Appendix C

Sample Logs, Chain of Custody and Laboratory Data Packages (2005)

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Usability Review

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	10/28/2005
PROJECT NAME:	SAD AOC-2	**LABORATORY SDG:**	510151

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories in Frederick, MD. The results in this report are for one sample (EX-C-1RE2) collected at the AOC-2 site within the former Schenectady Army Depot (SAD) by Shaw E & I personnel and analyzed for TAL metals. The laboratory met all turn around commitments and the final report was received in Findlay, Ohio via express courier. The sample cooler was received with an internal temperature of 2 degrees Celsius, within the required 2-6 degrees. Chain-of-custody documentation lacked a relinquishment to the courier service. However, the laboratory did note the presence of intact custody seals on the cooler indicating that no one accessed the cooler after it was sealed. The following describes the overall QA/QC indicators.

Metals by SW-846 Methods 6010B and 7471A

The sample was digested for both methods within the hold-times. The ICP and CVAA systems were calibrated and operated in accordance with method requirements. All ICP corrections and internal checks passed criteria. The CVAA calibration curve met criteria for linearity, stability, and accuracy as compared to a separate source standard.

The LCBs contained no target analytes at a concentration >MQL. The LCS recoveries were within limits for all ICP analytes as well as for mercury. QC Matrix performance is within limits for mercury and all but three ICP metals, aluminum, calcium, and potassium. Aluminum and calcium performance was masked by the high concentration of each in the native sample, compared to the spiking level. Potassium recovery was slightly above limits, but within on a post-digestion spike. Precision for all three analytes was within limits. No data qualification is necessary.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The results reported should be utilized without reservation in the intended decision-making process.

Guy Gallello, Jr-Project Chemist

11/22/2005

Date

Analytical Report For 510151

for

Shaw E&I, Inc

Project Manager : Guy Gallello

Project Name : SAD-AOC2

November 4, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

Summary of Analytical Results

Client ID: EX-C-1RE2
GPL ID: 510151-001-001-1/1
Matrix: SOIL
Date Collected: 10/27/2005
Date Received: 10/28/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 11/01/2005
Time Analyzed: 14:57
Analysis Batch: 81601

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	83	1.0	%		1

Summary of Analytical Results

Client ID: EX-C-1RE2
GPL ID: 510151-001-001-1/1
Matrix: SOIL
Date Collected: 10/27/2005
Date Received: 10/28/2005

Prep Method: SW3050B
Prep Date: 10/31/2005
Prep Time: 00:00
Prep Batch: 78389

Analytical Method: SW6010B
Date Analyzed: 11/01/2005
Time Analyzed: 23:08
Analysis Batch: 81770

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	16100	14.9	mg/kg	N	1
Antimony	BQL	1.5	mg/kg	U	1
Arsenic	9.1	1.5	mg/kg		1
Barium	82.0	.37	mg/kg		1
Beryllium	0.85	.15	mg/kg		1
Cadmium	0.63	.45	mg/kg		1
Calcium	28500	74.5	mg/kg		1
Chromium	23.6	.37	mg/kg		1
Cobalt	14.7	.37	mg/kg		1
Copper	41.9	.74	mg/kg		1
Iron	35000	11.2	mg/kg		1
Lead	16.7	.74	mg/kg		1
Magnesium	9000	18.6	mg/kg		1
Manganese	626	.37	mg/kg		1
Nickel	34.5	.74	mg/kg		1
Potassium	2440	18.6	mg/kg	N	1
Selenium	0.30	1.5	mg/kg	J	1
Silver	0.049	.22	mg/kg	J	1
Thallium	0.67	2.2	mg/kg	J	1
Vanadium	27.8	.74	mg/kg		1
Zinc	88.4	1.5	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-1RE2
GPL ID: 510151-001-001-1/1
Matrix: SOIL
Date Collected: 10/27/2005
Date Received: 10/28/2005

Prep Method: SW7471_DIG
Prep Date: 11/01/2005
Prep Time: 18:00
Prep Batch: 78435

Analytical Method: SW7471A
Date Analyzed: 11/02/2005
Time Analyzed: 14:03
Analysis Batch: 81769

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.049	.026	mg/kg		1

ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed November 4, 2005

GPL ID	Client ID
510151-001-001-1/1	EX-C-1RE2

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Usability Review

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	10/31/2005
PROJECT NAME:	SAD AOC-2	**LABORATORY SDG:**	510166

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories in Frederick, MD. The results in this report are for five samples, collected at the AOC-2 site within the former Schenectady Army Depot (SAD) by Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table. The laboratory met all turn around commitments and the final report was received in Findlay, Ohio via express courier.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
DS-B-1	10/28/2005	Soil-disposal	TCLP/SVOC SW1311/8270C
DS-B-2	10/28/2005	Soil-disposal	TCLP/SVOC SW1311/8270C
DS-B-3	10/28/2005	Soil-disposal	TCLP/SVOC SW1311/8270C
DS-C-1	10/28/2005	Soil-disposal	TCLP/SVOC SW1311/8270C
DS-F-1	10/28/2005	Soil-disposal	TCLP/SVOC SW1311/8270C

The sample cooler, although marked for Saturday delivery, was not received until the third day following sampling. The laboratory noted that the cooler temperature was within 2-6 degrees Celsius and analysis proceeded. Chain-of-custody documentation was complete and accurate. The following describes the overall QA/QC indicators.

TCLP/SVOCs by SW-846 Methods 1311A/8270C

The samples were TCLP extracted the day of receipt and extracted for SVOC analysis on November 1, 2005; both within the hold-times. The GC/MS system was tuned in accordance with the method requirements and calibrated properly for all of the target TCLP analytes and surrogate compounds. All ISTD areas and retention-times were within limits for all analysis runs.

The LCB contained no target analytes at a concentration >QL. The laboratory spiking standard contained all of the TCLP/SVOC target analytes. LCS recoveries for all spiked compounds were within control limits indicating acceptable method accuracy. The laboratory performed QC Matrix QC on sample Ds-B-1, spiking with all target TCLP/SVOC compounds. Recovery and precision for all spiked compounds is within project objectives. Although recovery of the Phenol-d5 surrogate is slightly below the lab limit in four of the samples, recovery is within project limits for data usability. Therefore, no data qualification is warranted.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The results reported should be utilized without reservation in the intended decision-making process.

Guy Gallello, Jr-Project Chemist

11/22/2005

Date

Analytical Report For 510166

for

Shaw E&I, Inc

Project Manager: Guy Gallello

Project Name: SAD-AOC2

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Five samples were received on 10/31/2005. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Semivolatiles

Five soil sample TCLP extracts were extracted using SW846 method 3510C. The samples were analyzed for semi-volatile TCLP compounds using method 8270C.

Extraction and analysis holding times were met.

One surrogate recovery was slightly below the QC limits in the samples and the TCLP Blank.

Matrix spike analysis was shared with GPL work order 510116. All recoveries were within QC limits.

A laboratory control sample was extracted and analyzed along with the batch. Recovery of two compounds was slightly above the QC limits.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

GPL Laboratories, LLLP

Sample Summary Report

Shaw E&I, Inc

Work Order: 510166

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
DS-B-1	510166-001-001-1/1	SW8270C_TCLP	SOIL	10/28/2005	10/31/2005
DS-B-2	510166-002-002-1/1	SW8270C_TCLP	SOIL	10/28/2005	10/31/2005
DS-B-3	510166-003-003-1/1	SW8270C_TCLP	SOIL	10/28/2005	10/31/2005
DS-C-1	510166-004-004-1/1	SW8270C_TCLP	SOIL	10/28/2005	10/31/2005
DS-F-1	510166-005-005-1/1	SW8270C_TCLP	SOIL	10/28/2005	10/31/2005

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	DS-B-1	Lab Sample ID:	510166-001-001-1/1
Sample Date/Time:	10/28/2005 13:52	Percent Moisture:	NA
Receipt Date/Time:	10/31/2005 10:59	Preparation Method:	SW3510C
Prepared Date/Time:	11/01/2005 00:00	Analytical Method:	SW8270C_TCLP

# Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,4-Dichlorobenzene	BQL	U	50	1	ug/L	11/02/05	12:16
2) 2,4,5-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	12:16
3) 2,4,6-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	12:16
4) 2,4-Dinitrotoluene	BQL	U	50	1	ug/L	11/02/05	12:16
5) 2-methylphenol	BQL	U	50	1	ug/L	11/02/05	12:16
6) 3-Methylphenol	BQL	U	50	1	ug/L	11/02/05	12:16
7) 4-methylphenol	BQL	U	50	1	ug/L	11/02/05	12:16
8) Hexachlorobenzene	BQL	U	50	1	ug/L	11/02/05	12:16
9) Hexachlorobutadiene	BQL	U	50	1	ug/L	11/02/05	12:16
10) Hexachloroethane	BQL	U	50	1	ug/L	11/02/05	12:16
11) Nitrobenzene	BQL	U	50	1	ug/L	11/02/05	12:16
12) Pentachlorophenol	BQL	U	100	1	ug/L	11/02/05	12:16
13) Pyridine	BQL	U	50	1	ug/L	11/02/05	12:16

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
14) 2,4,6-Tribromophenol	72 %	35 - 157	1	11/02/05	12:16
15) 2-Fluorobiphenyl	80 %	46 - 108	1	11/02/05	12:16
16) 2-Fluorophenol	47 %	28 - 116	1	11/02/05	12:16
17) Nitrobenzene-d5	85 %	38 - 122	1	11/02/05	12:16
18) Phenol-d5	36 %	34 - 118	1	11/02/05	12:16
19) p-Terphenyl-d14	97 %	29 - 133	1	11/02/05	12:16

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	DS-B-2	Lab Sample ID:	510166-002-002-1/1
Sample Date/Time:	10/28/2005 13:57	Percent Moisture:	NA
Receipt Date/Time:	10/31/2005 10:59	Preparation Method:	SW3510C
Prepared Date/Time:	11/01/2005 00:00	Analytical Method:	SW8270C_TCLP

# Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,4-Dichlorobenzene	BQL	U	50	1	ug/L	11/02/05	13:08
2) 2,4,5-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	13:08
3) 2,4,6-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	13:08
4) 2,4-Dinitrotoluene	BQL	U	50	1	ug/L	11/02/05	13:08
5) 2-methylphenol	BQL	U	50	1	ug/L	11/02/05	13:08
6) 3-Methylphenol	BQL	U	50	1	ug/L	11/02/05	13:08
7) 4-methylphenol	BQL	U	50	1	ug/L	11/02/05	13:08
8) Hexachlorobenzene	BQL	U	50	1	ug/L	11/02/05	13:08
9) Hexachlorobutadiene	BQL	U	50	1	ug/L	11/02/05	13:08
10) Hexachloroethane	BQL	U	50	1	ug/L	11/02/05	13:08
11) Nitrobenzene	BQL	U	50	1	ug/L	11/02/05	13:08
12) Pentachlorophenol	BQL	U	100	1	ug/L	11/02/05	13:08
13) Pyridine	BQL	U	50	1	ug/L	11/02/05	13:08

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
14) 2,4,6-Tribromophenol	69 %	35 - 157	1	11/02/05	13:08
15) 2-Fluorobiphenyl	72 %	46 - 108	1	11/02/05	13:08
16) 2-Fluorophenol	43 %	28 - 116	1	11/02/05	13:08
17) Nitrobenzene-d5	75 %	38 - 122	1	11/02/05	13:08
18) **Phenol-d5**	**32 %**	**34 - 118**	**1**	**11/02/05**	**13:08**
19) p-Terphenyl-d14	92 %	29 - 133	1	11/02/05	13:08

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	DS-B-3	Lab Sample ID:	510166-003-003-1/1
Sample Date/Time:	10/28/2005 14:14	Percent Moisture:	NA
Receipt Date/Time:	10/31/2005 10:59	Preparation Method:	SW3510C
Prepared Date/Time:	11/01/2005 00:00	Analytical Method:	SW8270C_TCLP

# Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,4-Dichlorobenzene	BQL	U	50	1	ug/L	11/02/05	14:00
2) 2,4,5-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	14:00
3) 2,4,6-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	14:00
4) 2,4-Dinitrotoluene	BQL	U	50	1	ug/L	11/02/05	14:00
5) 2-methylphenol	BQL	U	50	1	ug/L	11/02/05	14:00
6) 3-Methylphenol	BQL	U	50	1	ug/L	11/02/05	14:00
7) 4-methylphenol	BQL	U	50	1	ug/L	11/02/05	14:00
8) Hexachlorobenzene	BQL	U	50	1	ug/L	11/02/05	14:00
9) Hexachlorobutadiene	BQL	U	50	1	ug/L	11/02/05	14:00
10) Hexachloroethane	BQL	U	50	1	ug/L	11/02/05	14:00
11) Nitrobenzene	BQL	U	50	1	ug/L	11/02/05	14:00
12) Pentachlorophenol	BQL	U	100	1	ug/L	11/02/05	14:00
13) Pyridine	BQL	U	50	1	ug/L	11/02/05	14:00

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
14) 2,4,6-Tribromophenol	70 %	35 - 157	1	11/02/05	14:00
15) 2-Fluorobiphenyl	71 %	46 - 108	1	11/02/05	14:00
16) 2-Fluorophenol	41 %	28 - 116	1	11/02/05	14:00
17) Nitrobenzene-d5	75 %	38 - 122	1	11/02/05	14:00
18) **Phenol-d5**	**31 %**	**34 - 118**	**1**	**11/02/05**	**14:00**
19) p-Terphenyl-d14	92 %	29 - 133	1	11/02/05	14:00

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	DS-C-1	Lab Sample ID:	510166-004-004-1/1
Sample Date/Time:	10/28/2005 14:22	Percent Moisture:	NA
Receipt Date/Time:	10/31/2005 10:59	Preparation Method:	SW3510C
Prepared Date/Time:	11/01/2005 00:00	Analytical Method:	SW8270C_TCLP

# Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,4-Dichlorobenzene	BQL	U	50	1	ug/L	11/02/05	14:52
2) 2,4,5-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	14:52
3) 2,4,6-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	14:52
4) 2,4-Dinitrotoluene	BQL	U	50	1	ug/L	11/02/05	14:52
5) 2-methylphenol	BQL	U	50	1	ug/L	11/02/05	14:52
6) 3-Methylphenol	BQL	U	50	1	ug/L	11/02/05	14:52
7) 4-methylphenol	BQL	U	50	1	ug/L	11/02/05	14:52
8) Hexachlorobenzene	BQL	U	50	1	ug/L	11/02/05	14:52
9) Hexachlorobutadiene	BQL	U	50	1	ug/L	11/02/05	14:52
10) Hexachloroethane	BQL	U	50	1	ug/L	11/02/05	14:52
11) Nitrobenzene	BQL	U	50	1	ug/L	11/02/05	14:52
12) Pentachlorophenol	BQL	U	100	1	ug/L	11/02/05	14:52
13) Pyridine	BQL	U	50	1	ug/L	11/02/05	14:52

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
14) 2,4,6-Tribromophenol	71 %	35 - 157	1	11/02/05	14:52
15) 2-Fluorobiphenyl	75 %	46 - 108	1	11/02/05	14:52
16) 2-Fluorophenol	42 %	28 - 116	1	11/02/05	14:52
17) Nitrobenzene-d5	78 %	38 - 122	1	11/02/05	14:52
18) **Phenol-d5**	**31 %**	**34 - 118**	**1**	**11/02/05**	**14:52**
19) p-Terphenyl-d14	91 %	29 - 133	1	11/02/05	14:52

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	DS-F-1	Lab Sample ID:	510166-005-005-1/1
Sample Date/Time:	10/28/2005 13:52	Percent Moisture:	NA
Receipt Date/Time:	10/31/2005 10:59	Preparation Method:	SW3510C
Prepared Date/Time:	11/01/2005 00:00	Analytical Method:	SW8270C_TCLP

# Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,4-Dichlorobenzene	BQL	U	50	1	ug/L	11/02/05	15:44
2) 2,4,5-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	15:44
3) 2,4,6-Trichlorophenol	BQL	U	50	1	ug/L	11/02/05	15:44
4) 2,4-Dinitrotoluene	BQL	U	50	1	ug/L	11/02/05	15:44
5) 2-methylphenol	BQL	U	50	1	ug/L	11/02/05	15:44
6) 3-Methylphenol	BQL	U	50	1	ug/L	11/02/05	15:44
7) 4-methylphenol	BQL	U	50	1	ug/L	11/02/05	15:44
8) Hexachlorobenzene	BQL	U	50	1	ug/L	11/02/05	15:44
9) Hexachlorobutadiene	BQL	U	50	1	ug/L	11/02/05	15:44
10) Hexachloroethane	BQL	U	50	1	ug/L	11/02/05	15:44
11) Nitrobenzene	BQL	U	50	1	ug/L	11/02/05	15:44
12) Pentachlorophenol	BQL	U	100	1	ug/L	11/02/05	15:44
13) Pyridine	BQL	U	50	1	ug/L	11/02/05	15:44

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
14) 2,4,6-Tribromophenol	73 %	35 - 157	1	11/02/05	15:44
15) 2-Fluorobiphenyl	75 %	46 - 108	1	11/02/05	15:44
16) 2-Fluorophenol	41 %	28 - 116	1	11/02/05	15:44
17) Nitrobenzene-d5	79 %	38 - 122	1	11/02/05	15:44
18) **Phenol-d5**	**32 %**	**34 - 118**	**1**	**11/02/05**	**15:44**
19) p-Terphenyl-d14	94 %	29 - 133	1	11/02/05	15:44

Qualifier Definitions

Shaw E&I, Inc

Work Order: 510166

All Departments

U	Indicates that the compound was analyzed for but not detected
BQL	Below Quantitation Limit

Organics

B	Indicates that the analyte was found in the associated blank as well as in the sample
D	Indicates that the analyte was reported from a diluted analysis
E	Indicates that the concentration detected exceeded the calibration range of the instrument
J	Value is less than the reporting limit but greater than the MDL
P	Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

J	Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL
E	Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)
H	Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit
D	Indicates that the analyte was reported from a diluted analysis
N	Spiked sample recovery not within control limits
*	Duplicate analysis not within control limits

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract #/Billing Reference:

1 of 1 Pgs.

