	0.18 J	0.16 J	0.18 J
7440-70-2	Calcium	mg/kg	3450 J	29200 J	10500 J	2720 J
7440-47-3	Chromium	mg/kg	14.1	10.6	13.5	41.7
7440-48-4	Cobalt	mg/kg	10.1	7.8	11.3	13.6
7440-50-8	Copper	mg/kg	21.2	18.4	20.5	30.2
7439-89-6	Iron	mg/kg	23700	20400	23600	30900
7439-92-1	Lead	mg/kg	30.9	7.2	24.9	11.7
7439-95-4	Magnesium	mg/kg	3350	9890	4880	5500
7439-96-5	Manganese	mg/kg	629	585	500	491
7439-97-6	Mercury	mg/kg	0.047	0.024 J	0.029 J	0.011 U
7440-02-0	Nickel	mg/kg	16.5	13.1	19.9	26.2
7440-09-7	Potassium	mg/kg	1270	737	931	1050
7782-49-2	Selenium	mg/kg	0.65	0.37 U	0.33 U	0.39 J
7440-22-4	Silver	mg/kg	0.15 J	0.086 U	0.077 U	0.087 U
7440-23-5	Sodium	mg/kg	44.6 J	62.5 J	54.1 J	90.6 J
7440-28-0	Thallium	mg/kg	0.77 J	1.1 J	0.59 U	1.7
7440-62-2	Vanadium	mg/kg	21.1	13.3	19.1	18.8
7440-66-6	Zinc	mg/kg	73	54.1	69.4	82.7
	OTHER					
Q1082	Percent Solids	%	88.4	86.8	97.2	85.8

DATA USABILITY SUMMARY REPORT

FORMER SCHENECTADY ARMY DEPOT

Prepared For:

U.S. ARMY CORPS OF ENGINEERS
HUNTSVILLE CENTER

Prepared By:

PARSONS

JANUARY 2005

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SECTION 1

DATA USABILITY SUMMARY

Groundwater and soil samples were collected from the former Schenectady Army Depot site in Schenectady, New York from November 17, 2004 through December 7, 2004. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs).

The analytical laboratory for this project was Severn Trent Laboratories (STL) in Pittsburgh, Pennsylvania.

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 21 days on average for the samples.

The data packages received from STL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a COC record, and received at STL within one day of sampling. All samples were received intact and in good condition at STL.

1.3 LABORATORY ANALYTICAL METHODS

The groundwater samples were collected from the site and analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and metals. The soil samples were collected and analyzed for VOCs, SVOCs, pesticides, PCBs, metals, and/or pH. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.5. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by media in Attachment A.

1.3.1 Volatile Organic Analysis

Water and soil samples collected from the site were analyzed by STL for target compound list (TCL) VOCs using the USEPA SW-846 8260B analytical method. Certain reported results for the VOC samples were qualified as estimated due to noncompliant instrument calibrations. Therefore, the reported VOC analytical results were 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.2 Semivolatile Organic Analysis

Water and soil samples collected from the site were analyzed by STL for TCL SVOCs using the USEPA SW-846 8270C analytical method. Certain reported results for the TCL SVOC samples were qualified as estimated due to noncompliant instrument calibrations. Therefore, the reported TCL SVOC analytical results were 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.3 Pesticide and PCB Organic Analysis

Water and soil samples collected from the site were analyzed by STL for pesticides and PCBs using the USEPA SW-846 8081A and 8082 analytical methods, respectively. Certain reported results for the pesticide and PCB samples were qualified as estimated due to noncompliant sample result identifications and laboratory control sample recoveries. Therefore, the reported pesticide and PCB analytical results were considered 100% complete with all data considered usable and valid as reported by STL. PARCC requirements were met overall.

1.3.4 Metals Analysis

Water and soil samples collected from the site were analyzed by STL for target analyte list (TAL) metals using the USEPA SW-846 6010B/7470A/7471A analytical methods. Certain reported results for the metals samples were qualified as estimated due to noncompliant matrix spike recoveries. Certain reported metals sample results were considered unusable and qualified “R” due to poor matrix spike recoveries. Therefore, the reported metals data were considered 95.7% to 100% complete (i.e., usable) for the water and soil data presented by STL. PARCC requirements were met overall.

1.3.5 pH Analysis

Five pill samples were collected from the site and analyzed by STL for pH using the USEPA SW-846 9045C analytical method. All calibrations, holding times, laboratory blanks, control samples, and instrumentation were reviewed for compliance. The reported pH sample results did not require qualification resulting from data validation. Therefore, the reported pH analytical results were 100% complete with all data considered usable and valid for the pill samples presented by STL. PARCC requirements were met.

SECTION 2

DATA VALIDATION REPORTS

2.1 GROUNDWATER

Data review has been completed for data packages generated by STL containing groundwater samples collected from the site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-1.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and trip/equipment blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, LCS recoveries, and blank contamination.

MS/MSD Precision and Accuracy

Many MS/MSD precision results (relative percent differences; RPDs) and accuracy results (percent recoveries; %Rs) were considered noncompliant during spiked analyses of SD-GW13-AOC1. Validation qualification of the unspiked sample results for SD-GW13-AOC1 was not warranted due to these noncompliances because surrogate recoveries and internal standard responses for the unspiked sample were compliant.

LCS Recoveries

All LCS recoveries were compliant and within QC acceptance limits with the exception of the high LCS recoveries for bromodichloromethane (134%R; QC limit 75-130%R), bromoform (143%R; QC limit 70-130%R), and carbon tetrachloride (158%R; QC limit 65-140%R) associated with samples TRIP-2 and SD-GW13-AOC1. Validation qualification was not warranted for these samples since these compounds were not detected.

Blank Contamination

The laboratory method blank GOG5A1AA associated with samples collected on 12/6/04 contained methylene chloride at a concentration of 0.58 µg/L. Validation qualification of these samples was not warranted since methylene chloride was not detected.

Usability

All volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile groundwater data presented by STL were 100% complete with all volatile data considered usable and valid. The validated volatile laboratory data are tabulated and presented in Attachment A-1.

2.1.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries

- Laboratory method blank and equipment blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All TCL semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The semivolatile data presented by STL were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A-1.

2.1.3 Pesticide/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and equipment blank contamination
- Sample result verification and identification
- Initial calibrations
- 4,4'-DDT/endrin breakdown
- Verification calibrations
- Chromatogram quality

- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of sample result identification.

Sample Result Identification

All positive sample results were confirmed present using second column confirmation and verified within retention time windows. The percent differences (%Ds) of the sample concentrations between the primary and confirmation columns were less than 25% with the exception of those noncompliant compounds summarized in Table 2.1-2. Therefore, these sample results were considered estimated and qualified "J". However, those sample results where the %D exceeded 50%, were considered estimated, tentatively identified, and qualified "JN".

Usability

All pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The pesticide/ PCB data presented by STL were 100% complete with all data considered usable and valid. The validated data are tabulated and presented in Attachment A-1.

2.1.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, laboratory preparation blank, and equipment blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Post digestion spike recoveries
- Laboratory duplicate precision
- Field duplicate precision

- Laboratory control sample
- ICP serial dilution
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of matrix spike recoveries.

Matrix Spike Recoveries

All the MS recoveries were within the 75-125%R control limits and have unspiked sample concentrations less than four times the spiking concentration with the exception of the 0% recoveries for mercury associated with all groundwater samples. Therefore, the mercury results for these samples which were nondetects, were considered unusable and qualified "R".

Usability

All metals sample results were considered usable following data validation with the exception of the nondetected mercury results due to poor matrix spike recoveries.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The aqueous metals data presented by STL were 95.7% complete (i.e., usable). The validated groundwater metals laboratory data are tabulated and presented in Attachment A-1.

2.2 SOIL

Data review has been completed for data packages generated by STL containing soil samples collected from the site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.2-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-2.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.2.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and equipment blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy and continuing calibrations.

MS/MSD Precision and Accuracy

All MS/MSD precision results (RPDs) and accuracy results (%Rs) were compliant and within QC acceptance limits with the exception of the noncompliant MS/MSD precision results for chloroethane (79%RPD); QC limit 0-24%RPD) and methylene chloride (25%RPD; QC limit 0-20%RPD) during the spiked analysis of SD-GW14DEAOC1; and 0% MS/MSD recoveries during the spiked analyses of SD-TP31AOC2. Validation qualification of the unspiked samples SD-GW14DEAOC1 and SD-TP31AOC2 was not warranted since surrogate recoveries and internal standard responses were compliant confirming the absence of matrix effects. It was noted that the MS/MSD analyses of SD-TP31AOC2 experienced 0% recoveries since these samples as well as the unspiked sample SD-TP31AOC2 were diluted due to large VOC concentrations.

Continuing Calibrations

All continuing calibration compounds were complaint with a minimum RRF of 0.05 and a maximum percent difference (%D) of ± 25%, with the exception of acetone (34.9%D, 34.6%D, 31.8%D) in the continuing calibrations associated with all samples. The sample results for acetone were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

It was noted that the total xylenes result in sample SD-TP31AOC2 exceeded instrument calibration ranges. Therefore, this result was considered estimated and qualified "J".

Usability

All volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness and comparability. The volatile soil data presented by STL were 100% complete (i.e., usable). The validated volatile laboratory soil data are tabulated and presented in Attachment A-2.

2.2.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and field equipment blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols, with the exception of MS/MSD precision and accuracy and initial calibrations.

MS/MSD Precision and Accuracy

There were many noncompliant MS/MSD precision and accuracy results during the spiked analysis of samples SD-TP25AOC2 and SD-GW12AOC1. However, results of the unspiked samples were not affected by these noncompliances and validation

qualification was not warranted since unspiked sample surrogate recoveries and internal standard responses were compliant; thereby, not confirming the presence of matrix interferences in these unspiked samples.

Initial Calibrations

All initial calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %RSD of 30%, with the exception of 2,4-dinitrophenol (30.615%RSD) in the initial calibration associated with sample SD-GW12AOC1. The sample result for this compound which was nondetect, was considered estimated and qualified "UJ" for the affected sample.

Usability

All semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness and comparability. The soil semivolatile data presented by STL were 100% complete (i.e., usable). The validated soil semivolatile laboratory data are tabulated and presented in Attachment A-2.

2.2.3 Pesticides/PCBs

The following items were reviewed for compliancy in the pesticide/PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and field equipment blank contamination
- Sample result verification and identification
- Initial calibrations
- Verification calibrations
- 4,4'-DDT/endrin breakdown
- Chromatogram quality
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, and sample result identification.

Surrogate Recoveries

All sample surrogate recoveries were compliant and within QC acceptance limits with the exception of the high decachlorobiphenyl recovery (QC limit 18-145%R) in pesticide sample SD-TP25AOC2 (465%R). Validation qualification of this sample was not warranted since only one surrogate was noncompliant.

MS/MSD Prevision and Accuracy

All MS/MSD precision (RPD) and accuracy (%R) measurements were compliant and within QC acceptance limits with the exception of many pesticide MS/MSD recoveries during the spiked analyses of SD-TP25AOC2 and SD-GW12CAOC1. Validation qualification of these unspiked samples was not warranted since surrogate recoveries were compliant confirming the absence of matrix effects or unspiked sample concentrations were large masking spiked concentrations.

LCS Recoveries

All LCS recoveries were compliant and within QC acceptance limits with the exception of the low delta-BHC recoveries (29%R, 19%R; QC limit 55-130%R) associated with all samples. Therefore, all results for this noncompliant compound were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Sample Result Identification

All positive sample results were confirmed present using second column confirmation and verified within retention time windows. The percent differences (%Ds) of the sample concentrations between the primary and confirmation columns were less than 25% with the exception of those compounds in Table 2.2-2. Therefore, these results were considered estimated and qualified "J" for the affected samples. Sample results for those compounds where %D exceeded 50% were considered estimated, tentatively identified, and qualified "JN".

Usability

All pesticide/PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The pesticide/PCB data presented by STL were 100% complete with all data considered usable and valid. The validated data are tabulated and presented in Attachment A-2.

2.2.4 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, laboratory preparation blank, and field equipment blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample
- ICP serial dilution
- Post digestion spike recoveries
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of matrix spike recoveries.

Matrix Spike Recoveries

All the MS recoveries were within the 75-125% control limits and have concentrations less than four times the spiking concentration, with the exception of the recoveries for barium (48%R, 70%R), nickel (74%R), lead (74%R), antimony (53%R, 52%R), zinc (73%R), and calcium (168%R) associated with all samples. All sample results for those analytes where recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ". Positive sample results for those analytes where recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J".

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals soil data presented by STL were 100% complete (i.e., usable). The validated soil metals laboratory data are tabulated and presented in Attachment A-2.

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY
FORMER SCHENECTADY ARMY DEPOT - WATER

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	PEST/ PCBs	METALS	FOOTNOTES
SD-GW06-AOC2	WATER	12/6/04	OK	OK	OK	NO	1
SD-GW07-AOC2	WATER	12/6/04	OK	OK	OK	NO	1
TB-01	WATER	12/6/04	OK				
SD-GW13-AOC1	WATER	12/7/04	OK	OK	OK	NO	1
TRIP-2	WATER	12/7/04	OK				
TOTAL SAMPLES:			5	3	3	3	

NOTES: OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 -Poor matrix spike recoveries for mercury.

TABLE 2.1-2

PESTICIDE/PCB SAMPLE RESULT IDENTIFICATION OUTLIERS
FORMER SCHENECTADY ARMY DEPOT - WATER

Sample ID	Compound	%D[(1)]
SD-GW06-AOC2	endosulfan sulfate	493
	methoxychlor	119.8
	alpha-chlordane	90.5
SD-GW13-AOC1	gamma-BHC	999.9
	endrin	206
	4,4'-DDD	32.8
	4,4'-DDT	89.1
	endrin ketone	37
	endrin aldehyde	426.1

Note: 1 - Percent difference.

TABLE 2.2-1
SUMMARY OF SAMPLE ANALYSES AND USABILITY
FORMER SCHENECTADY ARMY DEPOT - SOIL

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	TCL SVOCs	PESTICIDES/ PCBs	METALS	OTHER[(1)]
SD-TP25AOC2	SOIL	11/7/04	OK	OK	OK	OK	
SD-TP31AOC2	SOIL	11/7/04	OK	OK	OK	OK	
SD-GW14DEAOC1	SOIL	11/19/04	OK	OK	OK	OK	
SD-GW12CAOC1	SOIL	11/24/04	OK	OK	OK	OK	
SD-PILLS-1	SOIL	12/7/04					OK
SD-PILLS-2	SOIL	12/7/04					OK
SD-PILLS-3	SOIL	12/7/04					OK
SD-PILLS-4	SOIL	12/7/04					OK
SD-PILLS-5	SOIL	12/7/04					OK
TOTAL SAMPLES			4	4	4	4	5

NOTES:

OK - Sample analysis considered valid and usable.
1 - Sample analysis includes pH.