Project: Former Schtdy Army Depot
Client: SHALO Environmental
Send Results To: Guy Gallello
Address:
Phone: 419-425-6080

Turnaround Time: ~~[illegible]~~ -48hr
# of Containers:
Container Type: 8 oz
Preservative Used: Ice
Type of Analysis: TCLP 8270
Lab Cooler No.:

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	TCLP 8270										CLIENT COMMENTS
DS-B-1	10/28	13:52	Soil	aef	✓										Need Results
DS-B-2	10/28	13:57	Soil	aef	✓										By 11/2 Close
DS-B-3	10/28	14:14	Soil	aef	✓										of Business
DS-G-1	10/28	14:22	Soil	aef	✓										
DS-F-1	10/28	14:28	Soil	aef	✓										

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	10/28/05			[signature]	10/31/05 10:00

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				3.0

G.P. W.O. 510166

FedEx Express *US Airbill*

8550 2424 0222 . 0200 Form ID No.

FedEx Retrieval Copy

1 From

Date 10/18/05 Sender's FedEx Account Number

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Company SMAS Environmental

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City Frederick State MD ZIP 21703

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations

1 ☑ FedEx Priority Overnight Next business morning.* 5 ☐ FedEx Standard Overnight Next business afternoon.* 6 ☐ FedEx First Overnight Earliest next business morning delivery to select locations.*

3 ☐ FedEx 2Day Second business day.* 20 ☐ FedEx Express Saver Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations

7 ☐ FedEx 1Day Freight Next business day.** 8 ☐ FedEx 2Day Freight Second business day.** 93 ☐ FedEx 3Day Freight Third business day.**

Delivery Commitment

5 Packaging *Declared value limit $500.

6 ☐ FedEx Envelope* 2 ☐ FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak 3 ☐ FedEx Box 4 ☐ FedEx Tube 1 ☑ Other

6 Special Handling Include FedEx address in Section 3.

3 ☑ SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx Express Saver, and FedEx 2Day Freight to select ZIP codes. 8 ☐ HOLD Weekday at FedEx Location Not available for FedEx First Overnight. 31 ☐ HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

☑ No 4 ☐ Yes as per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. 6 ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. ☐ Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. Below. Obtain Recip. Acct. No. ☐

1 ☐ Sender Acct. No. in Section 1 will be billed. 2 ☑ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

FedEx Acct. No. Credit Card No. Exp. Date

Total Packages	Total Weight	Total Charges
1	10	Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

☐ No Signature Required Package may be left without obtaining a signature for delivery. 10 ☐ Direct Signature Anyone at recipient's address may sign for delivery. *Fee applies.* 34 ☐ Indirect Signature If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

520

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8550 2424 0222

Questions? Go to our Web site at fedex.com or call 1.800.GoFedEx 1.800.463.3339

GPL Laboratories, LLLP

Figure 1
SAMPLE RECEIPT CHECKLIST

W.O. No: 510166

Client Name: SHAW

Date Received: 10/31/05

Time Received: 10:00

Received By: [illegible]

Carrier Name: Fedex

Prepared (Logged In) By: [illegible] / 10/31/05
Initials Date

Project:

Site:

VOA Holding Blank I.D. No:

	YES	NO
Airbill/Manifest Present?		
No.		
Shipping Container in Good Condition?	✓	
Custody Seals Present on Shipping Container?	✓	
Condition: Broken		
Intact-not dated or signed	✓	
Intact-dated and signed		
Usage of Tamper Evident Type	✓	
Chain-of-Custody Present?	✓	
Chain-of-Custody Agrees with Sample Labels?	✓	
Chain-of-Custody Signed?	✓	
Packing Present in Shipping Container?	✓	
Type of Packing Bubble wrap		
Custody seals on Sample Bottles?		✓
Condition: Good / Broken		
Total Number of Sample Bottles 5		
Total Number of Samples 5		
Samples Intact?	✓	
Sufficient Sample Volume for Indicated Test?	✓	

	YES	NO
Trip Blanks: No. of Sets		✓
Field Blanks: No. of Sets		✓
Equip. Blank: No. of Sets		✓
Field Duplicate: No. of Sets		✓
MS/MSD: No of Sets		✓
VOA Vials Have Zero Headspace?		✓
If yes, smaller or greater than a Green Pea (see comments)		
Preservatives Added to Sample?		✓
pH Check Required?		✓
Performed By?		✓
Ice Present in Shipping Container?	✓	

Container #	Temp.	Container #	Temp.
1	3.0		

Project Manager Contacted?
Name: Virginia
Date Contacted: 10/31/05

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked N/A/

COMMENTS:

Checklist Completed By: [illegible]

Date: 10/31/05

SOP No: F.2V14

DATA PACKAGE
TABLE OF CONTENTS

	PAGE NOS	
Data Summary Package	1	12
BNA - QC	1000	1011
Volatile Data	NA	
Semivolatile Data	NA	
Semivolatile PAH Data	NA	
Semivolatile White Phosphorus Data	NA	
Pesticide / PCB Data	NA	
Herbicide Data	NA	
Explosive Data	NA	
Nitroquinidine Data	NA	
PETN Data	NA	
Thiodiglycol Data	NA	
Organosulfur Data	NA	
DIMP/DMMP Data	NA	
DRO Data	NA	
GRO Data	NA	
IC Data	NA	
Flashpoint Data	NA	
Metals Data	NA	
Wet Chemistry Data	NA	

SEMIVOLATILE

QC

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL **Analytical Method : SW8270C_TCL** **SDG No : 510166**

Surrogate	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
Lower QC Limits	38	35	28	34	46	29
Upper QC Limits	122	157	116	118	108	133
Sample ID						
B051031 BE-1 TCLP	80	64	43	32 *	74	91
BKS78421	98	76	84	88	87	109
BLK78421	97	76	78	81	88	101
DS-B-1	85	72	47	36	80	97
DS-B-1	79	73	41	32 *	75	94
DS-B-2	75	69	43	32 *	72	92
DS-B-3	75	70	41	31 *	71	92
DS-C-1	78	71	42	31 *	75	91

1001 Value outside of QC Limts

NO2BZD5 = Nitrobenzene-d5 PH246BR = 2,4,6-Tribromophenol PH2F = 2-Fluorophenol PHD5 = Phenol-d5 PHEN2F = 2-Fluorobiphenyl PHEND14 = p-Terphenyl-d14

GPL Laboratories

MS Recovery

SAMPLE NO
SW-AU18-HTW-101905MS

Lab Name : GPL Laboratories
Lab Code GPL
Matrix : SOIL
Method : SW8270C_TCLP

Contract. RCWM Investigation
SDG NO : 510116
Lab Sample ID : 510116-001-002-1/1MS
Analysis Date : 10/23/2005

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMTS
1,4-Dichlorobenzene	500	0	410	82	13-105
2,4,5-Trichlorophenol	500	0	460	94	32-118
2,4,6-Trichlorophenol	500	0	460	92	28-114
2,4-Dinitrotoluene	500	0	500	100	37-123
2-methylphenol	500	0	350	70	22-110
3 & 4-Methylphenol	1000	0	590	59	21-110
Hexachlorobenzene	500	0	510	102	20-120
Hexachlorobutadiene	500	0	360	72	18-110
Hexachloroethane	500	0	400	80	21-110
Nitrobenzene	500	0	410	82	29-107
Pentachlorophenol	500	0	540	108	37-139
Pyridine	500	0	220	44	24-121

* Values Outside of QC Limits.

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS78421

Lab Name :	GPL Laboratories	Contract.	SAD-AOC2
Lab Code	GPL	SDG NO :	510166
Matrix :	SOIL	Lab Sample ID :	BKS78421
Method :	SW8270C_TCLP	Analysis Date :	11/02/2005

COMPOUND	SPIKE ADDED (ug/L)	BLANK CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMTS
1,4-Dichlorobenzene	100	0	110	110	24-144
2,4,5-Trichlorophenol	100	0	120	120	28-144
2,4,6-Trichlorophenol	100	0	120	120	31-147
2,4-Dinitrotoluene	100	0	130	130	33-153
2-methylphenol	100	0	120	120	17-153
Hexachlorobenzene	100	0	120	120 *	24-110
Hexachlorobutadiene	100	0	97	97	25-137
Hexachloroethane	100	0	97	97	23-147
Nitrobenzene	100	0	110	110	23-147
Pentachlorophenol	100	0	130	130 *	19-110
Pyridine	100	0	100	100	23-121

* Values Outside of QC Limits.

GPL Laboratories

GPL
FORM 4
SEMI-VOLATILE METHOD BLANK SUMMARY

SAMPLE NO
BLK78421

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code	GPL	SAS NO. :	78421
Lab File ID :	C40864.D	SDG NO :	510166
Date Analyzed	11/02/2005	Lab Sample ID :	BLK78421
Date Extracted :	11/01/2005	Time Analyzed	09:40
Matrix :(Soil/Water).	SOIL	Level :(Low/Med	

HIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS78421	BKS78421	C40865.D	11/02/2005
B051031 BE-1 TCLP	B051031 BE-1 TCLP	C40866.D	11/02/2005
DS-B-1	510166-001-001-1/1	C40867.D	11/02/2005
DS-B-2	510166-002-002-1/1	C40868.D	11/02/2005
DS-B-3	510166-003-003-1/1	C40869.D	11/02/2005
DS-C-1	510166-004-004-1/1	C40870.D	11/02/2005
DS-B-1	510166-005-005-1/1	C40871.D	11/02/2005

5B-8270

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: GPL LABORATORIES Contract:

Lab Code: GPL Case No.: SAS No.: SDG No.:

Lab File ID: C40144.D DFTPP Injection Date: 07/07/05

Instrument ID: #C DFTPP Injection Time: 13:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	54.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 Relative abundance	58.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	42.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 30.0% of mass 198	20.9
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than mass 443	9.4
442	40.0 - 110.0% of mass 198	64.0
443	17.0 - 23.0% of mass 442	12.9 (20.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	C40146.D	07/07/05	14:51
02	SSTD160	SSTD160	C40147.D	07/07/05	15:44
03	SSTD010	SSTD010	C40148.D	07/07/05	16:37
04	SSTD020	SSTD020	C40149.D	07/07/05	17:30
05	SSTD080	SSTD080	C40150.D	07/07/05	18:23
06	SSTD120	SSTD120	C40151.D	07/07/05	19:16

GPL
Form 5

SEMI-VOLATILE INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE(DFTPP)

Lab Name: GPL LABORATORIES Contract : Shaw E&I, Inc

Lab Code: GPL Case No: N/A SAS No:N/A SDG No : 510166

Lab File ID: C40862.D DFTPP Injection Date : 11/02/2005 DFTPP Injection Time : 08:26

GC Column: _ ID: DB-5

m/e	ION ABUNDANCE CRITERIA	%Relative Abundance	
51	30.0 - 60.0% of mass 198	59.3	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	66.2	
70	Less than 2.0% of mass-69	0.0	(0.0)1
127	40.0 - 60.0% of mass 198	50.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	7.2	
275	10.0 - 30.0% of mass 198	22.7	
365	Greater than 1.0% of mass 198	2.4	
441	Present, but less than mass 443	11.5	
442	40.0 - 110.0% of mass 198	78.5	
443	17.0 - 23.0% of mass 442	16.7	(21.2)2

1-Value is % mass 69 2-Value is % mass 442

	Client Sample	Lab Sample NO	Lab File ID	Date Analyze	Time Analyzed
1	SSTD050	SSTD050	C40863.D	11/02/2005	08:48
2	BLK78421	BLK78421	C40864.D	11/02/2005	09:40
3	BKS78421	BKS78421	C40865.D	11/02/2005	10:32
4	B051031 BE-1 TCLP	B051031 BE-1 TCLP	C40866.D	11/02/2005	11:24
5	DS-B-1	510166-001-001-1/1	C40867.D	11/02/2005	12:16
6	DS-B-2	510166-002-002-1/1	C40868.D	11/02/2005	13:08
7	DS-B-3	510166-003-003-1/1	C40869.D	11/02/2005	14:00
8	DS-C-1	510166-004-004-1/1	C40870.D	11/02/2005	14:52
9	DS-B-1	510166-005-005-1/1	C40871.D	11/02/2005	15:44

SEMI-VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GPL LABORATORIES Contract : Shaw E&I, Inc

Lab Code: GPL Case No: N/A SAS No:N/A SDG No : 510166

Lab File ID: C40863.D Date Analyzed: 11/02/2005 Time Analyzed: 08:48

	ACNPD10		CHRYSENED12		DCBZ14D4	
	Area #	RT #	Area #	RT #	Area #	RT #
12 HOUR STD	1306543	20.44	1591928	33.64	738288	11.06
UPPER LIMIT	2613086	20.94	3183856	34.14	1476576	11.56
LOWER LIMIT	653272	19.94	795964	33.14	369144	10.56
Client Sample						
B051031 BE-1 TCLP	788930	20.43	944488	33.63	396765	11.05
BKS78421	789123	20.43	918970	33.63	374384	11.06
BLK78421	874375	20.43	1102655	33.63	432264	11.06
DS-B-1	816828	20.44	1002013	33.63	417123	11.05
	848768	20.44	1073641	33.63	418868	11.05
DS-B-2	809256	20.43	974465	33.63	403086	11.06
DS-B-3	896853	20.43	1093980	33.63	429826	11.05
DS-C-1	800724	20.43	980150	33.62	395366	11.06

ACNPD10 = acenaphthene-d1
CHRYSENED12 = Chrysene-d1
DCBZ14D4 = 1,4-Dichlorobenzene-d
NAPHD8 = Naphthalene-d
PERYD12 = Perylene-d1
PHAND10 = phenanthrene-d1

AREA UPPER LIMIT = +100% of internal standard are
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +.50 minutes of internal standard RT
RT LOWER LIMIT = -.50 minutes of internal standard RT
Column to be used to flag values outside QC limit with an asteris
* Values outside of contract required QC limits

SEMI-VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GPL LABORATORIES Contract : Shaw E&I, Inc

Lab Code: GPL Case No: N/A SAS No:N/A SDG No : 510166

Lab File ID: C40863.D Date Analyzed: 11/02/2005 Time Analyzed: 08:48

	NAPHD8		PERYD12		PHAND10	
	Area #	RT #	Area #	RT #	Area #	RT #
12 HOUR STD	2369876	14.87	1531988	38.03	1932313	25.12
UPPER LIMIT	4739752	15.37	3063976	38.53	3864626	25.62
LOWER LIMIT	1184938	14.37	765994	37.53	966157	24.62
Client Sample						
B051031 BE-1 TCLP	1360552	14.85	954758	38.01	1177522	25.12
BKS78421	1335136	14.85	920145	38.01	1156091	25.12
BLK78421	1490100	14.85	1105042	38.01	1333696	25.12
DS-B-1	1417921	14.85	1016363	38.02	1227717	25.11
	1425231	14.85	1103763	38.01	1303828	25.11
DS-B-2	1365726	14.86	940854	38.01	1223033	25.12
DS-B-3	1486930	14.86	1072184	38.01	1348910	25.12
DS-C-1	1361114	14.85	988075	38.01	1203654	25.12

ACNPD10 = acenaphthene-d1
CHRYSENED12 = Chrysene-d1
DCBZ14D4 = 1,4-Dichlorobenzene-d
NAPHD8 = Naphthalene-d
PERYD12 = Perylene-d1
PHAND10 = phenanthrene-d1