TABLE 2.2-2
PESTICIDE/PCB SAMPLE RESULT IDENTIFICATION OUTLIERS
FORMER SCHENECTADY ARMY DEPOT – SOIL

Sample ID	Compound	%D[(1)]
SD-TP25AOC2	4,4'-DDD	36.9
	4,4'-DDT	132.1
	methoxychlor	65.2
	endrin ketone	143.3
SD-TP31AOC2	endrin	649.2
	4,4-DDT	973.5

Note: 1 - Percent difference.

ATTACHMENT A

VALIDATED LABORATORY DATA

ATTACHMENT A-1

VALIDATED LABORATORY DATA FOR GROUNDWATER

USACE-Schenectady Depot Validated Groundwater Analytical Data SDG: SADVA29		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW06-AOC2 C4L070288001 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW07-AOC2 C4L070288002 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW13-AOC1 C4L080148001 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005	TB-01 C4L070288003 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	TRIP-2 C4L080148007 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
67-64-1	Acetone	ug/L	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/L	1.5	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	ug/L	10	5 U	5 U	5 U	5 U
75-15-0	Carbon disulfide	ug/L	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	2 U	2 U	2 U	2 U	2 U
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	2 U	2 U	2 U	2 U	2 U
540-59-0	1,2-Dichloroethene (total)	ug/L	2 U	2 U	2 U	2 U	2 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U
100-42-5	Styrene	ug/L	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	2 U	2 U	2 U	2 U	2 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1.1	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	ug/L	0.79 J	3 U	3 U	3 U	3 U

USACE-Schenectady Depot Validated Groundwater Analytical Data SDG: SADVA29		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW06-AOC2 C4L070288001 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW07-AOC2 C4L070288002 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW13-AOC1 C4L080148001 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005	TB-01 C4L070288003 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	TRIP-2 C4L080148007 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
83-32-9	Acenaphthene	ug/L	9.8 U	9.8 U	9.8 U		
208-96-8	Acenaphthylene	ug/L	9.8 U	9.8 U	9.8 U		
120-12-7	Anthracene	ug/L	9.8 U	9.8 U	9.8 U		
56-55-3	Benzo(a)anthracene	ug/L	9.8 U	9.8 U	9.8 U		
50-32-8	Benzo(a)pyrene	ug/L	9.8 U	9.8 U	9.8 U		
205-99-2	Benzo(b)fluoranthene	ug/L	9.8 U	9.8 U	9.8 U		
207-08-9	Benzo(k)fluoranthene	ug/L	9.8 U	9.8 U	9.8 U		
191-24-2	Benzo(ghi)perylene	ug/L	9.8 U	9.8 U	9.8 U		
111-91-1	bis(2-Chloroethoxy)methane	ug/L	9.8 U	9.8 U	9.8 U		
111-44-4	bis(2-Chloroethyl) ether	ug/L	9.8 U	9.8 U	9.8 U		
117-81-7	bis(2-Ethylhexyl) phthalate	ug/L	9.8 U	9.8 U	9.8 U		
101-55-3	4-Bromophenyl phenyl ether	ug/L	9.8 U	9.8 U	9.8 U		
85-68-7	Butyl benzyl phthalate	ug/L	9.8 U	9.8 U	9.8 U		
86-74-8	Carbazole	ug/L	9.8 U	9.8 U	9.8 U		
106-47-8	4-Chloroaniline	ug/L	9.8 U	9.8 U	9.8 U		
59-50-7	4-Chloro-3-methylphenol	ug/L	9.8 U	9.8 U	9.8 U		
91-58-7	2-Chloronaphthalene	ug/L	9.8 U	9.8 U	9.8 U		
95-57-8	2-Chlorophenol	ug/L	9.8 U	9.8 U	9.8 U		
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	9.8 U	9.8 U	9.8 U		
218-01-9	Chrysene	ug/L	9.8 U	9.8 U	9.8 U		
53-70-3	Dibenz(a,h)anthracene	ug/L	9.8 U	9.8 U	9.8 U		
132-64-9	Dibenzofuran	ug/L	9.8 U	9.8 U	9.8 U		
95-50-1	1,2-Dichlorobenzene	ug/L	9.8 U	9.8 U	9.8 U		
541-73-1	1,3-Dichlorobenzene	ug/L	9.8 U	9.8 U	9.8 U		
106-46-7	1,4-Dichlorobenzene	ug/L	9.8 U	9.8 U	9.8 U		
91-94-1	3,3'-Dichlorobenzidine	ug/L	49 U	49 U	49 U		
120-83-2	2,4-Dichlorophenol	ug/L	9.8 U	9.8 U	9.8 U		
84-66-2	Diethyl phthalate	ug/L	9.8 U	9.8 U	9.8 U		
105-67-9	2,4-Dimethylphenol	ug/L	15 U	15 U	15 U		
131-11-3	Dimethyl phthalate	ug/L	9.8 U	9.8 U	9.8 U		
84-74-2	Di-n-butyl phthalate	ug/L	9.8 U	9.8 U	1.1 J		
117-84-0	Di-n-octyl phthalate	ug/L	9.8 U	9.8 U	9.8 U		

USACE-Schenectady Depot Validated Groundwater Analytical Data SDG: SADVA29		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW06-AOC2 C4L070288001 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW07-AOC2 C4L070288002 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW13-AOC1 C4L080148001 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005	TB-01 C4L070288003 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	TRIP-2 C4L080148007 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
51-28-5	2,4-Dinitrophenol	ug/L	49 U	49 U	49 U		
534-52-1	4,6-Dinitro-2-Methylphenol	ug/L	49 U	49 U	49 U		
121-14-2	2,4-Dinitrotoluene	ug/L	9.8 U	9.8 U	9.8 U		
606-20-2	2,6-Dinitrotoluene	ug/L	9.8 U	9.8 U	9.8 U		
206-44-0	Fluoranthene	ug/L	9.8 U	9.8 U	2.5 J		
86-73-7	Fluorene	ug/L	0.13 J	9.8 U	9.8 U		
118-74-1	Hexachlorobenzene	ug/L	9.8 U	9.8 U	9.8 U		
87-68-3	Hexachlorobutadiene	ug/L	9.8 U	9.8 U	9.8 U		
77-47-4	Hexachlorocyclopentadiene	ug/L	150 U	150 U	150 U		
67-72-1	Hexachloroethane	ug/L	9.8 U	9.8 U	9.8 U		
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	9.8 U	9.8 U	9.8 U		
78-59-1	Isophorone	ug/L	9.8 U	9.8 U	9.8 U		
91-57-6	2-Methylnaphthalene	ug/L	0.87 J	9.8 U	9.8 U		
95-48-7	2-Methylphenol	ug/L	9.8 U	9.8 U	9.8 U		
106-44-5	4-Methylphenol	ug/L	9.8 U	9.8 U	9.8 U		
91-20-3	Naphthalene	ug/L	0.65 J	9.8 U	9.8 U		
88-74-4	2-Nitroaniline	ug/L	49 U	49 U	49 U		
99-09-2	3-Nitroaniline	ug/L	49 U	49 U	49 U		
100-01-6	4-Nitroaniline	ug/L	49 U	49 U	49 U		
98-95-3	Nitrobenzene	ug/L	9.8 U	9.8 U	9.8 U		
88-75-5	2-Nitrophenol	ug/L	9.8 U	9.8 U	9.8 U		
100-02-7	4-Nitrophenol	ug/L	49 U	49 U	49 U		
621-64-7	N-Nitrosodi-n-propylamine	ug/L	9.8 U	9.8 U	9.8 U		
86-30-6	N-Nitrosodiphenylamine	ug/L	9.8 U	9.8 U	9.8 U		
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	9.8 U	9.8 U	9.8 U		
87-86-5	Pentachlorophenol	ug/L	49 U	49 U	49 U		
85-01-8	Phenanthrene	ug/L	9.8 U	9.8 U	9.8 U		
108-95-2	Phenol	ug/L	9.8 U	9.8 U	9.8 U		
129-00-0	Pyrene	ug/L	9.8 U	9.8 U	0.95 J		
120-82-1	1,2,4-Trichlorobenzene	ug/L	9.8 U	9.8 U	9.8 U		
95-95-4	2,4,5-Trichlorophenol	ug/L	9.8 U	9.8 U	9.8 U		
88-06-2	2,4,6-Trichlorophenol	ug/L	9.8 U	9.8 U	9.8 U		