AREA UPPER LIMIT = +100% of internal standard are
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +.50 minutes of internal standard RT
RT LOWER LIMIT = -.50 minutes of internal standard RT
Column to be used to flag values outside QC limit with an asteris
* Values outside of contract required QC limits

6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: GPL LABORATORIES Contract:

Lab Code: GPL Case No.: SAS No.: SDG No.:

Instrument ID: #C Calibration Date(s): 07/07/05 07/07/05

Calibration Times: 14:51 19:16

LAB FILE ID: RRF10 = C40148.D RRF20 = C40149.D RRF160 = C40147.D

RRF50 = C40146.D RRF80 = C40150.D RRF120 = C40151.D

COMPOUND	RRF10	RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD
Pyridine	1.396	1.223	1.021	1.190	1.147	1.093	1.179	10.9
1,4-Dichlorobenzene	1.850	1.658	1.214	1.349	1.261	1.167	1.417	19.4
2-Methylphenol	1.261	1.209	0.922	1.045	0.986	0.923	1.058	13.7
Hexachloroethane	0.798	0.744	0.565	0.642	0.592	0.552	0.649	15.5
3 & 4-Methylphenol	1.311	1.226	0.907	1.019	0.940	0.865	1.045	17.5
Nitrobenzene	0.483	0.467	0.354	0.391	0.360	0.348	0.400	15.0
Hexachlorobutadiene	0.292	0.267	0.209	0.222	0.202	0.193	0.231	17.3
2,4,6-Trichlorophenol	0.411	0.412	0.350	0.389	0.365	0.342	0.378	8.1
2,4,5-Trichlorophenol	0.460	0.410	0.364	0.402	0.374	0.352	0.394	10.0
2,4-Dinitrotoluene	0.389	0.424	0.409	0.475	0.455	0.447	0.433	7.3
Hexachlorobenzene	0.357	0.333	0.264	0.280	0.262	0.254	0.292	14.7
Pentachlorophenol	0.105	0.143	0.166	0.192	0.184	0.186	0.163	20.5
2-Fluorophenol	1.490	1.354	1.046	1.171	1.122	1.048	1.205	14.9
Phenol-d5	1.792	1.676	1.296	1.474	1.396	1.317	1.492	13.5
Nitrobenzene-d5	0.449	0.430	0.347	0.391	0.371	0.363	0.392	10.2
2-Fluorobiphenyl	1.441	1.313	0.965	1.041	0.960	0.874	1.099	20.5
2,4,6-Tribromophenol	0.256	0.274	0.246	0.272	0.259	0.260	0.261	4.0
Terphenyl-d14	0.961	0.911	0.653	0.735	0.683	0.630	0.762	18.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: GPL LABORATORIES Contract:

Lab Code: GPL Case No.: SAS No.: SDG No.:

Instrument ID: #C Calibration Date: 11/02/05 Time: 08:48

Lab File ID: C40863.D Init. Calib. Date(s): 07/07/05 07/07/05

Init. Calib. Times: 14:51 19:16

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Pyridine	1.179	1.047		11.2	
1,4-Dichlorobenzene	1.417	1.204		15.0	
2-Methylphenol	1.058	0.888		16.0	
Hexachloroethane	0.649	0.559		13.8	
3 & 4-Methylphenol	1.045	0.810		22.5	
Nitrobenzene	0.400	0.362		9.5	
Hexachlorobutadiene	0.231	0.197		14.5	
2,4,6-Trichlorophenol	0.378	0.342		9.7	
2,4,5-Trichlorophenol	0.394	0.343		13.0	
2,4-Dinitrotoluene	0.433	0.389		10.2	
Hexachlorobenzene	0.292	0.249		14.7	
Pentachlorophenol	0.163	0.138		15.3	
2-Fluorophenol	1.205	1.115		7.5	
Phenol-d5	1.492	1.271		14.8	
Nitrobenzene-d5	0.392	0.364		7.1	
2-Fluorobiphenyl	1.099	0.966		12.1	
2,4,6-Tribromophenol	0.261	0.192		26.5	
Terphenyl-d14	0.762	0.690		9.4	

All other compounds must meet a minimum RRF of 0.010.

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK78421

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code	GPL	SAS NO. :	
Case No.		SDG NO :	510166
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK78421
Sample Volume :	1000	Lab File ID :	C40864.D
% Moisture:		Date Received	
Extraction:	SW3510C	Date Extracte	11/01/2005
Extract Volume	1 mL	Date Analyzed	11/02/2005
Injection Volume :	1 µL	Dilution Factor	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : ug/L

CAS NO	COMPOUND		Q
106-46-7	1,4-Dichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
121-14-2	2,4-Dinitrotoluene	10	U
95-48-7	2-methylphenol	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
87-86-5	Pentachlorophenol	20	U
110-86-1	Pyridine	10	U

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Usability Review

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	11/9/2005
PROJECT NAME:	SAD AOC-2	**LABORATORY SDG:**	051109022

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from Adirondack Environmental Services, Inc. in Albany, NY. The results in this report are for eleven samples, collected at the AOC-2 site within the former Schenectady Army Depot (SAD) by Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table. The laboratory met all turn around commitments and the final report was received in Findlay, Ohio via express courier.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-F-14 through EX-F-22	11/9/2005	Soil	VOCs-8260B TAL Metals- 6010B/7000
EX-F-Duplicate 2	11/9/2005	Soil	VOCs-8260B TAL Metals- 6010B/7000
Trip Blank	11/9/2005	Water	VOs-8260B

The sample cooler was hand-delivered to the laboratory and received with ice and at the proper temperature. Chain-of-custody documentation was complete and accurate. The laboratory provided faxed preliminary results within the requested TAT and the final report was also received in a timely manner as was additional QC when requested for review. The following describes the overall QA/QC indicators.

VOCs by SW-846 Method 8260B

The samples were extracted and analyzed within the hold times. Per the Case Narrative, the GC/MS system was tuned in accordance with the method requirements and calibrated properly for all of the target analytes and surrogate compounds. All ISTD areas and retention-times were within limits for all analysis runs. The Trip Blank contains no target analytes.

The LCB contained no target analytes at a concentration >PQL. The laboratory performed QC Matrix analyses on sample EX-F-17, spiking with the CLP spike compounds. Recovery and precision for all spiked compounds is within project objectives or indicative of high bias which has no affect on the reported results. The BFB surrogate recovery was low in sample EX-F-22. Data acceptance of the reported <PQL results is based upon the acceptable and/or high-bias recoveries for the other two surrogate compounds. All other surrogate recoveries are within project limits for data usability.

TAL Metals by SW-846 Methods 6010B and 7471A

The samples were digested and analyzed within the required hold-times. Per the Case Narrative both the ICP and CVAA systems were properly calibrated. The Laboratory Control/Method Blanks contained no analytes at concentrations equal to the PQL.

All QC recoveries were within laboratory and project objectives for the mercury analysis as was duplicate precision and QC Matrix performance. LCS recovery for aluminum and iron is below limits and due to the high concentrations present in the native sample QC Matrix recoveries for these analytes are indeterminate. Antimony recovery in both the LCS and MS was poor (LCS-20% MS-6%) and there is no evidence of a post-digest spike analysis. All data for this analyte should be rejected. However, since the samples were for over-excavation confirmatory purposes in an area where antimony failure had not occurred, there is no effect on project decision-making processes. Matrix recovery for silver is also below limits (<50%) and this data should be qualified as estimated. The same argument for data use applies to silver as for antimony. All other recovery and precision estimates meet objectives.

Summary of Analysis

Except for the previously mentioned rejection of all antimony results, which have no affect on the intended decision, the overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The results reported should be utilized without reservation in the intended decision-making process.

Guy Gallello, Jr-Project Chemist

12/2/2005
Date

Adirondack Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

November 15, 2005

Guy Gallello
Shaw Environmental & Infrastructure
16406 US Route 224 East
Findlay, OH 45840

TEL: (419) 425-6080
FAX: (419) 425-6085

Work Order No: 051109022

RE: Soil & Water Analysis
Former Schenectady Army Depot

Dear Guy Gallello:

Adirondack Environmental Services, Inc received 11 samples on 11/9/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709
AIHA#: 100307

Tara Daniels
Laboratory Manager

Guy Gallello - FAX

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-14
Collection Date: 11/9/2005
Lab Sample ID: 051109022-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	10100	5.00		µg/g	1	11/10/2005 12:21:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 12:21:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 12:21:00 PM
Barium	22.8	0.50		µg/g	1	11/10/2005 12:21:00 PM
Beryllium	0.72	0.25		µg/g	1	11/10/2005 12:21:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 12:21:00 PM
Calcium	1000	25.0		µg/g	1	11/10/2005 12:21:00 PM
Chromium	18.1	0.25		µg/g	1	11/10/2005 12:21:00 PM
Cobalt	7.82	2.50		µg/g	1	11/10/2005 12:21:00 PM
Copper	27.1	0.25		µg/g	1	11/10/2005 12:21:00 PM
Iron	15900	25.0		µg/g	10	11/10/2005 1:50:00 PM
Lead	7.89	0.25		µg/g	1	11/10/2005 12:21:00 PM
Magnesium	4260	25.0		µg/g	1	11/10/2005 12:21:00 PM
Manganese	130	0.50		µg/g	1	11/10/2005 12:21:00 PM
Nickel	4.14	2.50		µg/g	1	11/10/2005 12:21:00 PM
Potassium	408	25.0		µg/g	1	11/10/2005 12:21:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 12:21:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 12:21:00 PM
Sodium	141	25.0		µg/g	1	11/10/2005 12:21:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 12:21:00 PM
Vanadium	14.0	2.50		µg/g	1	11/10/2005 12:21:00 PM
Zinc	58.0	0.50		µg/g	1	11/10/2005 12:21:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	< 0.020	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	< 10	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-14
Collection Date: 11/9/2005
Lab Sample ID: 051109022-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-15
Collection Date: 11/9/2005
Lab Sample ID: 051109022-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	8920	5.00		µg/g	1	11/10/2005 12:38:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 12:38:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 12:38:00 PM
Barium	395	0.50		µg/g	1	11/10/2005 12:38:00 PM
Beryllium	0.57	0.25		µg/g	1	11/10/2005 12:38:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 12:38:00 PM
Calcium	3240	25.0		µg/g	1	11/10/2005 12:38:00 PM
Chromium	14.4	0.25		µg/g	1	11/10/2005 12:38:00 PM
Cobalt	7.63	2.50		µg/g	1	11/10/2005 12:38:00 PM
Copper	19.8	0.25		µg/g	1	11/10/2005 12:38:00 PM
Iron	13000	25.0		µg/g	10	11/10/2005 1:57:00 PM
Lead	10.7	0.25		µg/g	1	11/10/2005 12:38:00 PM
Magnesium	3550	25.0		µg/g	1	11/10/2005 12:38:00 PM
Manganese	203	0.50		µg/g	1	11/10/2005 12:38:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/10/2005 12:38:00 PM
Potassium	492	25.0		µg/g	1	11/10/2005 12:38:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 12:38:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 12:38:00 PM
Sodium	237	25.0		µg/g	1	11/10/2005 12:38:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 12:38:00 PM
Vanadium	11.6	2.50		µg/g	1	11/10/2005 12:38:00 PM
Zinc	398	0.50		µg/g	1	11/10/2005 12:38:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.030	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	14	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-15
Collection Date: 11/9/2005
Lab Sample ID: 051109022-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-16
Collection Date: 11/9/2005
Lab Sample ID: 051109022-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	7870	5.00		µg/g	1	11/10/2005 12:43:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 12:43:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 12:43:00 PM
Barium	23.0	0.50		µg/g	1	11/10/2005 12:43:00 PM
Beryllium	0.39	0.25		µg/g	1	11/10/2005 12:43:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 12:43:00 PM
Calcium	1420	25.0		µg/g	1	11/10/2005 12:43:00 PM
Chromium	14.7	0.25		µg/g	1	11/10/2005 12:43:00 PM
Cobalt	7.55	2.50		µg/g	1	11/10/2005 12:43:00 PM
Copper	23.1	0.25		µg/g	1	11/10/2005 12:43:00 PM
Iron	17900	25.0		µg/g	10	11/10/2005 2:01:00 PM
Lead	7.05	0.25		µg/g	1	11/10/2005 12:43:00 PM
Magnesium	3190	25.0		µg/g	1	11/10/2005 12:43:00 PM
Manganese	124	0.50		µg/g	1	11/10/2005 12:43:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/10/2005 12:43:00 PM
Potassium	488	25.0		µg/g	1	11/10/2005 12:43:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 12:43:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 12:43:00 PM
Sodium	172	25.0		µg/g	1	11/10/2005 12:43:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 12:43:00 PM
Vanadium	11.2	2.50		µg/g	1	11/10/2005 12:43:00 PM
Zinc	50.0	0.50		µg/g	1	11/10/2005 12:43:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.028	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	< 10	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-16
Collection Date: 11/9/2005
Lab Sample ID: 051109022-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-17
Collection Date: 11/9/2005
Lab Sample ID: 051109022-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	5820	5.00		µg/g	1	11/10/2005 12:53:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 12:53:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 12:53:00 PM
Barium	16.8	0.50		µg/g	1	11/10/2005 12:53:00 PM
Beryllium	0.33	0.25		µg/g	1	11/10/2005 12:53:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 12:53:00 PM
Calcium	1340	25.0		µg/g	1	11/10/2005 12:53:00 PM
Chromium	10.8	0.25		µg/g	1	11/10/2005 12:53:00 PM
Cobalt	5.45	2.50		µg/g	1	11/10/2005 12:53:00 PM
Copper	15.4	0.25		µg/g	1	11/10/2005 12:53:00 PM
Iron	10400	25.0		µg/g	10	11/10/2005 2:07:00 PM
Lead	5.12	0.25		µg/g	1	11/10/2005 12:53:00 PM
Magnesium	2620	25.0		µg/g	1	11/10/2005 12:53:00 PM
Manganese	126	0.50		µg/g	1	11/10/2005 12:53:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/10/2005 12:53:00 PM
Potassium	336	25.0		µg/g	1	11/10/2005 12:53:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 12:53:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 12:53:00 PM
Sodium	140	25.0		µg/g	1	11/10/2005 12:53:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 12:53:00 PM
Vanadium	8.29	2.50		µg/g	1	11/10/2005 12:53:00 PM
Zinc	40.7	0.50		µg/g	1	11/10/2005 12:53:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	< 0.020	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	< 10	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-17
Collection Date: 11/9/2005
Lab Sample ID: 051109022-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
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R - RPD outside accepted recovery limits
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E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-18
Collection Date: 11/9/2005
Lab Sample ID: 051109022-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	11900	5.00		µg/g	1	11/10/2005 12:57:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 12:57:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 12:57:00 PM
Barium	79.5	0.50		µg/g	1	11/10/2005 12:57:00 PM
Beryllium	0.97	0.25		µg/g	1	11/10/2005 12:57:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 12:57:00 PM
Calcium	2650	25.0		µg/g	1	11/10/2005 12:57:00 PM
Chromium	17.1	0.25		µg/g	1	11/10/2005 12:57:00 PM
Cobalt	13.5	2.50		µg/g	1	11/10/2005 12:57:00 PM
Copper	22.9	0.25		µg/g	1	11/10/2005 12:57:00 PM
Iron	13400	25.0		µg/g	10	11/10/2005 2:23:00 PM
Lead	8.05	0.25		µg/g	1	11/10/2005 12:57:00 PM
Magnesium	3820	25.0		µg/g	1	11/10/2005 12:57:00 PM
Manganese	225	0.50		µg/g	1	11/10/2005 12:57:00 PM
Nickel	8.63	2.50		µg/g	1	11/10/2005 12:57:00 PM
Potassium	589	25.0		µg/g	1	11/10/2005 12:57:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 12:57:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 12:57:00 PM
Sodium	445	25.0		µg/g	1	11/10/2005 12:57:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 12:57:00 PM
Vanadium	16.5	2.50		µg/g	1	11/10/2005 12:57:00 PM
Zinc	50.5	0.50		µg/g	1	11/10/2005 12:57:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.024	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	< 10	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-18
Collection Date: 11/9/2005
Lab Sample ID: 051109022-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-19
Collection Date: 11/9/2005
Lab Sample ID: 051109022-006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	7700	5.00		µg/g	1	11/10/2005 1:13:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 1:13:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 1:13:00 PM
Barium	43.6	0.50		µg/g	1	11/10/2005 1:13:00 PM
Beryllium	0.42	0.25		µg/g	1	11/10/2005 1:13:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 1:13:00 PM
Calcium	18400	250		µg/g	10	11/10/2005 2:29:00 PM
Chromium	14.4	0.25		µg/g	1	11/10/2005 1:13:00 PM
Cobalt	7.87	2.50		µg/g	1	11/10/2005 1:13:00 PM
Copper	22.7	0.25		µg/g	1	11/10/2005 1:13:00 PM
Iron	16200	25.0		µg/g	10	11/10/2005 2:29:00 PM
Lead	6.20	0.25		µg/g	1	11/10/2005 1:13:00 PM
Magnesium	6720	25.0		µg/g	1	11/10/2005 1:13:00 PM
Manganese	365	0.50		µg/g	1	11/10/2005 1:13:00 PM
Nickel	3.80	2.50		µg/g	1	11/10/2005 1:13:00 PM
Potassium	951	25.0		µg/g	1	11/10/2005 1:13:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 1:13:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 1:13:00 PM
Sodium	345	25.0		µg/g	1	11/10/2005 1:13:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 1:13:00 PM
Vanadium	9.95	2.50		µg/g	1	11/10/2005 1:13:00 PM
Zinc	50.6	0.50		µg/g	1	11/10/2005 1:13:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.024	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	31	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-19
Collection Date: 11/9/2005
Lab Sample ID: 051109022-006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-20
Collection Date: 11/9/2005
Lab Sample ID: 051109022-007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	9980	5.00		µg/g	1	11/10/2005 1:28:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 1:28:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 1:28:00 PM
Barium	58.2	0.50		µg/g	1	11/10/2005 1:28:00 PM
Beryllium	0.56	0.25		µg/g	1	11/10/2005 1:28:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 1:28:00 PM
Calcium	15500	250		µg/g	10	11/10/2005 2:38:00 PM
Chromium	18.9	0.25		µg/g	1	11/10/2005 1:28:00 PM
Cobalt	9.67	2.50		µg/g	1	11/10/2005 1:28:00 PM
Copper	30.7	0.25		µg/g	1	11/10/2005 1:28:00 PM
Iron	20500	25.0		µg/g	10	11/10/2005 2:38:00 PM
Lead	7.75	0.25		µg/g	1	11/10/2005 1:28:00 PM
Magnesium	8350	25.0		µg/g	1	11/10/2005 1:28:00 PM
Manganese	440	0.50		µg/g	1	11/10/2005 1:28:00 PM
Nickel	6.12	2.50		µg/g	1	11/10/2005 1:28:00 PM
Potassium	1130	25.0		µg/g	1	11/10/2005 1:28:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 1:28:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 1:28:00 PM
Sodium	253	25.0		µg/g	1	11/10/2005 1:28:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 1:28:00 PM
Vanadium	12.7	2.50		µg/g	1	11/10/2005 1:28:00 PM
Zinc	64.8	0.50		µg/g	1	11/10/2005 1:28:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.025	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	11	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-20
Collection Date: 11/9/2005
Lab Sample ID: 051109022-007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-21
Collection Date: 11/9/2005
Lab Sample ID: 051109022-008
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	7540	5.00		µg/g	1	11/10/2005 1:32:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 1:32:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 1:32:00 PM
Barium	60.3	0.50		µg/g	1	11/10/2005 1:32:00 PM
Beryllium	0.42	0.25		µg/g	1	11/10/2005 1:32:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 1:32:00 PM
Calcium	12300	250		µg/g	10	11/10/2005 2:45:00 PM
Chromium	14.2	0.25		µg/g	1	11/10/2005 1:32:00 PM
Cobalt	7.46	2.50		µg/g	1	11/10/2005 1:32:00 PM
Copper	22.0	0.25		µg/g	1	11/10/2005 1:32:00 PM
Iron	13600	25.0		µg/g	10	11/10/2005 2:45:00 PM
Lead	4.97	0.25		µg/g	1	11/10/2005 1:32:00 PM
Magnesium	6660	25.0		µg/g	1	11/10/2005 1:32:00 PM
Manganese	360	0.50		µg/g	1	11/10/2005 1:32:00 PM
Nickel	3.45	2.50		µg/g	1	11/10/2005 1:32:00 PM
Potassium	872	25.0		µg/g	1	11/10/2005 1:32:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 1:32:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 1:32:00 PM
Sodium	232	25.0		µg/g	1	11/10/2005 1:32:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 1:32:00 PM
Vanadium	9.67	2.50		µg/g	1	11/10/2005 1:32:00 PM
Zinc	48.0	0.50		µg/g	1	11/10/2005 1:32:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.022	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	17	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