USACE-Schenectady Depot Validated Groundwater Analytical Data SDG: SADVA29		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW06-AOC2 C4L070288001 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW07-AOC2 C4L070288002 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW13-AOC1 C4L080148001 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005	TB-01 C4L070288003 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	TRIP-2 C4L080148007 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005
CAS NO.	COMPOUND	UNITS:					
	PESTICIDES						
319-84-6	alpha-BHC	ug/L	0.005 U	0.005 U	0.0023 J		
319-85-7	beta-BHC	ug/L	0.005 U	0.005 U	0.005 U		
319-86-8	delta-BHC	ug/L	0.005 U	0.005 U	0.005 U		
58-89-9	gamma-BHC (Lindane)	ug/L	0.005 U	0.005 U	0.0017 JN		
76-44-8	Heptachlor	ug/L	0.005 U	0.005 U	0.005 U		
309-00-2	Aldrin	ug/L	0.005 U	0.005 U	0.005 U		
1024-57-3	Heptachlor epoxide	ug/L	0.01 U	0.01 U	0.01 U		
959-98-8	Endosulfan I	ug/L	0.005 U	0.005 U	0.005 U		
60-57-1	Dieldrin	ug/L	0.01 U	0.01 U	0.01 U		
72-55-9	4,4'-DDE	ug/L	0.005 U	0.005 U	0.005 U		
72-20-8	Endrin	ug/L	0.005 U	0.005 U	0.0077 JN		
53494-70-5	Endrin Ketone	ug/L	0.005 U	0.005 U	0.0027 JN		
7421-93-4	Endrin aldehyde	ug/L	0.005 U	0.005 U	0.0019 J PG		
33213-65-9	Endosulfan II	ug/L	0.01 U	0.01 U	0.01 U		
72-54-8	4,4'-DDD	ug/L	0.005 U	0.005 U	0.027 J		
1031-07-8	Endosulfan sulfate	ug/L	0.0067 JN	0.01 U	0.01 U		
50-29-3	4,4'-DDT	ug/L	0.005 U	0.002 J	0.014 JN		
72-43-5	Methoxychlor	ug/L	0.0098 JN	0.01 U	0.01 U		
5103-71-9	alpha-Chlordane	ug/L	0.0032 JN	0.01 U	0.01 U		
5103-74-2	gamma-Chlordane	ug/L	0.01 U	0.01 U	0.01 U		
8001-35-2	Toxaphene	ug/L	0.2 U	0.2 U	0.2 U		
	PCBS						
12674-11-2	Aroclor 1016	ug/L	0.2 U	0.2 U	0.98 U		
11104-28-2	Aroclor 1221	ug/L	0.2 U	0.2 U	0.98 U		
11141-16-5	Aroclor 1232	ug/L	0.2 U	0.2 U	0.98 U		
53469-21-9	Aroclor 1242	ug/L	0.1 U	0.1 U	0.49 U		
12672-29-6	Aroclor 1248	ug/L	0.1 U	0.1 U	0.49 U		
11097-69-1	Aroclor 1254	ug/L	0.1 U	0.1 U	0.49 U		
11096-82-5	Aroclor 1260	ug/L	0.2 U	0.2 U	0.98 U		

USACE-Schenectady Depot Validated Groundwater Analytical Data SDG: SADVA29		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW06-AOC2 C4L070288001 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW07-AOC2 C4L070288002 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	SD-GW13-AOC1 C4L080148001 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005	TB-01 C4L070288003 STL Pittsburgh SADVA29 WATER 12/6/2004 1/6/2005	TRIP-2 C4L080148007 STL Pittsburgh SADVA29 WATER 12/7/2004 1/6/2005
CAS NO.	COMPOUND	UNITS:					
	METALS						
7429-90-5(T)	Aluminum	ug/L	38.7 J	230	8 U		
7440-36-0(T)	Antimony	ug/L	3.2 U	3.2 U	3.2 U		
7440-38-2(T)	Arsenic	ug/L	3.3 U	3.3 U	3.3 U		
7440-39-3(T)	Barium	ug/L	102 J	12.9 J	36.5 J		
7440-41-7(T)	Beryllium	ug/L	0.42 U	0.42 U	0.71 J		
7440-43-9(T)	Cadmium	ug/L	0.7 U	0.7 U	0.7 U		
7440-70-2(T)	Calcium	ug/L	108000	459000	441000		
7440-47-3(T)	Chromium	ug/L	0.93 U	0.93 U	7		
7440-48-4(T)	Cobalt	ug/L	0.72 J	0.53 U	0.53 U		
7440-50-8(T)	Copper	ug/L	1.2 U	1.2 U	1.2 J		
7439-89-6(T)	Iron	ug/L	50100	1870	18 U		
7439-92-1(T)	Lead	ug/L	1.6 U	1.6 U	1.6 U		
7439-95-4(T)	Magnesium	ug/L	66500	272000	168000		
7439-96-5(T)	Manganese	ug/L	839	1440	90.2		
7439-97-6(T)	Mercury	ug/L	R	R	R		
7440-02-0(T)	Nickel	ug/L	2.6 J	1.2 J	2.4 J		
7440-09-7(T)	Potassium	ug/L	1990 J	13000	47800		
7782-49-2(T)	Selenium	ug/L	2.6 U	2.6 U	8.4 J		
7440-22-4(T)	Silver	ug/L	0.3 U	0.33 J	0.3 U		
7440-23-5(T)	Sodium	ug/L	65500	41100	74600		
7440-28-0(T)	Thallium	ug/L	4.6 U	4.6 U	4.6 U		
7440-62-2(T)	Vanadium	ug/L	1.7 J	1 U	4.9 J		
7440-66-6(T)	Zinc	ug/L	2.1 J	1.7 U	30.6		
	OTHER						
(FPHSU)	pH	No Units					