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E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-21
Collection Date: 11/9/2005
Lab Sample ID: 051109022-008
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:

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E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-22
Collection Date: 11/9/2005
Lab Sample ID: 051109022-009
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	8850	5.00		µg/g	1	11/10/2005 1:36:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 1:36:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 1:36:00 PM
Barium	30.0	0.50		µg/g	1	11/10/2005 1:36:00 PM
Beryllium	0.40	0.25		µg/g	1	11/10/2005 1:36:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 1:36:00 PM
Calcium	13300	250		µg/g	10	11/10/2005 2:52:00 PM
Chromium	17.9	0.25		µg/g	1	11/10/2005 1:36:00 PM
Cobalt	9.90	2.50		µg/g	1	11/10/2005 1:36:00 PM
Copper	27.7	0.25		µg/g	1	11/10/2005 1:36:00 PM
Iron	18000	25.0		µg/g	10	11/10/2005 2:52:00 PM
Lead	11.0	0.25		µg/g	1	11/10/2005 1:36:00 PM
Magnesium	8440	25.0		µg/g	1	11/10/2005 1:36:00 PM
Manganese	466	0.50		µg/g	1	11/10/2005 1:36:00 PM
Nickel	7.11	2.50		µg/g	1	11/10/2005 1:36:00 PM
Potassium	841	25.0		µg/g	1	11/10/2005 1:36:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 1:36:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 1:36:00 PM
Sodium	269	25.0		µg/g	1	11/10/2005 1:36:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 1:36:00 PM
Vanadium	10.9	2.50		µg/g	1	11/10/2005 1:36:00 PM
Zinc	53.9	0.50		µg/g	1	11/10/2005 1:36:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.028	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	13	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
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Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-22
Collection Date: 11/9/2005
Lab Sample ID: 051109022-009
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-Duplicate #2
Collection Date: 11/9/2005
Lab Sample ID: 051109022-010
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	9320	5.00		µg/g	1	11/10/2005 1:42:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/10/2005 1:42:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/10/2005 1:42:00 PM
Barium	60.2	0.50		µg/g	1	11/10/2005 1:42:00 PM
Beryllium	0.50	0.25		µg/g	1	11/10/2005 1:42:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/10/2005 1:42:00 PM
Calcium	12400	250		µg/g	10	11/10/2005 3:01:00 PM
Chromium	17.8	0.25		µg/g	1	11/10/2005 1:42:00 PM
Cobalt	9.39	2.50		µg/g	1	11/10/2005 1:42:00 PM
Copper	28.2	0.25		µg/g	1	11/10/2005 1:42:00 PM
Iron	15900	25.0		µg/g	10	11/10/2005 3:01:00 PM
Lead	9.09	0.25		µg/g	1	11/10/2005 1:42:00 PM
Magnesium	8030	25.0		µg/g	1	11/10/2005 1:42:00 PM
Manganese	457	0.50		µg/g	1	11/10/2005 1:42:00 PM
Nickel	5.57	2.50		µg/g	1	11/10/2005 1:42:00 PM
Potassium	1060	25.0		µg/g	1	11/10/2005 1:42:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/10/2005 1:42:00 PM
Silver	< 1.00	1.00		µg/g	1	11/10/2005 1:42:00 PM
Sodium	243	25.0		µg/g	1	11/10/2005 1:42:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/10/2005 1:42:00 PM
Vanadium	12.0	2.50		µg/g	1	11/10/2005 1:42:00 PM
Zinc	58.5	0.50		µg/g	1	11/10/2005 1:42:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.022	0.020		µg/g	1	11/11/2005
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	11/10/2005
Bromomethane	< 10	10		µg/Kg	1	11/10/2005
Vinyl chloride	< 10	10		µg/Kg	1	11/10/2005
Chloroethane	< 10	10		µg/Kg	1	11/10/2005
Methylene chloride	< 5	5		µg/Kg	1	11/10/2005
Acetone	< 10	10		µg/Kg	1	11/10/2005
Carbon disulfide	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/10/2005
Chloroform	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: EX-F-Duplicate #2
Collection Date: 11/9/2005
Lab Sample ID: 051109022-010
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
2-Butanone	< 10	10		µg/Kg	1	11/10/2005
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Carbon tetrachloride	< 5	5		µg/Kg	1	11/10/2005
Bromodichloromethane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/10/2005
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Trichloroethene	< 5	5		µg/Kg	1	11/10/2005
Dibromochloromethane	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/10/2005
Benzene	< 5	5		µg/Kg	1	11/10/2005
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/10/2005
Bromoform	< 5	5		µg/Kg	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/10/2005
2-Hexanone	< 10	10		µg/Kg	1	11/10/2005
Tetrachloroethene	< 5	5		µg/Kg	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/10/2005
Toluene	< 5	5		µg/Kg	1	11/10/2005
Chlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Ethylbenzene	< 5	5		µg/Kg	1	11/10/2005
Styrene	< 5	5		µg/Kg	1	11/10/2005
m,p-Xylene	< 5	5		µg/Kg	1	11/10/2005
o-Xylene	< 5	5		µg/Kg	1	11/10/2005
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/10/2005
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/10/2005
Methyl Acetate	< 5	5		µg/Kg	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/10/2005
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/10/2005
Cyclohexane	< 10	10		µg/Kg	1	11/10/2005
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/10/2005
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
Isopropylbenzene	< 5	5		µg/Kg	1	11/10/2005
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/10/2005
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/10/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: Trip Blank
Collection Date: 11/9/2005
Lab Sample ID: 051109022-011
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	11/10/2005
Bromomethane	< 10	10		µg/L	1	11/10/2005
Vinyl chloride	< 10	10		µg/L	1	11/10/2005
Chloroethane	< 10	10		µg/L	1	11/10/2005
Methylene chloride	< 5.0	5.0		µg/L	1	11/10/2005
Acetone	< 10	10		µg/L	1	11/10/2005
Carbon disulfide	< 5.0	5.0		µg/L	1	11/10/2005
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	11/10/2005
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	11/10/2005
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	11/10/2005
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	11/10/2005
Chloroform	< 5.0	5.0		µg/L	1	11/10/2005
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	11/10/2005
2-Butanone	< 10	10		µg/L	1	11/10/2005
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	11/10/2005
Carbon tetrachloride	< 5.0	5.0		µg/L	1	11/10/2005
Bromodichloromethane	< 5.0	5.0		µg/L	1	11/10/2005
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	11/10/2005
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	11/10/2005
Trichloroethene	< 5.0	5.0		µg/L	1	11/10/2005
Dibromochloromethane	< 5.0	5.0		µg/L	1	11/10/2005
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	11/10/2005
Benzene	< 5.0	5.0		µg/L	1	11/10/2005
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	11/10/2005
Bromoform	< 5.0	5.0		µg/L	1	11/10/2005
4-Methyl-2-pentanone	< 10	10		µg/L	1	11/10/2005
2-Hexanone	< 10	10		µg/L	1	11/10/2005
Tetrachloroethene	< 5.0	5.0		µg/L	1	11/10/2005
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	11/10/2005
Toluene	< 5.0	5.0		µg/L	1	11/10/2005
Chlorobenzene	< 5.0	5.0		µg/L	1	11/10/2005
Ethylbenzene	< 5.0	5.0		µg/L	1	11/10/2005
Styrene	< 5.0	5.0		µg/L	1	11/10/2005
m,p-Xylene	< 5.0	5.0		µg/L	1	11/10/2005
o-Xylene	< 5.0	5.0		µg/L	1	11/10/2005
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	11/10/2005
Dichlorodifluoromethane	< 10	10		µg/L	1	11/10/2005
Methyl Acetate	< 5.0	5.0		µg/L	1	11/10/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	11/10/2005

Qualifiers:
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* - Value exceeds Maximum Contaminant Level
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T - Tentitively Identified Compound-Estimated Conc.
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Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Soil & Water Analysis
PO#:

Client Sample ID: Trip Blank
Collection Date: 11/9/2005
Lab Sample ID: 051109022-011
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Cyclohexane	< 10	10		µg/L	1	11/10/2005
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	11/10/2005
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	11/10/2005
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	11/10/2005
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	11/10/2005
Isopropylbenzene	< 5.0	5.0		µg/L	1	11/10/2005
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	11/10/2005
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	11/10/2005
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	11/10/2005
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	11/10/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: SHAW Environmental	Address: Findlay OH	
Send Report To: Guy Gallello	Project Name (Location) Former Schlatter Army Depot	Samplers: (Names) Anthony Perretta
Client Phone No:	Client Fax No:	PO Number:
Samplers: (Signature)		

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	Ex-F-14	11/9	8:40	A P	soil			2	8260, TAL metals + Hg
002	Ex-F-15	11/9	8:45	A P	soil			2	
003	Ex-F-16	11/9	8:50	A P	soil			2	
004	Ex-F-17	11/9	9:30	A P	soil			2	
005	Ex-F-18	11/9	9:35	A P	soil			2	
006	Ex-F-19	11/9	8:55	A P	soil			2	
007	Ex-F-20	11/9	9:05	A P	soil			2	
008	Ex-F-21	11/9	9:20	A P	soil			2	
009	Ex-F-22	11/9	9:25	A P	soil			2	
010	Ex-F-Duplicate #2	11/9		A P	soil			2	
011	Trip Blank			A P	water			1	8260
				A P					
				A P					
				A P					

AES Work Order #: 051109022

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☐ 1 Day ☒ 3 Day ☐ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time 11/9/05 11:[illegible]

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc

Date: *01-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

Sample ID MB-R29258 SampType: MBLK TestCode: EPA_8260_S Units: µg/Kg Prep Date: Run ID: GCMS-D_051110A
Client ID: ZZZZZ Batch ID: R29258 TestNo: SW8260B Analysis Date: 11/10/2005 SeqNo: 314196

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	<	10									
Bromomethane	<	10									
Vinyl chloride	<	10									
Chloroethane	<	10									
Methylene chloride	<	5.0									
Acetone	<	10									
Carbon disulfide	<	5.0									
1,1-Dichloroethene	<	5.0									
1,1-Dichloroethane	<	5.0									
trans-1,2-Dichloroethene	<	5.0									
cis-1,2-Dichloroethene	<	5.0									
Chloroform	<	5.0									
1,2-Dichloroethane	<	5.0									
2-Butanone	<	10									
1,1,1-Trichloroethane	<	5.0									
Carbon tetrachloride	<	5.0									
Bromodichloromethane	<	5.0									
1,2-Dichloropropane	<	5.0									
cis-1,3-Dichloropropene	<	5.0									
Trichloroethene	<	5.0									
Dibromochloromethane	<	5.0									
1,1,2-Trichloroethane	<	5.0									
Benzene	<	5.0									
trans-1,3-Dichloropropene	<	5.0									
Bromoform	<	5.0									
4-Methyl-2-pentanone	<	10									
2-Hexanone	<	10									
Tetrachloroethene	<	5.0									
1,1,2,2-Tetrachloroethane	<	5.0									
Toluene	<	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

Sample ID: MB-R29258 SampType: MBLK TestCode: EPA_8260_S Units: µg/Kg Prep Date: Run ID: GCMS-D_051110A
Client ID: ZZZZZ Batch ID: R29258 TestNo: SW8260B Analysis Date: 11/10/2005 SeqNo: 314196

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	<	5.0									
Ethylbenzene	<	5.0									
Styrene	<	5.0									
m,p-Xylene	<	5.0									
o-Xylene	<	5.0									
Methyl tert-butyl ether	<	5.0									
Dichlorodifluoromethane	<	5.0									
Methyl Acetate	<	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	<	5.0									
Trichlorofluoromethane	<	5.0									
Cyclohexane	<	10									
Methyl Cyclohexane	<	5.0									
1,2-Dibromoethane	<	5.0									
1,3-Dichlorobenzene	<	5.0									
Isopropylbenzene	<	5.0									
1,2-Dichlorobenzene	<	5.0									
1,4-Dichlorobenzene	<	5.0									
1,2-Dibromo-3-chloropropane	<	5.0									
1,2,4-Trichlorobenzene	<	5.0									
Surr: 1,2-Dichloroethane-d4	54.84	5.0	50	0	110	72	138	0	0		
Surr: 4-Bromofluorobenzene	48.96	5.0	50	0	97.9	71.4	134	0	0		
Surr: Toluene-d8	56.29	5.0	50	0	113	80	131	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID MBLK | SampType: MBLK | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051110A
Client ID: ZZZZZ | Batch ID: 9800 | TestNo: SW6010B (SW3050A) | Analysis Date: 11/10/2005 | SeqNo: 312966

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									
Barium	<	0.500									
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	<	25.0									
Chromium	<	0.250									
Cobalt	<	2.50									
Copper	<	0.250									
Iron	<	2.50									
Lead	<	0.250									
Magnesium	<	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	<	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	<	0.500									

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051110A
Client ID: ZZZZZ | Batch ID: 9800 | TestNo: SW6010B (SW3050A) | Analysis Date: 11/10/2005 | SeqNo: 312967

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5476	5.00	7640	0	71.7	80	120	0	0		S
Antimony	16.59	3.00	84.5	0.002	19.6	80	120	0	0		S
Arsenic	88.81	0.250	95.9	0.127	92.5	80	120	0	0		
Barium	151.9	0.500	157	0	96.7	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051110A
Client ID: ZZZZZ | Batch ID: 9800 | TestNo: SW6010B | (SW3050A) | Analysis Date: 11/10/2005 | SeqNo: 312967

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	51.07	0.250	50.5	0	101	80	120	0	0		
Cadmium	55.4	0.250	54.6	0	101	80	120	0	0		
Calcium	3924	25.0	3800	0	103	80	120	0	0		
Chromium	66.69	0.250	68.8	0.0795	96.8	80	120	0	0		
Cobalt	74.48	2.50	77.5	0.006	96.1	80	120	0	0		
Copper	81.32	0.250	83.8	0.022	97	80	120	0	0		
Iron	6421	2.50	12100	0	53.1	80	120	0	0		S
Lead	124.9	0.250	121	0	103	80	120	0	0		
Magnesium	2324	25.0	2720	0	85.4	80	120	0	0		
Manganese	406.7	0.500	469	0	86.7	80	120	0	0		
Nickel	47.02	2.50	54.5	0	86.3	80	120	0	0		
Potassium	1940	25.0	2190	0	88.6	80	120	0	0		
Selenium	88.01	0.250	102	0	86.3	80	120	0	0		
Silver	86.76	1.00	106	0.000002	81.9	80	120	0	0		
Sodium	372.7	25.0	248	0	150	80	120	0	0		S
Thallium	177	0.500	182	0	97.2	80	120	0	0		
Vanadium	99.2	2.50	118	0.164	83.9	80	120	0	0		
Zinc	233	0.500	243	0	95.9	80	120	0	0		

Sample ID 051109022-001A MS | SampType: MS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051110A
Client ID: EX-F-14 | Batch ID: 9800 | TestNo: SW6010B | (SW3050A) | Analysis Date: 11/10/2005 | SeqNo: 312986

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	9811	5.00	100	10050	-244	75	125	0	0		S
Antimony	<	3.00	25	0.0115	5.87	75	125	0	0		S
Arsenic	1.488	0.250	2	0	74.4	75	125	0	0		S
Barium	120	0.500	100	22.75	97.2	75	125	0	0		
Beryllium	3.146	0.250	2.5	0.724	96.9	75	125	0	0		
Cadmium	1.96	0.250	2.5	0	78.4	75	125	0	0		
Chromium	27.43	0.250	10	18.14	92.8	75	125	0	0		
Cobalt	30.84	2.50	25	7.818	92.1	75	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051109022-001A MS SampType: MS TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051110A
Client ID: EX-F-14 Batch ID: 9800 TestNo: SW6010B (SW3050A) Analysis Date: 11/10/2005 SeqNo: 312986

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	39.86	0.250	12.5	27.14	102	75	125	0	0		
Iron	10960	2.50	50	10950	20.9	75	125	0	0		S
Lead	9.664	0.250	1	7.89	177	75	125	0	0		S
Manganese	193.4	0.500	25	129.8	255	75	125	0	0		S
Nickel	21.42	2.50	25	4.144	69.1	75	125	0	0		S
Selenium	0.3175	0.250	0.5	0	63.5	75	125	0	0		S
Silver	<	1.00	2.5	0	37.1	75	125	0	0		S
Thallium	1.282	0.500	2.5	0	51.3	75	125	0	0		S
Vanadium	34.56	2.50	25	13.96	82.4	75	125	0	0		
Zinc	82.27	0.500	25	58.02	97	75	125	0	0		

Sample ID 051109022-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051110A
Client ID: ZZZZZ Batch ID: 9800 TestNo: SW6010B Analysis Date: 11/10/2005 SeqNo: 312985

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	10010	5.00	0	0	0	0	0	10050	0.422	15.8	
Antimony	<	3.00	0	0	0	0	0	0.0115	0	20	
Arsenic	<	0.250	0	0	0	0	0	0	0	5.9	
Barium	22.73	0.500	0	0	0	0	0	22.75	0.114	17.9	
Beryllium	0.723	0.250	0	0	0	0	0	0.724	0.138	4.33	
Cadmium	<	0.250	0	0	0	0	0	0	0	11.1	
Calcium	996.8	25.0	0	0	0	0	0	1001	0.380	20	
Chromium	18.3	0.250	0	0	0	0	0	18.14	0.834	20	
Cobalt	7.93	2.50	0	0	0	0	0	7.818	1.43	17.4	
Copper	27.09	0.250	0	0	0	0	0	27.14	0.184	20	
Lead	7.826	0.250	0	0	0	0	0	7.89	0.808	20	
Magnesium	4259	25.0	0	0	0	0	0	4260	0.00647	20	
Manganese	130.6	0.500	0	0	0	0	0	129.8	0.608	20	
Nickel	3.761	2.50	0	0	0	0	0	4.144	9.68	14.6	
Potassium	413.3	25.0	0	0	0	0	0	408.1	1.25	20	
Selenium	<	0.250	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051109022-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051110A
Client ID: ZZZZZ Batch ID: 9800 TestNo: SW6010B Analysis Date: 11/10/2005 SeqNo: 312985

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	<	1.00	0	0	0	0	0	0	0	10.3	
Sodium	141.9	25.0	0	0	0	0	0	141.5	0.266	20	
Thallium	<	0.500	0	0	0	0	0	0	0	20	
Vanadium	13.97	2.50	0	0	0	0	0	13.96	0.0680	16.7	
Zinc	58.74	0.500	0	0	0	0	0	58.02	1.23	20	

Sample ID 051109022-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051110A
Client ID: ZZZZZ Batch ID: 9800 TestNo: SW6010B Analysis Date: 11/10/2005 SeqNo: 312997

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	15790	25.0	0	0	0	0	0	15910	0.721	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY_SOIL

Sample ID MB-9801 SampType: MBLK TestCode: MERCURY_S Units: µg/g Prep Date: 11/11/2005 Run ID: HG_051111B
Client ID: ZZZZZ Batch ID: 9801 TestNo: SW7471A (SW7471A) Analysis Date: 11/11/2005 SeqNo: 313345

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200									

Sample ID LCS-9801 SampType: LCS TestCode: MERCURY_S Units: µg/g Prep Date: 11/11/2005 Run ID: HG_051111B
Client ID: ZZZZZ Batch ID: 9801 TestNo: SW7471A (SW7471A) Analysis Date: 11/11/2005 SeqNo: 313346

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	4.9	0.200	5.82	0	84.2	65.1	134	0	0		

Sample ID 051109022-001A MS SampType: MS TestCode: MERCURY_S Units: µg/g Prep Date: 11/11/2005 Run ID: HG_051111B
Client ID: EX-F-14 Batch ID: 9801 TestNo: SW7471A (SW7471A) Analysis Date: 11/11/2005 SeqNo: 313386

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.1045	0.0200	0.1	0.0145	90	74.4	123	0	0		

Sample ID 051110055-001A MS SampType: MS TestCode: MERCURY_S Units: µg/g Prep Date: 11/11/2005 Run ID: HG_051111B
Client ID: ZZZZZ Batch ID: 9801 TestNo: SW7471A (SW7471A) Analysis Date: 11/11/2005 SeqNo: 313389

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.096	0.0200	0.1	0	96	74.4	123	0	0		

Sample ID 051110055-001A DP SampType: DUP TestCode: MERCURY_S Units: µg/g Prep Date: 11/11/2005 Run ID: HG_051111B
Client ID: ZZZZZ Batch ID: 9801 TestNo: SW7471A Analysis Date: 11/11/2005 SeqNo: 313388

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200	0	0	0	0	0	0	0	8.57	

Sample ID 051109022-001A DP SampType: DUP TestCode: MERCURY_S Units: µg/g Prep Date: 11/11/2005 Run ID: HG_051111B
Client ID: ZZZZZ Batch ID: 9801 TestNo: SW7471A Analysis Date: 11/11/2005 SeqNo: 313402

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY_SOIL

Sample ID: 051109022-001A DP SampType: DUP TestCode: MERCURY_S Units: µg/g Prep Date: 11/11/2005 Run ID: HG_051111B
Client ID: ZZZZZ Batch ID: 9801 TestNo: SW7471A Analysis Date: 11/11/2005 SeqNo: 313402

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200	0	0	0	0	0	0.0145	0	8.57	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Adirondack Environmental Services, Inc

Date: 02-Dec-05

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot
Test No: SW8260B **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DCA12D4					
051109022-001A	82.5	112	106					
051109022-002A	87.3	115	107					
051109022-003A	89.2	119	111					
051109022-004A	102	119	117					
051109022-005A	86.5	111	105					
051109022-006A	86.0	129	114					
051109022-007A	72.4	121	99.3					
051109022-008A	77.2	115	105					
051109022-009A	38.0 *	135 *	102					
051109022-010A	84.5	128	107					
MB-R29258	97.9	113	110					

Acronym		Surrogate	QC Limits
BR4FBZ	=	4-Bromofluorobenzene	86-115
BZMED8	=	Toluene-d8	81.3-129
DCA12D4	=	1,2-Dichloroethane-d4	76-114

*** Surrogate recovery outside acceptance limits**

Adirondack Environmental Services, Inc

Date: *02-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051109022
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

Sample ID 051109022-004A-MS SampType: MS TestCode: EPA_8260_S Units: µg/Kg Prep Date: Run ID: GCMS-D_051110A
Client ID: EX-F-17 Batch ID: GCMS-D_051 TestNo: SW8260B Analysis Date: 11/10/2005 SeqNo: 314391

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	83.79	5.0	50	0	168	70	130	0	0		S
Benzene	66.96	5.0	50	0	134	65.9	125	0	0		S
Chlorobenzene	60.5	5.0	50	0	121	78.9	123	0	0		
Toluene	64.38	5.0	50	0	129	73.6	124	0	0		S
Trichloroethene	65.26	5.0	50	0	131	71.1	117	0	0		S
Surr: 1,2-Dichloroethane-d4	55.77	5.0	50	0	112	72	138	0	0		
Surr: 4-Bromofluorobenzene	51.2	5.0	50	0	102	71.4	134	0	0		
Surr: Toluene-d8	65.92	5.0	50	0	132	80	131	0	0		S

Sample ID 051109022-004A-MS SampType: MSD TestCode: EPA_8260_S Units: µg/Kg Prep Date: Run ID: GCMS-D_051110A
Client ID: EX-F-17 Batch ID: GCMS-D_051 TestNo: SW8260B Analysis Date: 11/10/2005 SeqNo: 314392

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	74.98	5.0	50	0	150	70	130	83.79	11.1	30	S
Benzene	56.9	5.0	50	0	114	65.9	125	66.96	16.2	10.6	R
Chlorobenzene	56.69	5.0	50	0	113	78.9	123	60.5	6.50	17.2	
Toluene	58.32	5.0	50	0	117	73.6	124	64.38	9.89	14.2	
Trichloroethene	60.01	5.0	50	0	120	71.1	117	65.26	8.37	13.9	S
Surr: 1,2-Dichloroethane-d4	56.09	5.0	50	0	112	72	138	0	0	30	
Surr: 4-Bromofluorobenzene	47.72	5.0	50	0	95.4	71.4	134	0	0	30	
Surr: Toluene-d8	57.32	5.0	50	0	115	80	131	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Usability Review

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	11/11/2005
PROJECT NAME:	SAD AOC-2	**LABORATORY SDG:**	051111051

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from Adirondack Environmental Services, Inc. in Albany, NY. The results in this report are for seven samples, collected at the AOC-2 site within the former Schenectady Army Depot (SAD) by Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table. The laboratory met all turn around commitments and the final report was received in Findlay, Ohio via express courier.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-D-23 through EX-D-28	11/11/2005	Soil	TAL Metals- 6010B/7000
EX-D-Duplicate 3	11/11/2005	Soil	TAL Metals- 6010B/7000

The sample cooler was hand-delivered to the laboratory and received with ice. The high temperature noted (13 degrees C) is most likely due to the limited time the samples spent in the cooler under ice due to the close proximity of the site to the laboratory. Chain-of-custody documentation was complete and accurate. The laboratory provided faxed preliminary results within the requested TAT and the final report was also received in a timely manner as was additional QC when requested for review. The following describes the overall QA/QC indicators.

TAL Metals by SW-846 Methods 6010B and 7471A

The samples were digested and analyzed within the required hold-times. Per the Case Narrative both the ICP and CVAA systems were properly calibrated. The Laboratory Control/Method Blanks contained no analytes at concentrations equal to the PQL.

All QC recoveries were within laboratory and project objectives for the mercury analysis as was duplicate precision and QC Matrix performance. LCS recovery for aluminum and iron is below limits and due to the high concentrations present in the native sample QC Matrix recoveries for these analytes are indeterminate. These high concentrations caused dilution of digests and masking of several analyte recoveries. Antimony recovery in both the LCS and MS was poor (<50%) and there is no evidence of a post-digest spike analysis. All data for this analyte should be rejected. However, since the samples were for over-excavation confirmatory purposes in an area where antimony failure had not occurred, there is no effect on project decision-making processes. Matrix recovery for silver is also below limits (<50%) and this data should be qualified as estimated. The same argument for data use applies to silver as for antimony. All other recovery and precision estimates meet objectives.

Summary of Analysis

Except for the previously mentioned rejection of all antimony results, which have no affect on the intended decision, the overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The results reported should be utilized without reservation in the intended decision-making process.

Guy Gallello, Jr-Project Chemist

12/2/2005

Date

Adirondack Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

November 15, 2005

Guy Gallello
Shaw Environmental & Infrastructure
16406 US Route 224 East
Findlay, OH 45840

TEL: (419) 425-6080
FAX: (419) 425-6085

Work Order No: 051111051
PO#: SEND INVOICE W/REPORT

RE: Army Depot
Schenectady, NY

Dear Guy Gallello:

Adirondack Environmental Services, Inc received 7 samples on 11/11/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709
AIHA#: 100307