ATTACHMENT A-2

VALIDATED LABORATORY DATA FOR SOIL

USACE-Schenectady Depot Validated Soil Analytical Data SDG: SADVA28		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW12C AOC1 C4K240314001 6-8' STL Pittsburgh SADVA28 SOIL 11/23/2004 1/5/2005	SD-GW14DE AOC1 C4K200145001 6-10' STL Pittsburgh SADVA28 SOIL 11/19/2004 1/5/2005	SD-TP25AOC2 C4K180240001 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005	SD-TP31AOC2 C4K180240002 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
67-64-1	Acetone	ug/kg	22 UJ	21 UJ	27 UJ	130 UJ
71-43-2	Benzene	ug/kg	5.5 U	5.3 U	22	180
75-27-4	Bromodichloromethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
75-25-2	Bromoform	ug/kg	5.5 U	5.3 U	6.9 U	33 U
74-83-9	Bromomethane	ug/kg	5.5 U	5.3 U	6.9 U	200
78-93-3	2-Butanone	ug/kg	5.5 U	5.3 U	6.9 U	33 U
75-15-0	Carbon disulfide	ug/kg	5.5 U	5.3 U	6.9 U	33 U
56-23-5	Carbon tetrachloride	ug/kg	5.5 U	5.3 U	6.9 U	33 U
108-90-7	Chlorobenzene	ug/kg	5.5 U	5.3 U	6.9 U	33 U
124-48-1	Dibromochloromethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
75-00-3	Chloroethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
67-66-3	Chloroform	ug/kg	5.5 U	5.3 U	6.9 U	33 U
74-87-3	Chloromethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
75-34-3	1,1-Dichloroethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
107-06-2	1,2-Dichloroethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
75-35-4	1,1-Dichloroethene	ug/kg	5.5 U	5.3 U	6.9 U	33 U
540-59-0	1,2-Dichloroethene (total)	ug/kg	5.5 U	5.3 U	6.9 U	33 U
78-87-5	1,2-Dichloropropane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.5 U	5.3 U	6.9 U	33 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.5 U	5.3 U	6.9 U	33 U
100-41-4	Ethylbenzene	ug/kg	5.5 U	5.3 U	8.7	4100
591-78-6	2-Hexanone	ug/kg	5.5 U	5.3 U	6.9 U	33 U
75-09-2	Methylene chloride	ug/kg	5.5 U	5.3 U	6.9 U	33 U
108-10-1	4-Methyl-2-pentanone	ug/kg	5.5 U	5.3 U	6.9 U	33 U
100-42-5	Styrene	ug/kg	5.5 U	5.3 U	6.9 U	33 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
127-18-4	Tetrachloroethene	ug/kg	5.5 U	5.3 U	6.9 U	33 U
108-88-3	Toluene	ug/kg	5.5 U	5.3 U	55	2000
71-55-6	1,1,1-Trichloroethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
79-00-5	1,1,2-Trichloroethane	ug/kg	5.5 U	5.3 U	6.9 U	33 U
79-01-6	Trichloroethene	ug/kg	5.5 U	5.3 U	6.9 U	33 U
75-01-4	Vinyl chloride	ug/kg	5.5 U	5.3 U	6.9 U	33 U
1330-20-7	Xylenes (total)	ug/kg	16 U	16 U	64	81000 J

USACE-Schenectady Depot Validated Soil Analytical Data SDG: SADVA28		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW12C AOC1 C4K240314001 6-8' STL Pittsburgh SADVA28 SOIL 11/23/2004 1/5/2005	SD-GW14DE AOC1 C4K200145001 6-10' STL Pittsburgh SADVA28 SOIL 11/19/2004 1/5/2005	SD-TP25AOC2 C4K180240001 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005	SD-TP31AOC2 C4K180240002 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
83-32-9	Acenaphthene	ug/kg	360 U	350 U	450 U	430 U
208-96-8	Acenaphthylene	ug/kg	360 U	350 U	450 U	430 U
120-12-7	Anthracene	ug/kg	360 U	350 U	450 U	430 U
56-55-3	Benzo(a)anthracene	ug/kg	360 U	350 U	450 U	430 U
50-32-8	Benzo(a)pyrene	ug/kg	360 U	350 U	450 U	430 U
205-99-2	Benzo(b)fluoranthene	ug/kg	360 U	350 U	450 U	430 U
207-08-9	Benzo(k)fluoranthene	ug/kg	360 U	350 U	450 U	430 U
191-24-2	Benzo(ghi)perylene	ug/kg	360 U	350 U	450 U	430 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	360 U	350 U	450 U	430 U
111-44-4	bis(2-Chloroethyl) ether	ug/kg	360 U	350 U	450 U	430 U
117-81-7	bis(2-Ethylhexyl) phthalate	ug/kg	360 U	74 J	450 U	430 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	360 U	350 U	450 U	430 U
85-68-7	Butyl benzyl phthalate	ug/kg	360 U	350 U	450 U	430 U
86-74-8	Carbazole	ug/kg	360 U	350 U	450 U	430 U
106-47-8	4-Chloroaniline	ug/kg	360 U	350 U	450 U	430 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	360 U	350 U	450 U	430 U
91-58-7	2-Chloronaphthalene	ug/kg	360 U	350 U	450 U	430 U
95-57-8	2-Chlorophenol	ug/kg	360 U	350 U	450 U	430 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	360 U	350 U	450 U	430 U
218-01-9	Chrysene	ug/kg	360 U	350 U	450 U	430 U
53-70-3	Dibenz(a,h)anthracene	ug/kg	360 U	350 U	450 U	430 U
132-64-9	Dibenzofuran	ug/kg	360 U	350 U	450 U	430 U
95-50-1	1,2-Dichlorobenzene	ug/kg	360 U	350 U	450 U	430 U
541-73-1	1,3-Dichlorobenzene	ug/kg	360 U	350 U	450 U	430 U
106-46-7	1,4-Dichlorobenzene	ug/kg	360 U	350 U	450 U	430 U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1700 U	1700 U	2200 U	2100 U
120-83-2	2,4-Dichlorophenol	ug/kg	360 U	350 U	450 U	430 U
84-66-2	Diethyl phthalate	ug/kg	360 U	350 U	450 U	430 U
105-67-9	2,4-Dimethylphenol	ug/kg	360 U	350 U	450 U	430 U
131-11-3	Dimethyl phthalate	ug/kg	360 U	350 U	450 U	430 U
84-74-2	Di-n-butyl phthalate	ug/kg	360 U	350 U	450 U	430 U
117-84-0	Di-n-octyl phthalate	ug/kg	360 U	350 U	450 U	430 U

USACE-Schenectady Depot Validated Soil Analytical Data SDG: SADVA28		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW12C AOC1 C4K240314001 6-8' STL Pittsburgh SADVA28 SOIL 11/23/2004 1/5/2005	SD-GW14DE AOC1 C4K200145001 6-10' STL Pittsburgh SADVA28 SOIL 11/19/2004 1/5/2005	SD-TP25AOC2 C4K180240001 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005	SD-TP31AOC2 C4K180240002 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
51-28-5	2,4-Dinitrophenol	ug/kg	1700 UJ	1700 U	2200 U	2100 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/kg	1700 U	1700 U	2200 U	2100 U
121-14-2	2,4-Dinitrotoluene	ug/kg	360 U	350 U	450 U	430 U
606-20-2	2,6-Dinitrotoluene	ug/kg	360 U	350 U	450 U	430 U
206-44-0	Fluoranthene	ug/kg	360 U	350 U	450 U	430 U
86-73-7	Fluorene	ug/kg	360 U	350 U	450 U	430 U
118-74-1	Hexachlorobenzene	ug/kg	360 U	350 U	450 U	430 U
87-68-3	Hexachlorobutadiene	ug/kg	360 U	350 U	450 U	430 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	1700 U	1700 U	2200 U	2100 U
67-72-1	Hexachloroethane	ug/kg	360 U	350 U	450 U	430 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	360 U	350 U	450 U	430 U
78-59-1	Isophorone	ug/kg	360 U	350 U	450 U	430 U
91-57-6	2-Methylnaphthalene	ug/kg	360 U	350 U	450 U	780
95-48-7	2-Methylphenol	ug/kg	360 U	350 U	450 U	430 U
106-44-5	4-Methylphenol	ug/kg	360 U	350 U	450 U	430 U
91-20-3	Naphthalene	ug/kg	360 U	350 U	450 U	2300
88-74-4	2-Nitroaniline	ug/kg	1700 U	1700 U	2200 U	2100 U
99-09-2	3-Nitroaniline	ug/kg	1700 U	1700 U	2200 U	2100 U
100-01-6	4-Nitroaniline	ug/kg	1700 U	1700 U	2200 U	2100 U
98-95-3	Nitrobenzene	ug/kg	360 U	350 U	450 U	430 U
88-75-5	2-Nitrophenol	ug/kg	360 U	350 U	450 U	430 U
100-02-7	4-Nitrophenol	ug/kg	1700 U	1700 U	2200 U	2100 U
621-64-7	N-Nitrosodi-n-propylamine	ug/kg	360 U	350 U	450 U	430 U
86-30-6	N-Nitrosodiphenylamine	ug/kg	360 U	350 U	450 U	430 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	360 U	350 U	450 U	430 U
87-86-5	Pentachlorophenol	ug/kg	1700 U	1700 U	2200 U	2100 U
85-01-8	Phenanthrene	ug/kg	360 U	350 U	450 U	430 U
108-95-2	Phenol	ug/kg	360 U	350 U	450 U	430 U
129-00-0	Pyrene	ug/kg	360 U	350 U	450 U	430 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	360 U	350 U	450 U	430 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	360 U	350 U	450 U	430 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	360 U	350 U	450 U	430 U