Tara Daniels
Laboratory Manager

Guy Gallello - FAX

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-23
Collection Date: 11/11/2005
Lab Sample ID: 051111051-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	7470	5.00		µg/g	1	11/14/2005 3:02:00 PM
Antimony	3.76	3.00		µg/g	1	11/14/2005 3:02:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/14/2005 3:02:00 PM
Barium	33.7	0.50		µg/g	1	11/14/2005 3:02:00 PM
Beryllium	0.39	0.25		µg/g	1	11/14/2005 3:02:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/14/2005 3:02:00 PM
Calcium	1150	25.0		µg/g	1	11/14/2005 3:02:00 PM
Chromium	11.4	0.25		µg/g	1	11/14/2005 3:02:00 PM
Cobalt	5.33	2.50		µg/g	1	11/14/2005 3:02:00 PM
Copper	8.41	0.25		µg/g	1	11/14/2005 3:02:00 PM
Iron	9080	25.0		µg/g	10	11/14/2005 4:29:00 PM
Lead	6.57	0.25		µg/g	1	11/14/2005 3:02:00 PM
Magnesium	2370	25.0		µg/g	1	11/14/2005 3:02:00 PM
Manganese	325	0.50		µg/g	1	11/14/2005 3:02:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/14/2005 3:02:00 PM
Potassium	320	25.0		µg/g	1	11/14/2005 3:02:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/14/2005 3:02:00 PM
Silver	< 1.00	1.00		µg/g	1	11/14/2005 3:02:00 PM
Sodium	99.3	25.0		µg/g	1	11/14/2005 3:02:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/14/2005 3:02:00 PM
Vanadium	8.53	2.50		µg/g	1	11/14/2005 3:02:00 PM
Zinc	34.3	0.50		µg/g	1	11/14/2005 3:02:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.030	0.020		µg/g	1	11/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-24
Collection Date: 11/11/2005
Lab Sample ID: 051111051-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	9070	5.00		µg/g	1	11/14/2005 3:22:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/14/2005 3:22:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/14/2005 3:22:00 PM
Barium	43.9	0.50		µg/g	1	11/14/2005 3:22:00 PM
Beryllium	0.53	0.25		µg/g	1	11/14/2005 3:22:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/14/2005 3:22:00 PM
Calcium	1300	25.0		µg/g	1	11/14/2005 3:22:00 PM
Chromium	14.5	0.25		µg/g	1	11/14/2005 3:22:00 PM
Cobalt	8.57	2.50		µg/g	1	11/14/2005 3:22:00 PM
Copper	11.4	0.25		µg/g	1	11/14/2005 3:22:00 PM
Iron	18000	25.0		µg/g	10	11/14/2005 4:46:00 PM
Lead	9.38	0.25		µg/g	1	11/14/2005 3:22:00 PM
Magnesium	2940	25.0		µg/g	1	11/14/2005 3:22:00 PM
Manganese	657	5.00		µg/g	10	11/14/2005 4:46:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/14/2005 3:22:00 PM
Potassium	464	25.0		µg/g	1	11/14/2005 3:22:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/14/2005 3:22:00 PM
Silver	< 1.00	1.00		µg/g	1	11/14/2005 3:22:00 PM
Sodium	94.0	25.0		µg/g	1	11/14/2005 3:22:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/14/2005 3:22:00 PM
Vanadium	10.7	2.50		µg/g	1	11/14/2005 3:22:00 PM
Zinc	42.9	0.50		µg/g	1	11/14/2005 3:22:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.071	0.020		µg/g	1	11/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-25
Collection Date: 11/11/2005
Lab Sample ID: 051111051-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	9270	5.00		µg/g	1	11/14/2005 3:30:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/14/2005 3:30:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/14/2005 3:30:00 PM
Barium	32.5	0.50		µg/g	1	11/14/2005 3:30:00 PM
Beryllium	0.45	0.25		µg/g	1	11/14/2005 3:30:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/14/2005 3:30:00 PM
Calcium	906	25.0		µg/g	1	11/14/2005 3:30:00 PM
Chromium	15.1	0.25		µg/g	1	11/14/2005 3:30:00 PM
Cobalt	6.02	2.50		µg/g	1	11/14/2005 3:30:00 PM
Copper	11.4	0.25		µg/g	1	11/14/2005 3:30:00 PM
Iron	14100	25.0		µg/g	10	11/14/2005 4:52:00 PM
Lead	6.94	0.25		µg/g	1	11/14/2005 3:30:00 PM
Magnesium	3240	25.0		µg/g	1	11/14/2005 3:30:00 PM
Manganese	223	0.50		µg/g	1	11/14/2005 3:30:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/14/2005 3:30:00 PM
Potassium	420	25.0		µg/g	1	11/14/2005 3:30:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/14/2005 3:30:00 PM
Silver	< 1.00	1.00		µg/g	1	11/14/2005 3:30:00 PM
Sodium	96.0	25.0		µg/g	1	11/14/2005 3:30:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/14/2005 3:30:00 PM
Vanadium	11.2	2.50		µg/g	1	11/14/2005 3:30:00 PM
Zinc	43.8	0.50		µg/g	1	11/14/2005 3:30:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.020	0.020		µg/g	1	11/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-26
Collection Date: 11/11/2005
Lab Sample ID: 051111051-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	7310	50.0		µg/g	10	11/14/2005 4:56:00 PM
Aluminum	11400	5.00		µg/g	1	11/14/2005 3:33:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/14/2005 3:33:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/14/2005 3:33:00 PM
Barium	44.0	0.50		µg/g	1	11/14/2005 3:33:00 PM
Beryllium	0.61	0.25		µg/g	1	11/14/2005 3:33:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/14/2005 3:33:00 PM
Calcium	2650	25.0		µg/g	1	11/14/2005 3:33:00 PM
Chromium	21.6	0.25		µg/g	1	11/14/2005 3:33:00 PM
Cobalt	9.36	2.50		µg/g	1	11/14/2005 3:33:00 PM
Copper	27.8	0.25		µg/g	1	11/14/2005 3:33:00 PM
Iron	17400	25.0		µg/g	10	11/14/2005 4:56:00 PM
Lead	25.7	0.25		µg/g	1	11/14/2005 3:33:00 PM
Magnesium	4820	25.0		µg/g	1	11/14/2005 3:33:00 PM
Manganese	224	0.50		µg/g	1	11/14/2005 3:33:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/14/2005 3:33:00 PM
Potassium	602	25.0		µg/g	1	11/14/2005 3:33:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/14/2005 3:33:00 PM
Silver	< 1.00	1.00		µg/g	1	11/14/2005 3:33:00 PM
Sodium	185	25.0		µg/g	1	11/14/2005 3:33:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/14/2005 3:33:00 PM
Vanadium	13.5	2.50		µg/g	1	11/14/2005 3:33:00 PM
Zinc	68.9	0.50		µg/g	1	11/14/2005 3:33:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.074	0.020		µg/g	1	11/14/2005

Qualifiers:

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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-27
Collection Date: 11/11/2005
Lab Sample ID: 051111051-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	7560	5.00		µg/g	1	11/14/2005 3:37:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/14/2005 3:37:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/14/2005 3:37:00 PM
Barium	43.9	0.50		µg/g	1	11/14/2005 3:37:00 PM
Beryllium	0.41	0.25		µg/g	1	11/14/2005 3:37:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/14/2005 3:37:00 PM
Calcium	10100	250		µg/g	10	11/14/2005 5:01:00 PM
Chromium	15.4	0.25		µg/g	1	11/14/2005 3:37:00 PM
Cobalt	8.79	2.50		µg/g	1	11/14/2005 3:37:00 PM
Copper	23.5	0.25		µg/g	1	11/14/2005 3:37:00 PM
Iron	12200	25.0		µg/g	10	11/14/2005 5:01:00 PM
Lead	7.10	0.25		µg/g	1	11/14/2005 3:37:00 PM
Magnesium	5470	25.0		µg/g	1	11/14/2005 3:37:00 PM
Manganese	385	0.50		µg/g	1	11/14/2005 3:37:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/14/2005 3:37:00 PM
Potassium	680	25.0		µg/g	1	11/14/2005 3:37:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/14/2005 3:37:00 PM
Silver	< 1.00	1.00		µg/g	1	11/14/2005 3:37:00 PM
Sodium	136	25.0		µg/g	1	11/14/2005 3:37:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/14/2005 3:37:00 PM
Vanadium	9.93	2.50		µg/g	1	11/14/2005 3:37:00 PM
Zinc	60.4	0.50		µg/g	1	11/14/2005 3:37:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.028	0.020		µg/g	1	11/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-28
Collection Date: 11/11/2005
Lab Sample ID: 051111051-006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	8770	5.00		µg/g	1	11/14/2005 4:11:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/14/2005 4:11:00 PM
Arsenic	0.71	0.25		µg/g	1	11/14/2005 4:11:00 PM
Barium	40.1	0.50		µg/g	1	11/14/2005 4:11:00 PM
Beryllium	0.46	0.25		µg/g	1	11/14/2005 4:11:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/14/2005 4:11:00 PM
Calcium	13800	250		µg/g	10	11/14/2005 5:06:00 PM
Calcium	14400	25.0		µg/g	1	11/14/2005 4:11:00 PM
Chromium	18.5	0.25		µg/g	1	11/14/2005 4:11:00 PM
Cobalt	8.99	2.50		µg/g	1	11/14/2005 4:11:00 PM
Copper	28.7	0.25		µg/g	1	11/14/2005 4:11:00 PM
Iron	18800	25.0		µg/g	10	11/14/2005 5:06:00 PM
Lead	12.9	0.25		µg/g	1	11/14/2005 4:11:00 PM
Magnesium	6240	25.0		µg/g	1	11/14/2005 4:11:00 PM
Manganese	372	0.50		µg/g	1	11/14/2005 4:11:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/14/2005 4:11:00 PM
Potassium	878	25.0		µg/g	1	11/14/2005 4:11:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/14/2005 4:11:00 PM
Silver	< 1.00	1.00		µg/g	1	11/14/2005 4:11:00 PM
Sodium	172	25.0		µg/g	1	11/14/2005 4:11:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/14/2005 4:11:00 PM
Vanadium	11.2	2.50		µg/g	1	11/14/2005 4:11:00 PM
Zinc	69.2	0.50		µg/g	1	11/14/2005 4:11:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.060	0.020		µg/g	1	11/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-Duplicate 3
Collection Date: 11/11/2005
Lab Sample ID: 051111051-007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **SM**
Aluminum	9970	5.00		µg/g	1	11/14/2005 4:20:00 PM
Antimony	< 3.00	3.00		µg/g	1	11/14/2005 4:20:00 PM
Arsenic	< 0.25	0.25		µg/g	1	11/14/2005 4:20:00 PM
Barium	46.1	0.50		µg/g	1	11/14/2005 4:20:00 PM
Beryllium	0.57	0.25		µg/g	1	11/14/2005 4:20:00 PM
Cadmium	< 0.25	0.25		µg/g	1	11/14/2005 4:20:00 PM
Calcium	2190	25.0		µg/g	1	11/14/2005 4:20:00 PM
Chromium	19.3	0.25		µg/g	1	11/14/2005 4:20:00 PM
Cobalt	9.45	2.50		µg/g	1	11/14/2005 4:20:00 PM
Copper	30.5	0.25		µg/g	1	11/14/2005 4:20:00 PM
Iron	20700	25.0		µg/g	10	11/14/2005 5:09:00 PM
Lead	11.1	0.25		µg/g	1	11/14/2005 4:20:00 PM
Magnesium	4620	25.0		µg/g	1	11/14/2005 4:20:00 PM
Manganese	440	0.50		µg/g	1	11/14/2005 4:20:00 PM
Nickel	< 2.50	2.50		µg/g	1	11/14/2005 4:20:00 PM
Potassium	511	25.0		µg/g	1	11/14/2005 4:20:00 PM
Selenium	< 0.25	0.25		µg/g	1	11/14/2005 4:20:00 PM
Silver	< 1.00	1.00		µg/g	1	11/14/2005 4:20:00 PM
Sodium	186	25.0		µg/g	1	11/14/2005 4:20:00 PM
Thallium	< 0.50	0.50		µg/g	1	11/14/2005 4:20:00 PM
Vanadium	11.5	2.50		µg/g	1	11/14/2005 4:20:00 PM
Zinc	63.6	0.50		µg/g	1	11/14/2005 4:20:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.086	0.020		µg/g	1	11/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: SHAW Environmental	Address: Findlay OH	
Send Report To: Guy Gallello	Project Name (Location) Seldy Army Depot	Samplers: (Names)
Client Phone No:	Client Fax No:	PO Number:
Samplers: (Signature) Anthony Perrett		

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	Ex-D-23	11/1/05	A P	Soil	✓	E	1	TAL metals + Hg
002	Ex-D-24		A P		✓		1	
003	Ex-D-25		A P		✓		1	
004	Ex-D 26		A P		✓		1	
005	Ex-D 27		A P		✓		1	
006	Ex-D-28		A P		✓		1	
007	Ex-D-Duplicate 3		A P		✓		1	
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					

AES Work Order #: 051111051	CC Report To / Special Instructions/Remarks:	
Turnaround Time Request: ☐ 1 Day ☐ 3 Day ☐ Normal ☑ 2 Day ☐ 5 Day		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time 11/1/05 1630

TEMPERATURE	PROPERLY PRESERVED	RECEIVED WITHIN HOLDING TIMES
Ambient or (Chilled)	(Y) N	(Y) N
Notes: 13°C	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed as irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

Adirondack Environmental Services, Inc

Date: *01-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID MBLK | SampType: MBLK | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051114A
Client ID: ZZZZZ | Batch ID: 9835 | TestNo: SW6010B (SW3050A) | Analysis Date: 11/14/2005 | SeqNo: 314146

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									
Barium	<	0.500									
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	<	25.0									
Chromium	<	0.250									
Cobalt	<	2.50									
Copper	<	0.250									
Iron	<	2.50									
Lead	<	0.250									
Magnesium	<	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	<	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	<	0.500									

Sample ID MB | SampType: MBLK | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051116A
Client ID: ZZZZZ | Batch ID: 9835 | TestNo: SW6010B (SW3050A) | Analysis Date: 11/16/2005 | SeqNo: 314958

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID MB | SampType: MBLK | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051116A
Client ID: ZZZZZ | Batch ID: 9835 | TestNo: SW6010B (SW3050A) | Analysis Date: 11/16/2005 | SeqNo: 314958

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	<	0.500									
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	<	25.0									
Chromium	0.261	0.250									
Cobalt	<	2.50									
Copper	<	0.250									
Iron	<	2.50									
Lead	<	0.250									
Magnesium	<	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	<	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	<	0.500									

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051114A
Client ID: ZZZZZ | Batch ID: 9835 | TestNo: SW6010B (SW3050A) | Analysis Date: 11/14/2005 | SeqNo: 314148

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5280	5.00	7640	0.7665	69.1	80	120	0	0		S
Antimony	29.84	3.00	84.5	0.31	34.9	80	120	0	0		S
Arsenic	93.03	0.250	95.9	0	97	80	120	0	0		
Barium	156.2	0.500	157	0	99.5	80	120	0	0		
Beryllium	51.78	0.250	50.5	0	103	80	120	0	0		
Cadmium	56.36	0.250	54.6	0	103	80	120	0	0		
Calcium	3878	25.0	3800	0.0245	102	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051114A
Client ID: ZZZZZ | Batch ID: 9835 | TestNo: SW6010B (SW3050A) | Analysis Date: 11/14/2005 | SeqNo: 314148

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	68.56	0.250	68.8	0	99.7	80	120	0	0		
Cobalt	74.97	2.50	77.5	0	96.7	80	120	0	0		
Copper	81.7	0.250	83.8	0	97.5	80	120	0	0		
Iron	6424	2.50	12100	0.0465	53.1	80	120	0	0		S
Lead	118	0.250	121	0.013	97.5	80	120	0	0		
Magnesium	2430	25.0	2720	0	89.3	80	120	0	0		
Manganese	413.4	0.500	469	0	88.2	80	120	0	0		
Nickel	46.46	2.50	54.5	0	85.3	80	120	0	0		
Potassium	2093	25.0	2190	0	95.6	80	120	0	0		
Selenium	88.6	0.250	102	0	86.9	80	120	0	0		
Silver	86.6	1.00	106	0.026	81.7	80	120	0	0		
Sodium	439.2	25.0	248	0	177	80	120	0	0		S
Thallium	180.3	0.500	182	0	99.1	80	120	0	0		
Vanadium	100.3	2.50	118	0.029	85	80	120	0	0		
Zinc	245.9	0.500	243	0	101	80	120	0	0		

Sample ID LCS | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051116A
Client ID: ZZZZZ | Batch ID: 9835 | TestNo: SW6010B (SW3050A) | Analysis Date: 11/16/2005 | SeqNo: 314959

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5224	5.00	7640	0.00494	68.4	80	120	0	0		S
Antimony	14.98	3.00	84.5	0.00211	17.7	80	120	0	0		S
Arsenic	82.15	0.250	95.9	0	85.7	80	120	0	0		
Barium	143.9	0.500	157	0.00004	91.6	80	120	0	0		
Beryllium	48.12	0.250	50.5	0.0002	95.3	80	120	0	0		
Cadmium	51.95	0.250	54.6	0	95.1	80	120	0	0		
Calcium	3770	25.0	3800	0.00166	99.2	80	120	0	0		
Chromium	64.81	0.250	68.8	0.00383	94.2	80	120	0	0		B
Cobalt	69.69	2.50	77.5	0.0001	89.9	80	120	0	0		
Copper	76.23	0.250	83.8	0.00044	91	80	120	0	0		
Iron	6265	2.50	12100	0	51.8	80	120	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS	SampType: LCS	TestCode: ICP METALS	Units: µg/g	Prep Date:	Run ID: ICP-4_051116A
Client ID: ZZZZZ	Batch ID: 9835	TestNo: SW6010B	(SW3050A)	Analysis Date: 11/16/2005	SeqNo: 314959

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	118.5	0.250	121	0	97.9	80	120	0	0		
Magnesium	2230	25.0	2720	0.0065	82	80	120	0	0		
Manganese	383.6	0.500	469	0	81.8	80	120	0	0		
Nickel	43.52	2.50	54.5	0.00019	79.8	80	120	0	0		S
Potassium	1847	25.0	2190	0.00007	84.3	80	120	0	0		
Selenium	81.32	0.250	102	0.00049	79.7	80	120	0	0		S
Silver	57.31	1.00	106	0.00067	54.1	80	120	0	0		S
Sodium	368.1	25.0	248	0.00413	148	80	120	0	0		S
Thallium	164.7	0.500	182	0.00234	90.5	80	120	0	0		
Vanadium	92.21	2.50	118	0	78.1	80	120	0	0		S
Zinc	219.5	0.500	243	0	90.3	80	120	0	0		

Sample ID 051111051-001A MS	SampType: MS	TestCode: ICP METALS	Units: µg/g	Prep Date:	Run ID: ICP-4_051114A
Client ID: EX-D-23	Batch ID: 9835	TestNo: SW6010B	(SW3050A)	Analysis Date: 11/14/2005	SeqNo: 314157