USACE-Schenectady Depot Validated Soil Analytical Data SDG: SADVA28		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW12C AOC1 C4K240314001 6-8' STL Pittsburgh SADVA28 SOIL 11/23/2004 1/5/2005	SD-GW14DE AOC1 C4K200145001 6-10' STL Pittsburgh SADVA28 SOIL 11/19/2004 1/5/2005	SD-TP25AOC2 C4K180240001 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005	SD-TP31AOC2 C4K180240002 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005
CAS NO.	COMPOUND	UNITS:				
	PESTICIDES					
319-84-6	alpha-BHC	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
319-85-7	beta-BHC	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
319-86-8	delta-BHC	ug/kg	1.9 UJ	1.8 UJ	2.3 UJ	2.2 UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
76-44-8	Heptachlor	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
309-00-2	Aldrin	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
1024-57-3	Heptachlor epoxide	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
959-98-8	Endosulfan I	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
60-57-1	Dieldrin	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
72-55-9	4,4'-DDE	ug/kg	1.9 U	1.8 U	1.6 J	2.2 U
72-20-8	Endrin	ug/kg	1.9 U	1.8 U	2.3 U	0.24 JN
53494-70-5	Endrin Ketone	ug/kg	1.9 U	1.8 U	0.99 JN	2.2 U
7421-93-4	Endrin aldehyde	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
33213-65-9	Endosulfan II	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
72-54-8	4,4'-DDD	ug/kg	1.9 U	1.8 U	1.6 J	2.2 U
1031-07-8	Endosulfan sulfate	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
50-29-3	4,4'-DDT	ug/kg	1.9 U	1.8 U	1.2 JN	0.35 JN
72-43-5	Methoxychlor	ug/kg	3.6 U	3.5 U	4.6 JN	4.3 U
5103-71-9	alpha-Chlordane	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
5103-74-2	gamma-Chlordane	ug/kg	1.9 U	1.8 U	2.3 U	2.2 U
8001-35-2	Toxaphene	ug/kg	73 U	71 U	92 U	88 U
	PCBS					
12674-11-2	Aroclor 1016	ug/kg	110 U	110 U	140 U	130 U
11104-28-2	Aroclor 1221	ug/kg	55 U	53 U	69 U	66 U
11141-16-5	Aroclor 1232	ug/kg	55 U	53 U	69 U	66 U
53469-21-9	Aroclor 1242	ug/kg	55 U	53 U	69 U	66 U
12672-29-6	Aroclor 1248	ug/kg	55 U	53 U	69 U	66 U
11097-69-1	Aroclor 1254	ug/kg	36 U	35 U	45 U	43 U
11096-82-5	Aroclor 1260	ug/kg	36 U	35 U	45 U	43 U

USACE-Schenectady Depot Validated Soil Analytical Data SDG: SADVA28		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SD-GW12C AOC1 C4K240314001 6-8' STL Pittsburgh SADVA28 SOIL 11/23/2004 1/5/2005	SD-GW14DE AOC1 C4K200145001 6-10' STL Pittsburgh SADVA28 SOIL 11/19/2004 1/5/2005	SD-TP25AOC2 C4K180240001 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005	SD-TP31AOC2 C4K180240002 STL Pittsburgh SADVA28 SOIL 11/17/2004 1/5/2005
CAS NO.	COMPOUND	UNITS:				
	METALS					
7429-90-5(T)	Aluminum	mg/kg	10700	10300	14200	16800
7440-36-0(T)	Antimony	mg/kg	0.35 UJ	0.34 UJ	0.44 UJ	0.42 UJ
7440-38-2(T)	Arsenic	mg/kg	7.7	5.8	6.1	7.8
7440-39-3(T)	Barium	mg/kg	140 J	60 J	95.2 J	81.2 J
7440-41-7(T)	Beryllium	mg/kg	0.81	0.82	1.1	1.2
7440-43-9(T)	Cadmium	mg/kg	0.33 J	0.31 J	0.35 J	0.4 J
7440-70-2(T)	Calcium	mg/kg	18500 J	21500 J	2400 J	2590 J
7440-47-3(T)	Chromium	mg/kg	15.8	15.2	20	24.3
7440-48-4(T)	Cobalt	mg/kg	11	10.1	11.9	15.9
7440-50-8(T)	Copper	mg/kg	27.7	27.3	31	41.6
7439-89-6(T)	Iron	mg/kg	24600	24800	29600	32400
7439-92-1(T)	Lead	mg/kg	12.8 J	9.8 J	13.5 J	25 J
7439-95-4(T)	Magnesium	mg/kg	8470	8570	5150	6280
7439-96-5(T)	Manganese	mg/kg	477	483	167	669
7439-97-6(T)	Mercury	mg/kg	0.023 J	0.014 J	0.02 J	0.051
7440-02-0(T)	Nickel	mg/kg	24.6 J	23.8 J	31.1 J	32.4 J
7440-09-7(T)	Potassium	mg/kg	1910	1850	1930	1750
7782-49-2(T)	Selenium	mg/kg	1 J	0.94 J	1.6	1.3
7440-22-4(T)	Silver	mg/kg	0.13 J	0.12 J	0.13 J	0.13 J
7440-23-5(T)	Sodium	mg/kg	153 J	133 J	128 J	154 J
7440-28-0(T)	Thallium	mg/kg	0.5 U	0.48 U	0.63 U	0.6 U
7440-62-2(T)	Vanadium	mg/kg	20.5	20.3	29.4	30
7440-66-6(T)	Zinc	mg/kg	53.3 J	53.5 J	109 J	83.9 J
	OTHER					
Q1082	PERCENT SOLIDS	%	91.6	94.3	72.9	76.3

USACE-Schenectady Depot Validated Groundwater Analytical Data SDG: SADVA29		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	SD-PILLS-1 C4L080148002 STL Pittsburgh SADVA29 SOIL 12/7/2004 1/6/2005	SD-PILLS-2 C4L080148003 STL Pittsburgh SADVA29 SOIL 12/7/2004 1/6/2005	SD-PILLS-3 C4L080148004 STL Pittsburgh SADVA29 SOIL 12/7/2004 1/6/2005	SD-PILLS-4 C4L080148005 STL Pittsburgh SADVA29 SOIL 12/7/2004 1/6/2005	SD-PILLS-5 C4L080148006 STL Pittsburgh SADVA29 SOIL 12/7/2004 1/6/2005
CAS NO.	COMPOUND	UNITS:					
	OTHER						
(FPHSU)	pH	No Units	3.5	2.7	6.2	3.2	2.9

DATA USABILITY SUMMARY REPORT

FORMER SCHENECTADY ARMY DEPOT

Prepared By:

PARSONS

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REVIEWED AND APPROVED BY:

Project Manager: _____ _____
Date

Technical Manager: _____ _____
Maryanne Kosciewicz Date

DECEMBER 2005

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SECTION 1

DATA USABILITY SUMMARY

Sediment samples were collected from the former Schenectady Army Depot site in Voorheesville, New York on October 19, 2005. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs).