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8778	5.00	100	7474	1300 ID	75	125	0	0		S
Antimony	<	3.00	25	3.762	-10.2 RJ	75	125	0	0		S
Arsenic	1.404	0.250	2	0	70.2	75	125	0	0		S
Barium	133.4	0.500	100	33.71	99.7	75	125	0	0		
Beryllium	2.814	0.250	2.5	0.393	96.9	75	125	0	0		
Cadmium	1.94	0.250	2.5	0	77.6	75	125	0	0		
Chromium	23.22	0.250	10	11.43	118	75	125	0	0		
Cobalt	27.55	2.50	25	5.326	88.9	75	125	0	0		
Copper	20.95	0.250	12.5	8.413	100	75	125	0	0		
Iron	9795	2.50	50	8950	1690 ID	75	125	0	0		S
Lead	7.908	0.250	1	6.566	134	75	125	0	0		S
Manganese	351.4	0.500	25	324.8	106	75	125	0	0		
Nickel	26.68	2.50	25	0	107	75	125	0	0		
Selenium	1.099	0.250	0.5	0	220	75	125	0	0		S
Silver	<	1.00	2.5	0	36.1	75	125	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051111051-001A MS SampType: MS TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051114A
Client ID: EX-D-23 Batch ID: 9835 TestNo: SW6010B (SW3050A) Analysis Date: 11/14/2005 SeqNo: 314157

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	0.7625	0.500	2.5	0	30.5	75	125	0	0		S
Vanadium	31.8	2.50	25	8.527	93.1	75	125	0	0		
Zinc	62.55	0.500	25	34.26	113	75	125	0	0		

Sample ID 051109041-001AMS SampType: MS TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051116A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B (SW3050A) Analysis Date: 11/16/2005 SeqNo: 314962

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	105	5.00	100	1.202	104	75	125	0	0		
Antimony	26.55	3.00	25	1.93	98.5	75	125	0	0		
Arsenic	1.579	0.250	2	0	79	75	125	0	0		
Barium	108.3	0.500	100	0.9475	107	75	125	0	0		
Beryllium	2.696	0.250	2.5	0.004	108	75	125	0	0		
Cadmium	2.437	0.250	2.5	0.017	96.8	75	125	0	0		
Chromium	11.32	0.250	10	0.3185	110	75	125	0	0		B
Cobalt	26.29	2.50	25	0.006	105	75	125	0	0		
Copper	16.35	0.250	12.5	4.42	111	75	125	0	0		
Iron	61.93	2.50	50	6.241	111	75	125	0	0		
Lead	1.093	0.250	1	0.4305	66.2	75	125	0	0		S
Manganese	27.24	0.500	25	0.4205	107	75	125	0	0		
Nickel	26.74	2.50	25	0.2155	106	75	125	0	0		
Selenium	0.8895	0.250	0.5	0.6995	38	75	125	0	0		S
Silver	1.754	1.00	2.5	0.036	68.7	75	125	0	0		S
Thallium	6.916	0.500	2.5	4.713	88.1	75	125	0	0		
Vanadium	27.22	2.50	25	0	109	75	125	0	0		
Zinc	27.92	0.500	25	2.088	103	75	125	0	0		

Sample ID 051109044-001A MS SampType: MS TestCode: ICP METALS Units: µg/g-dry Prep Date: 11/14/2005 Run ID: ICP-4_051121A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B (SW3050A) Analysis Date: 11/21/2005 SeqNo: 317484

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051109044-001A MS SampType: MS TestCode: ICP METALS Units: µg/g-dry Prep Date: 11/14/2005 Run ID: ICP-4_051121A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B (SW3050A) Analysis Date: 11/21/2005 SeqNo: 317484

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	7185	6.85	137	6183	731	75	125	0	0		S
Antimony	<	4.11	34.25	1.737	3.45	75	125	0	0		S
Arsenic	<	0.342	2.74	0	0	75	125	0	0		S
Barium	258.2	0.685	137	115.4	104	75	125	0	0		
Beryllium	3.424	0.342	3.425	0.3479	89.8	75	125	0	0		
Cadmium	5.272	0.342	3.425	2.142	91.4	75	125	0	0		
Chromium	114.5	0.342	13.7	94.88	143	75	125	0	0		S
Cobalt	34.48	3.42	34.25	5.716	84	75	125	0	0		
Copper	521.4	0.342	17.12	437.7	489	75	125	0	0		S
Iron	16050	3.42	68.49	15460	875	75	125	0	0		S
Lead	473.2	0.342	1.37	437.5	2600	75	125	0	0		S
Manganese	495.8	0.685	34.25	375.8	350	75	125	0	0		S
Nickel	68.03	3.42	34.25	29.35	113	75	125	0	0		
Selenium	0.589	0.342	0.6849	0	86	75	125	0	0		
Silver	2.176	1.37	3.425	0	63.5	75	125	0	0		S
Thallium	<	0.685	3.425	0	0	75	125	0	0		S
Vanadium	54.18	3.42	34.25	22.18	93.4	75	125	0	0		
Zinc	777.3	0.685	34.25	721.1	164	75	125	0	0		S

Sample ID 051111051-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051114A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B Analysis Date: 11/14/2005 SeqNo: 314156

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8542	5.00	0	0	0	0	0	7474	13.3	15.8	
Antimony	<	3.00	0	0	0	0	0	3.762	0	20	
Arsenic	<	0.250	0	0	0	0	0	0	0	5.9	
Barium	39.23	0.500	0	0	0	0	0	33.71	15.1	17.9	
Beryllium	0.475	0.250	0	0	0	0	0	0.393	18.9	4.33	R
Cadmium	<	0.250	0	0	0	0	0	0	0	11.1	
Calcium	1174	25.0	0	0	0	0	0	1146	2.38	20	
Chromium	13.06	0.250	0	0	0	0	0	11.43	13.3	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051111051-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051114A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B Analysis Date: 11/14/2005 SeqNo: 314156

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cobalt	6.926	2.50	0	0	0	0	0	5.326	26.1	17.4	R
Copper	7.868	0.250	0	0	0	0	0	8.413	6.70	20	
Lead	8.541	0.250	0	0	0	0	0	6.566	26.1	20	R
Magnesium	2687	25.0	0	0	0	0	0	2371	12.5	20	
Manganese	452.5	0.500	0	0	0	0	0	324.8	32.9	20	R
Nickel	<	2.50	0	0	0	0	0	0	0	14.6	
Potassium	335.5	25.0	0	0	0	0	0	320	4.75	20	
Selenium	<	0.250	0	0	0	0	0	0	0	20	
Silver	<	1.00	0	0	0	0	0	0	0	10.3	
Sodium	98.64	25.0	0	0	0	0	0	99.26	0.622	20	
Thallium	<	0.500	0	0	0	0	0	0	0	20	
Vanadium	11.06	2.50	0	0	0	0	0	8.527	25.9	16.7	R
Zinc	37.8	0.500	0	0	0	0	0	34.26	9.83	20	

Sample ID 051111051-001ADP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: 11/14/2005 Run ID: ICP-4_051114A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B Analysis Date: 11/14/2005 SeqNo: 314374

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	9080	25.0	0	0	0	0	0	9079	0.0204	20	

Sample ID 051109041-001ADP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051116A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B Analysis Date: 11/16/2005 SeqNo: 314961

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00	0	0	0	0	0	1.202	0	15.8	
Antimony	<	3.00	0	0	0	0	0	1.93	0	20	
Arsenic	<	0.250	0	0	0	0	0	0	0	5.9	
Barium	0.943	0.500	0	0	0	0	0	0.9475	0.476	17.9	
Beryllium	<	0.250	0	0	0	0	0	0.004	0	4.33	
Cadmium	<	0.250	0	0	0	0	0	0.017	0	11.1	
Calcium	360.3	25.0	0	0	0	0	0	360.2	0.0255	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051109041-001ADP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051116A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B Analysis Date: 11/16/2005 SeqNo: 314961

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.33	0.250	0	0	0	0	0	0.3185	3.55	20	B
Cobalt	<	2.50	0	0	0	0	0	0.006	0	17.4	
Copper	4.334	0.250	0	0	0	0	0	4.42	1.99	20	
Iron	5.474	2.50	0	0	0	0	0	6.241	13.1	20	
Lead	<	0.250	0	0	0	0	0	0.4305	0	20	
Magnesium	76.41	25.0	0	0	0	0	0	76.64	0.304	20	
Manganese	<	0.500	0	0	0	0	0	0.4205	0	20	
Nickel	<	2.50	0	0	0	0	0	0.2155	0	14.6	
Potassium	<	25.0	0	0	0	0	0	5.878	0	20	
Selenium	0.295	0.250	0	0	0	0	0	0.6995	81.3	20	R
Silver	<	1.00	0	0	0	0	0	0.036	0	10.3	
Sodium	124.9	25.0	0	0	0	0	0	125.4	0.424	20	
Thallium	4.661	0.500	0	0	0	0	0	4.713	1.11	20	
Vanadium	<	2.50	0	0	0	0	0	0	0	16.7	
Zinc	2.065	0.500	0	0	0	0	0	2.088	1.13	20	

Sample ID 051109044-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g-dry Prep Date: 11/14/2005 Run ID: ICP-4_051121A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B Analysis Date: 11/21/2005 SeqNo: 317483

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	6232	6.85	0	0	0	0	0	6183	0.778	15.8	
Antimony	<	4.11	0	0	0	0	0	1.737	0	20	
Arsenic	<	0.342	0	0	0	0	0	0	0	5.9	
Barium	115.4	0.685	0	0	0	0	0	115.4	0.00475	17.9	
Beryllium	0.3432	0.342	0	0	0	0	0	0.3479	1.39	4.33	
Cadmium	2.154	0.342	0	0	0	0	0	2.142	0.542	11.1	
Calcium	27550	34.2	0	0	0	0	0	27580	0.106	20	
Chromium	91.91	0.342	0	0	0	0	0	94.88	3.18	20	
Cobalt	5.788	3.42	0	0	0	0	0	5.716	1.25	17.4	
Copper	452.5	0.342	0	0	0	0	0	437.7	3.33	20	
Iron	15640	3.42	0	0	0	0	0	15460	1.21	20	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051109044-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g-dry Prep Date: 11/14/2005 Run ID: ICP-4_051121A
Client ID: ZZZZZ Batch ID: 9835 TestNo: SW6010B Analysis Date: 11/21/2005 SeqNo: 317483

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	441	0.342	0	0	0	0	0	437.5	0.780	20	
Magnesium	8227	34.2	0	0	0	0	0	8376	1.80	20	
Manganese	377.7	0.685	0	0	0	0	0	375.8	0.504	20	
Nickel	30.19	3.42	0	0	0	0	0	29.35	2.83	14.6	
Potassium	842.3	34.2	0	0	0	0	0	837.2	0.604	20	
Selenium	<	0.342	0	0	0	0	0	0	0	20	
Silver	<	1.37	0	0	0	0	0	0	0	10.3	
Sodium	252.5	34.2	0	0	0	0	0	253.1	0.268	20	
Thallium	<	0.685	0	0	0	0	0	0	0	20	
Vanadium	22.49	3.42	0	0	0	0	0	22.18	1.42	16.7	
Zinc	724.2	0.685	0	0	0	0	0	721.1	0.432	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY_SOIL

Sample ID	MB-9836	SampType:	MBLK	TestCode:	MERCURY_S	Units:	µg/g	Prep Date:	11/14/2005	Run ID:	HG_051114A
Client ID:	ZZZZZ	Batch ID:	9836	TestNo:	SW7471A		(SW7471A)	Analysis Date:	11/14/2005	SeqNo:	314113

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200									

Sample ID	MB-9836	SampType:	MBLK	TestCode:	MERCURY_S	Units:	µg/g	Prep Date:	11/14/2005	Run ID:	HG_051115A
Client ID:	ZZZZZ	Batch ID:	9836	TestNo:	SW7471A		(SW7471A)	Analysis Date:	11/15/2005	SeqNo:	314642

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.000200									

Sample ID	LCS-9836	SampType:	LCS	TestCode:	MERCURY_S	Units:	µg/g	Prep Date:	11/14/2005	Run ID:	HG_051114A
Client ID:	ZZZZZ	Batch ID:	9836	TestNo:	SW7471A		(SW7471A)	Analysis Date:	11/14/2005	SeqNo:	314114

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	6.2	0.200	5.82	0	107	65.1	134	0	0		

Sample ID	LCS-9836	SampType:	LCS	TestCode:	MERCURY_S	Units:	µg/g	Prep Date:	11/14/2005	Run ID:	HG_051115A
Client ID:	ZZZZZ	Batch ID:	9836	TestNo:	SW7471A		(SW7471A)	Analysis Date:	11/15/2005	SeqNo:	314643

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	5.45	0.200	5.82	0	93.6	65.1	134	0	0		

Sample ID	051111051-001A MS	SampType:	MS	TestCode:	MERCURY_S	Units:	µg/g	Prep Date:	11/14/2005	Run ID:	HG_051114A
Client ID:	EX-D-23	Batch ID:	9836	TestNo:	SW7471A		(SW7471A)	Analysis Date:	11/14/2005	SeqNo:	314126

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.075	0.0200	0.1	0.03	45	74.4	123	0	0		S

Sample ID	051109044-003AMS	SampType:	MS	TestCode:	MERCURY_S	Units:	µg/g-dry	Prep Date:	11/14/2005	Run ID:	HG_051115A
Client ID:	ZZZZZ	Batch ID:	9836	TestNo:	SW7471A		(SW7471A)	Analysis Date:	11/15/2005	SeqNo:	314656

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051111051
Project: Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY_SOIL

Sample ID	051109044-003AMS	SampType:	MS	TestCode:	MERCURY_S	Units:	µg/g-dry	Prep Date:	11/14/2005	Run ID:	HG_051115A
Client ID:	ZZZZZ	Batch ID:	9836	TestNo:	SW7471A	(SW7471A)		Analysis Date:	11/15/2005	SeqNo:	314656

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.6231	0.0308	0.1538	0.4608	106	74.4	123	0	0		

Sample ID	051111051-001A DP	SampType:	DUP	TestCode:	MERCURY_S	Units:	µg/g	Prep Date:	11/14/2005	Run ID:	HG_051114A
Client ID:	ZZZZZ	Batch ID:	9836	TestNo:	SW7471A			Analysis Date:	11/14/2005	SeqNo:	314125

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.0285	0.0200	0	0	0	0	0	0.03	5.13	8.57	

Sample ID	051109044-003ADP	SampType:	DUP	TestCode:	MERCURY_S	Units:	µg/g-dry	Prep Date:	11/14/2005	Run ID:	HG_051115A
Client ID:	ZZZZZ	Batch ID:	9836	TestNo:	SW7471A			Analysis Date:	11/15/2005	SeqNo:	314655

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3962	0.0308	0	0	0	0	0	0.4608	15.1	8.57	R

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Usability Review

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	10/07/2005
PROJECT NAME:	SAD AOC-2	**LABORATORY SDG:**	051007023

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from Adirondack Environmental Services, Inc. in Albany, NY. The results in this report are for two samples, collected at the AOC-2 site within the former Schenectady Army Depot (SAD) by Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table. The laboratory met all turn around commitments and the final report was received in Findlay, Ohio via express courier.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-F-Supplemental 1	10/7/2005	Waste/Soil	TAL Metals- 6010B/7000
EX-F-Supplemental 2	10/7/2005	Waste/Soil	TAL Metals- 6010B/7000

The sample cooler was hand-delivered to the laboratory and received with ice. Chain-of-custody documentation was complete and accurate. The laboratory provided faxed preliminary results within the requested TAT and the final report was also received in a timely manner. The following describes the overall QA/QC indicators.

TAL Metals by SW-846 Methods 6010B and 7471A

Since the purpose of this analysis was merely to screen the materials for potential metals contamination the laboratory was not directed to provide QC. The Case Narrative states that all pertinent QC met objectives and that the ICP and CVAA systems were properly calibrated.

Summary of Analysis

Based upon the Case Narrative the overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The results reported should be utilized without reservation in the intended decision-making process.