The analytical laboratory for this project was Severn Trent Laboratories (STL) in Pittsburgh, Pennsylvania.

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 31 days on average for the samples.

The data packages received from STL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a COC record, and received at STL within one day of sampling. All samples were received intact and in good condition at STL.

1.3 LABORATORY ANALYTICAL METHODS

The sediment samples were collected and analyzed for metals. Summaries of issues concerning these laboratory analyses are presented in Subsection 1.3.1. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by media in Attachment A.

1.3.1 Metals Analysis

Sediment samples collected from the site were analyzed by STL for target analyte list (TAL) metals using the USEPA SW-846 6010B/7471A analytical methods. Certain reported results for the metals samples were qualified as estimated due to noncompliant matrix spike recoveries. Therefore, the reported metals data were considered 100% complete (i.e., usable) for the sediment data presented by STL. PARCC requirements were met overall.

SECTION 2

DATA VALIDATION REPORTS

2.1 SEDIMENT

Data review has been completed for data packages generated by STL containing sediment samples collected from the site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.2 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample
- ICP serial dilution
- Post digestion spike recoveries
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of matrix spike recoveries.

Matrix Spike Recoveries

All the MS recoveries were within the 75-125% control limits and have concentrations less than four times the spiking concentration, with the exception of the recoveries for copper (130%R, 62%R), magnesium (0%R), potassium (128%R, 127%R), lead (59%R), antimony (42%R, 45%R), and zinc (65%R) associated with all samples. All sample results for those analytes where recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ". Positive sample results for those analytes where recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J".

Usability

All metals sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The metals data presented by STL were 100% complete (i.e., usable). The validated metals laboratory data are tabulated and presented in Attachment A.

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY
FORMER SCHENECTADY ARMY DEPOT – SEDIMENT

SAMPLE ID	MATRIX	SAMPLE DATE	METALS
PSED001 (0-6)	SOIL	10/19/05	OK
PSED002 (0-6)	SOIL	10/19/05	OK
PSED003 (0-6)	SOIL	10/19/05	OK
PSED004 (0-6)	SOIL	10/19/05	OK
TOTAL SAMPLES:			4

NOTES: OK - Sample analysis considered valid and usable.

ATTACHMENT A

VALIDATED LABORATORY DATA

Former Schenectady Army Depot AOC5 - Voorheesville Depot Validated Remedial Investigation Data SDG: C5J200220		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	PSED001 (0-6) C5J200220001 0-6" STL Pittsburgh C5J200220 SOIL 10/19/2005 12/19/2005	PSED002 (0-6) C5J200220002 0-6" STL Pittsburgh C5J200220 SOIL 10/19/2005 12/19/2005	PSED003 (0-6) C5J200220003 0-6" STL Pittsburgh C5J200220 SOIL 10/19/2005 12/19/2005	PSED004 (0-6) C5J200220004 0-6" STL Pittsburgh C5J200220 SOIL 10/19/2005 12/19/2005
CAS NO.	COMPOUND	UNITS:				
	METALS					
7429-90-5	Aluminum	mg/kg	11200	12700	15000	13700
7440-36-0	Antimony	mg/kg	0.45 UJ	0.42 UJ	0.5 UJ	0.51 UJ
7440-38-2	Arsenic	mg/kg	10.6	10.3	8.6	13
7440-39-3	Barium	mg/kg	65.5	55.3	57.5	72.9
7440-41-7	Beryllium	mg/kg	0.81	1	1.1	1
7440-43-9	Cadmium	mg/kg	0.37 J	0.15 J	0.39 J	0.18 J
7440-70-2	Calcium	mg/kg	31800	2860	4840	3260
7440-47-3	Chromium	mg/kg	44.2	26.7	28.4	26.8
7440-48-4	Cobalt	mg/kg	12.7	13	14	15.7
7440-50-8	Copper	mg/kg	66.9 J	54.6 J	118 J	50.9 J
7439-89-6	Iron	mg/kg	28200	34100	32100	36800
7439-92-1	Lead	mg/kg	62.6 J	35.1 J	58.9 J	20.7 J
7439-95-4	Magnesium	mg/kg	20800 J	6090 J	9520 J	8350 J
7439-96-5	Manganese	mg/kg	494	379	253	378
7439-97-6	Mercury	mg/kg	0.049	0.053	0.08	0.073
7440-02-0	Nickel	mg/kg	25.6	30	39.1	36.2
7440-09-7	Potassium	mg/kg	1730 J	1260 J	2390 J	1850 J
7782-49-2	Selenium	mg/kg	0.37 U	0.35 U	0.48 J	0.42 U
7440-22-4	Silver	mg/kg	0.17 J	0.14 J	0.25 J	0.17 J
7440-23-5	Sodium	mg/kg	119 J	101 J	147 J	150 J
7440-28-0	Thallium	mg/kg	0.64 U	0.6 U	0.71 U	0.73 U
7440-62-2	Vanadium	mg/kg	24.3	25	29.5	24.4
7440-66-6	Zinc	mg/kg	176 J	131 J	176 J	99.7 J
	OTHER					
Q1082	Percent Solids	%	71.1	75.5	64.3	62.4

DATA USABILITY SUMMARY REPORT

FORMER SCHENECTADY ARMY DEPOT

Prepared For:

U.S. ARMY CORPS OF ENGINEERS
HUNTSVILLE CENTER

Prepared By:

PARSONS

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AUGUST 2006

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SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected from the former Schenectady Army Depot site in Schenectady, New York from June 14, 2006 through June 16, 2006. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs).

The analytical laboratory for this project was Severn Trent Laboratories (STL) in Pittsburgh, Pennsylvania and North Canton, Ohio.

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 19 days on average for the samples.

The data packages received from STL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a COC record, and received at STL within one to two days of sampling. All samples were received intact and in good condition at STL.

1.3 LABORATORY ANALYTICAL METHODS

The groundwater samples were collected from the site and analyzed for volatile organic compounds (VOCs), methane, ethane, ethene, alkalinity, total organic carbon (TOC), chloride, nitrate, sulfate, and sulfide. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.3. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by media in Attachment A.

1.3.1 Volatile Organic Analysis

Groundwater samples collected from the site were analyzed by STL for target compound list (TCL) VOCs using the USEPA SW-846 8260B analytical method. Certain reported results for the VOC samples were qualified as estimated due to noncompliant instrument calibrations and field duplicate precision. Therefore, the reported VOC analytical results were 100% complete (i.e., usable) for the groundwater data presented by STL. PARCC requirements were met overall.

1.3.2 Dissolved Gases Analysis

Certain groundwater samples collected from the site were analyzed by STL for methane, ethane, and ethene using the USEPA approved RSK SOP-175 analytical method. The reported results for these samples did not require qualification resulting from data validation. Therefore, the reported dissolved gases analytical results were 100% complete (i.e., usable) for the groundwater data presented by STL. PARCC requirements were met overall.

1.3.3 Wet Chemistry Analysis

Certain groundwater samples were collected from the site and analyzed by STL for alkalinity using the USEPA 310.1 analytical method; TOC using the USEPA 415.1 analytical method; nitrate, sulfate, and chloride using the USEPA 300.0 analytical method; and sulfide using the USEPA 376.1 analytical method. All calibrations, holding times, laboratory blanks, control samples, and instrumentation were reviewed for compliance. The reported wet chemistry sample results did not require qualification resulting from data validation. Therefore, the reported analytical results for these samples were 100% complete with all data considered usable and valid. PARCC requirements were met.

SECTION 2

DATA VALIDATION REPORTS

2.1 GROUNDWATER

Data review has been completed for data packages generated by STL containing groundwater samples collected from the site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs and the NYSDEC ASP for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and trip/equipment blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination, initial calibration, and field duplicate precision.

Blank Contamination

The laboratory method blank H7PJRIAA associated with samples AMW-1, AMW-3, AMW-104, ACE-2, GW-01, GW-12, MW-2B, and TRIP BLANK contained methylene chloride at a concentration of 0.46 µg/L; the laboratory method blank H7RK51AA associated with samples AMW-2, AMW-4, TRIP BLANK #2, GW-03, GW-13, and GW-14 contained methylene chloride at a concentration of 0.64 µg/L; field QC sample TRIP BLANK associated with samples collected on 6/14/06 and 6/15/06 contained methylene chloride at a concentration of 0.66 µg/L; and field QC sample TRIP BLANK #2 associated with samples collected on 6/16/06 contained methylene chloride at a concentration of 0.73 µg/L. Therefore, all associated methylene chloride results less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

Initial Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent relative standard deviation (%RSD) of 30% with the exception of methylene chloride (32.269%RSD) in the initial calibration associated with all samples. Therefore, all methylene chloride sample results were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

Field Duplicate Precision

All field duplicate precision results (relative percent differences; RPDs) were considered acceptable for the field duplicate pair AMW-4 and AMW-104 with the exception of vinyl chloride (109%RPD) and benzene (97%RPD). Therefore, these results were considered estimated and qualified "J" for these samples.

Usability

All volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile groundwater data presented by STL were 100% complete with all volatile data considered usable and valid. The validated volatile laboratory data are tabulated and presented in Attachment A.

2.1.2 Methane, Ethane, and Ethene

The following items were reviewed for compliancy in the dissolved gases analysis:

- Custody documentation
- Holding times
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank contamination
- GC instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All methane, ethane, and ethene sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The dissolved gases data presented by STL were 100% complete (i.e., usable). The validated dissolved gases laboratory data are tabulated and presented in Attachment A.

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY
FORMER SCHENECTADY ARMY DEPOT - GROUNDWATER

SAMPLE ID	MATRIX	SAMPLE DATE	TCL VOCs	DISSOLVED GASES	WET CHEMISTRY
GW-12	WATER	6/14/06	OK		
AMW-4	WATER	6/14/06	OK		
AMW-104	WATER	6/14/06	OK		
AMW-3	WATER	6/14/06	OK		
AMW-2	WATER	6/15/06	OK		
AMW-1	WATER	6/15/06	OK	OK	OK
MW-2B	WATER	6/15/06	OK	OK	OK
ACE-2	WATER	6/15/06	OK	OK	OK
TRIP BLANK	WATER	6/15/06	OK		
GW-01	WATER	6/16/06	OK		
GW-03	WATER	6/16/06	OK		
GW-13	WATER	6/16/06	OK	OK	OK
GW-14	WATER	6/16/06	OK		
TRIP BLANK #2	WATER	6/16/06	OK		
TOTAL SAMPLES:			14	4	4

NOTES: OK - Sample analysis considered valid and usable.

ATTACHMENT A

VALIDATED LABORATORY DATA

USACE-Schenectady Depot Validated Groundwater Analytical Data SDG: SADVA30		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	ACE-2 C6F160136007 STL Pittsburgh SADVA30 WATER 6/15/2006 7/20/2006	AMW-1 C6F160136008 STL Pittsburgh SADVA30 WATER 6/15/2006 7/20/2006	AMW-2 C6F160136006 STL Pittsburgh SADVA30 WATER 6/15/2006 7/20/2006	AMW-3 C6F160136003 STL Pittsburgh SADVA30 WATER 6/14/2006 7/20/2006	AMW-4 C6F160136001 STL Pittsburgh SADVA30 WATER 6/14/2006 7/20/2006	Dup of AMW-4 AMW-104 C6F160136002 STL Pittsburgh SADVA30 WATER 6/14/2006 7/20/2006	GW-01 C6F170124001 STL Pittsburgh SADVA30 WATER 6/16/2006 7/20/2006
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
67-64-1	Acetone	ug/L	100 U	15 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
67-66-3	Chloroform	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	20 U	1.4 J	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	530	78	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
71-43-2	Benzene	ug/L	20 U	3 U	1 U	1 U	0.28 J	0.81 J	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	100 U	15 U	5 U	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	20 UJ	3 UJ	1.8 UJ	1 UJ	1.5 UJ	1 UJ	1 UJ
108-10-1	4-Methyl-2-pentanone	ug/L	100 U	15 U	5 U	5 U	5 U	5 U	5 U
100-42-5	Styrene	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	20 U	3 U	0.28 J	1 U	0.23 J	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	44	2.5 J	1 U	0.26 J	1 U	0.32 J	1 U
75-01-4	Vinyl chloride	ug/L	160	21	1 U	1 U	1 J	3.4 J	1 U
1330-20-7	Xylenes (total)	ug/L	60 U	9 U	3 U	3 U	3 U	3 U	3 U
75-25-2	Bromoform	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
78-93-3	2-Butanone	ug/L	100 U	15 U	2.3 J	5 U	2 J	5 U	5 U
75-15-0	Carbon disulfide	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	20 U	3 U	1 U	1 U	1 U	1 U	1 U
	OTHER								
Q18	Total Alkalinity	mg/L	405	429					
(CHLOR)	Chloride	mg/L	292	45.1					
74-84-0	Ethane	ug/L	6	1.5					
74-85-1	Ethene	ug/L	12	1.9					
74-82-8	Methane	ug/L	800	240					
(N3)	Nitrate as N	mg/L	0.05 U	0.05 U					
(SULFA)	Sulfate	mg/L	50.1	141					
Q608	Total Sulfide	mg/L	3 U	3 U					
7440-44-0	TOC	mg/L	3.4	1.9					

USACE-Schenectady Depot Validated Groundwater Analytical Data SDG: SADVA30		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	GW-03 C6F170124002 STL Pittsburgh SADVA30 WATER 6/16/2006 7/20/2006	GW-12 C6F160136004 STL Pittsburgh SADVA30 WATER 6/14/2006 7/20/2006	GW-13 C6F170124004 STL Pittsburgh SADVA30 WATER 6/16/2006 7/20/2006	GW-14 C6F170124003 STL Pittsburgh SADVA30 WATER 6/16/2006 7/20/2006	MW-2B C6F160136009 STL Pittsburgh SADVA30 WATER 6/15/2006 7/20/2006	TRIP BLANK C6F160136005 STL Pittsburgh SADVA30 WATER 6/14/2006 7/20/2006	TRIP BLANK#2 C6F170124005 STL Pittsburgh SADVA30 WATER 6/16/2006 7/20/2006
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
67-64-1	Acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
540-59-0	1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
71-43-2	Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-09-2	Methylene chloride	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
100-42-5	Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	ug/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U
75-25-2	Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
78-93-3	2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon disulfide	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	OTHER								
Q18	Total Alkalinity	mg/L			382		317		
(CHLOR)	Chloride	mg/L			43.2		773		
74-84-0	Ethane	ug/L			0.5 U		0.5 U		
74-85-1	Ethene	ug/L			0.5 U		0.5 U		
74-82-8	Methane	ug/L			0.53		9.6		
(N3)	Nitrate as N	mg/L			0.017 J		0.05 U		
(SULFA)	Sulfate	mg/L			2100		542		
Q608	Total Sulfide	mg/L			3 U		4		
7440-44-0	TOC	mg/L			7.4		1.8		