Guy Gallello, Jr-Project Chemist

12/12/2005

Date

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314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

October 10, 2005

Guy Gallello
Shaw Environmental & Infrastructure
16406 US Route 224 East
Findlay, OH 45840

TEL: (419) 425-6080
FAX: (419) 425-6085

Work Order No: 051007023

RE: Schenectady Army Depot

Dear Guy Gallello:

Adirondack Environmental Services, Inc received 2 samples on 10/7/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709
AIHA#: 100307

Tara Daniels
Laboratory Manager

Guy Gallello - FAX

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *10-Oct-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051007023
Project: Schenectady Army Depot
PO#:

Client Sample ID: EX-F-Supplimental 1
Collection Date: 10/7/2005
Lab Sample ID: 051007023-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **KH**
Aluminum	9470	5.00		µg/g	1	10/7/2005 4:34:00 PM
Antimony	< 3.00	3.00		µg/g	1	10/7/2005 4:34:00 PM
Arsenic	< 0.25	0.25		µg/g	1	10/7/2005 4:34:00 PM
Barium	458	0.50		µg/g	1	10/7/2005 4:34:00 PM
Beryllium	0.42	0.25		µg/g	1	10/7/2005 4:34:00 PM
Cadmium	< 0.25	0.25		µg/g	1	10/7/2005 4:34:00 PM
Calcium	6510	25.0		µg/g	1	10/7/2005 4:34:00 PM
Chromium	12.6	0.25		µg/g	1	10/7/2005 4:34:00 PM
Cobalt	4.56	2.50		µg/g	1	10/7/2005 4:34:00 PM
Copper	26.5	0.25		µg/g	1	10/7/2005 4:34:00 PM
Iron	18700	25.0		µg/g	10	10/7/2005 4:38:00 PM
Lead	43.3	0.25		µg/g	1	10/7/2005 4:34:00 PM
Magnesium	5260	25.0		µg/g	1	10/7/2005 4:34:00 PM
Manganese	206	0.50		µg/g	1	10/7/2005 4:34:00 PM
Nickel	20.4	2.50		µg/g	1	10/7/2005 4:34:00 PM
Potassium	913	25.0		µg/g	1	10/7/2005 4:34:00 PM
Selenium	3.73	0.25		µg/g	1	10/7/2005 4:34:00 PM
Silver	< 1.00	1.00		µg/g	1	10/7/2005 4:34:00 PM
Sodium	668	25.0		µg/g	1	10/7/2005 4:34:00 PM
Thallium	< 0.50	0.50		µg/g	1	10/7/2005 4:34:00 PM
Vanadium	16.7	2.50		µg/g	1	10/7/2005 4:34:00 PM
Zinc	10100	50.0		µg/g	100	10/7/2005 5:20:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	0.015	0		µg/g	1	10/7/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *10-Oct-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051007023
Project: Schenectady Army Depot
PO#:

Client Sample ID: EX-F-Supplimental 2
Collection Date: 10/7/2005
Lab Sample ID: 051007023-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **KH**
Aluminum	6240	5.00		µg/g	1	10/7/2005 4:43:00 PM
Antimony	< 3.00	3.00		µg/g	1	10/7/2005 4:43:00 PM
Arsenic	< 0.25	0.25		µg/g	1	10/7/2005 4:43:00 PM
Barium	210	0.50		µg/g	1	10/7/2005 4:43:00 PM
Beryllium	0.28	0.25		µg/g	1	10/7/2005 4:43:00 PM
Cadmium	0.70	0.25		µg/g	1	10/7/2005 4:43:00 PM
Calcium	1710	25.0		µg/g	1	10/7/2005 4:43:00 PM
Chromium	6.32	0.25		µg/g	1	10/7/2005 4:43:00 PM
Cobalt	< 2.50	2.50		µg/g	1	10/7/2005 4:43:00 PM
Copper	11.5	0.25		µg/g	1	10/7/2005 4:43:00 PM
Iron	9950	25.0		µg/g	10	10/7/2005 4:48:00 PM
Lead	11.2	0.25		µg/g	1	10/7/2005 4:43:00 PM
Magnesium	1800	25.0		µg/g	1	10/7/2005 4:43:00 PM
Manganese	95.2	0.50		µg/g	1	10/7/2005 4:43:00 PM
Nickel	9.77	2.50		µg/g	1	10/7/2005 4:43:00 PM
Potassium	729	25.0		µg/g	1	10/7/2005 4:43:00 PM
Selenium	7.97	0.25		µg/g	1	10/7/2005 4:43:00 PM
Silver	< 1.00	1.00		µg/g	1	10/7/2005 4:43:00 PM
Sodium	1800	25.0		µg/g	1	10/7/2005 4:43:00 PM
Thallium	< 0.50	0.50		µg/g	1	10/7/2005 4:43:00 PM
Vanadium	10.3	2.50		µg/g	1	10/7/2005 4:43:00 PM
Zinc	25400	50.0		µg/g	100	10/7/2005 4:59:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	< 0	0		µg/g	1	10/7/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc.
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Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

A full service analytical research laboratory offering solutions to environmental concerns

Client Name:	Address:
SHAW Environmental	SHAW OH

Send Report To:	Project Name (Location)	Samplers: (Names)
Guy Gallello		Anthony Perretta

Client Phone No:	Client Fax No:	PO Number:	Samplers: (Signature)
			[signature]

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	Ex-F-Supplimental 1	10/7/05	9:45	A P	soil		✓	1	TCL metals
002	Ex-F-Supplimental 2	10/7/05	9:50	A P	Product		✓	1	TCL metals
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

AES Work Order #: 051007023

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
- ☒ 1 Day
- ☐ 3 Day
- ☐ Normal
- ☐ 2 Day
- ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature]		10/7/05 10:40
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by: [signature]	Date/Time 10/7/05 10:35

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled	(Y) N	(Y) N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

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TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed as irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

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(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

October 14, 2005

Guy Gallello
Shaw Environmental & Infrastructure
16406 US Route 224 East
Findlay, OH 45840

TEL: (419) 425-6080
FAX: (419) 425-6085

Work Order No: 051013049
PO#: SEND INVOICE W/REPORT

RE: Schenectady Army Depot

Dear Guy Gallello:

Adirondack Environmental Services, Inc received 1 sample on 10/13/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709
AIHA#: 100307

Tara Daniels
Laboratory Manager

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *14-Oct-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051013049
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: Storm Water Area C/B
Collection Date: 10/13/2005
Lab Sample ID: 051013049-001
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS E200.7(SW3010A)						Analyst: **KH**
Aluminum	77.6	0.100		mg/L	1	10/14/2005 11:44:00 AM
Antimony	< 0.060	0.060		mg/L	1	10/14/2005 11:44:00 AM
Arsenic	< 0.050	0.050		mg/L	1	10/14/2005 11:44:00 AM
Barium	0.363	0.010		mg/L	1	10/14/2005 11:44:00 AM
Beryllium	< 0.005	0.005		mg/L	1	10/14/2005 11:44:00 AM
Cadmium	< 0.005	0.005		mg/L	1	10/14/2005 11:44:00 AM
Calcium	55.9	0.050		mg/L	1	10/14/2005 11:44:00 AM
Chromium	0.117	0.005		mg/L	1	10/14/2005 11:44:00 AM
Cobalt	0.056	0.050		mg/L	1	10/14/2005 11:44:00 AM
Copper	0.246	0.005		mg/L	1	10/14/2005 11:44:00 AM
Iron	124	0.050		mg/L	1	10/14/2005 11:44:00 AM
Lead	0.098	0.005		mg/L	1	10/14/2005 11:44:00 AM
Magnesium	34.1	0.050		mg/L	1	10/14/2005 11:44:00 AM
Manganese	1.62	0.020		mg/L	1	10/14/2005 11:44:00 AM
Nickel	0.146	0.020		mg/L	1	10/14/2005 11:44:00 AM
Potassium	11.1	0.050		mg/L	1	10/14/2005 11:44:00 AM
Selenium	< 0.005	0.005		mg/L	1	10/14/2005 11:44:00 AM
Silver	< 0.010	0.010		mg/L	1	10/14/2005 11:44:00 AM
Sodium	30.9	0.050		mg/L	1	10/14/2005 11:44:00 AM
Thallium	< 0.010	0.010		mg/L	1	10/14/2005 11:44:00 AM
Vanadium	0.147	0.020		mg/L	1	10/14/2005 11:44:00 AM
Zinc	0.477	0.010		mg/L	1	10/14/2005 11:44:00 AM
MERCURY E245.1(E245.1)						Analyst: **SM**
Mercury	< 0.0002	0.0002		mg/L	1	10/14/2005
SEMI VOLATILE ORGANICS SW8270C(SW3510/E625)						Analyst: **MT**
Phenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Bis(2-chloroethyl)ether	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2-Chlorophenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
1,3-Dichlorobenzene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
1,4-Dichlorobenzene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
1,2-Dichlorobenzene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2-Methylphenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Bis(2-chloroisopropyl)ether	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
4-Methylphenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
N-Nitrosodi-n-propylamine	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Hexachloroethane	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Nitrobenzene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Isophorone	< 10	10		µg/L	1	10/14/2005 1:22:00 PM

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Adirondack Environmental Services, Inc

Date: *14-Oct-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051013049
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: Storm Water Area C/B
Collection Date: 10/13/2005
Lab Sample ID: 051013049-001
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3510/E625)						Analyst: **MT**
2-Nitrophenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2,4-Dimethylphenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Bis(2-chloroethoxy)methane	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2,4-Dichlorophenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
1,2,4-Trichlorobenzene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Naphthalene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
4-Chloroaniline	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Hexachlorobutadiene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
4-Chloro-3-methylphenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2-Methylnaphthalene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Hexachlorocyclopentadiene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2,4,6-Trichlorophenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2,4,5-Trichlorophenol	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2-Chloronaphthalene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2-Nitroaniline	< 50	50		µg/L	1	10/14/2005 1:22:00 PM
Dimethyl phthalate	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Acenaphthylene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2,6-Dinitrotoluene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
3-Nitroaniline	< 50	50		µg/L	1	10/14/2005 1:22:00 PM
Acenaphthene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2,4-Dinitrophenol	< 50	50		µg/L	1	10/14/2005 1:22:00 PM
4-Nitrophenol	< 50	50		µg/L	1	10/14/2005 1:22:00 PM
Dibenzofuran	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
2,4-Dinitrotoluene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Diethyl phthalate	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
4-Chlorophenyl phenyl ether	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Fluorene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
4-Nitroaniline	< 50	50		µg/L	1	10/14/2005 1:22:00 PM
4,6-Dinitro-2-methylphenol	< 50	50		µg/L	1	10/14/2005 1:22:00 PM
N-Nitrosodiphenylamine	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
4-Bromophenyl phenyl ether	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Hexachlorobenzene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Pentachlorophenol	< 50	50		µg/L	1	10/14/2005 1:22:00 PM
Phenanthrene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Anthracene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Carbazole	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Di-n-butyl phthalate	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Fluoranthene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Pyrene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM

Qualifiers:
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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *14-Oct-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051013049
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: Storm Water Area C/B
Collection Date: 10/13/2005
Lab Sample ID: 051013049-001
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3510/E625)						Analyst: **MT**
Butyl benzyl phthalate	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
3,3'-Dichlorobenzidine	< 20	20		µg/L	1	10/14/2005 1:22:00 PM
Benz(a)anthracene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Chrysene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Bis(2-ethylhexyl)phthalate	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Di-n-octyl phthalate	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Benzo(b)fluoranthene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Benzo(k)fluoranthene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Benzo(a)pyrene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Indeno(1,2,3-cd)pyrene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Dibenz(a,h)anthracene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
Benzo(g,h,i)perylene	< 10	10		µg/L	1	10/14/2005 1:22:00 PM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	10/14/2005
Bromomethane	< 10	10		µg/L	1	10/14/2005
Vinyl chloride	< 10	10		µg/L	1	10/14/2005
Chloroethane	< 10	10		µg/L	1	10/14/2005
Methylene chloride	< 5.0	5.0		µg/L	1	10/14/2005
Acetone	24	10		µg/L	1	10/14/2005
Carbon disulfide	< 5.0	5.0		µg/L	1	10/14/2005
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	10/14/2005
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	10/14/2005
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	10/14/2005
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	10/14/2005
Chloroform	< 5.0	5.0		µg/L	1	10/14/2005
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	10/14/2005
2-Butanone	< 10	10		µg/L	1	10/14/2005
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	10/14/2005
Carbon tetrachloride	< 5.0	5.0		µg/L	1	10/14/2005
Bromodichloromethane	< 5.0	5.0		µg/L	1	10/14/2005
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	10/14/2005
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	10/14/2005
Trichloroethene	< 5.0	5.0		µg/L	1	10/14/2005
Dibromochloromethane	< 5.0	5.0		µg/L	1	10/14/2005
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	10/14/2005
Benzene	< 5.0	5.0		µg/L	1	10/14/2005
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	10/14/2005
Bromoform	< 5.0	5.0		µg/L	1	10/14/2005
4-Methyl-2-pentanone	< 10	10		µg/L	1	10/14/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *14-Oct-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051013049
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: Storm Water Area C/B
Collection Date: 10/13/2005
Lab Sample ID: 051013049-001
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
2-Hexanone	< 10	10		µg/L	1	10/14/2005
Tetrachloroethene	< 5.0	5.0		µg/L	1	10/14/2005
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	10/14/2005
Toluene	< 5.0	5.0		µg/L	1	10/14/2005
Chlorobenzene	< 5.0	5.0		µg/L	1	10/14/2005
Ethylbenzene	< 5.0	5.0		µg/L	1	10/14/2005
Styrene	< 5.0	5.0		µg/L	1	10/14/2005
m,p-Xylene	10	5.0		µg/L	1	10/14/2005
o-Xylene	19	5.0		µg/L	1	10/14/2005
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	10/14/2005
Dichlorodifluoromethane	< 10	10		µg/L	1	10/14/2005
Methyl Acetate	< 5.0	5.0		µg/L	1	10/14/2005
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	10/14/2005
Cyclohexane	< 10	10		µg/L	1	10/14/2005
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	10/14/2005
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	10/14/2005
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	10/14/2005
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	10/14/2005
Isopropylbenzene	< 5.0	5.0		µg/L	1	10/14/2005
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	10/14/2005
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	10/14/2005
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	10/14/2005
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	10/14/2005
PH E150.1						Analyst: **RC**
pH	7.8	1.0		pH Units	1	10/13/2005
TOTAL SUSPENDED SOLIDS E160.2						Analyst: **RC**
TSS (Residue, Non-Filterable)	840	1.0		mg/L	1	10/13/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

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A full service analytical research laboratory offering solutions to environmental concerns

Client Name: SHAW Environmental		Address:	
Send Report To: Guy Gallello	Project Name (Location): Schfely Army Depot		Samplers: (Names) Anthony Perrotta
Client Phone No:	Client Fax No:	PO Number:	Samplers: (Signature)

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	Storm water area C/B	10/13/05	A P	W		✓	9	TSS 8260, 8270
			A P					TAL metals pH
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					

AES Work Order #: 051013049

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☑ 1 Day ☐ 3 Day ☐ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time 10/13/05 15:14
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time 10/13/05 3:15

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled) 14°C	(Y) N	(Y) N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.
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TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or non-performance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed as irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

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Shaw Environmental & Infrastructure, Inc.

Data Usability Review

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	11/9/2005
PROJECT NAME:	SAD AOC-2	**LABORATORY SDG:**	051109022

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from Adirondack Environmental Services, Inc. in Albany, NY. The results in this report are for eleven samples, collected at the AOC-2 site within the former Schenectady Army Depot (SAD) by Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table. The laboratory met all turn around commitments and the final report was received in Findlay, Ohio via express courier.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-F-14 through EX-F-22	11/9/2005	Soil	VOCs-8260B TAL Metals- 6010B/7000
EX-F-Duplicate 2	11/9/2005	Soil	VOCs-8260B TAL Metals- 6010B/7000
Trip Blank	11/9/2005	Water	VOs-8260B

The sample cooler was hand-delivered to the laboratory and received with ice and at the proper temperature. Chain-of-custody documentation was complete and accurate. The laboratory provided faxed preliminary results within the requested TAT and the final report was also received in a timely manner as was additional QC when requested for review. The following describes the overall QA/QC indicators.

VOCs by SW-846 Method 8260B

The samples were extracted and analyzed within the hold times. Per the Case Narrative, the GC/MS system was tuned in accordance with the method requirements and calibrated properly for all of the target analytes and surrogate compounds. All ISTD areas and retention-times were within limits for all analysis runs. The Trip Blank contains no target analytes.

The LCB contained no target analytes at a concentration >PQL. The laboratory performed QC Matrix analyses on sample EX-F-17, spiking with the CLP spike compounds. Recovery and precision for all spiked compounds is within project objectives or indicative of high bias which has no affect on the reported results. The BFB surrogate recovery was low in sample EX-F-22. Data acceptance of the reported <PQL results is based upon the acceptable and/or high-bias recoveries for the other two surrogate compounds. All other surrogate recoveries are within project limits for data usability.

TAL Metals by SW-846 Methods 6010B and 7471A

The samples were digested and analyzed within the required hold-times. Per the Case Narrative both the ICP and CVAA systems were properly calibrated. The Laboratory Control/Method Blanks contained no analytes at concentrations equal to the PQL.

All QC recoveries were within laboratory and project objectives for the mercury analysis as was duplicate precision and QC Matrix performance. LCS recovery for aluminum and iron is below limits and due to the high concentrations present in the native sample QC Matrix recoveries for these analytes are indeterminate. Antimony recovery in both the LCS and MS was poor (LCS-20% MS-6%) and there is no evidence of a post-digest spike analysis. All data for this analyte should be rejected. However, since the samples were for over-excavation confirmatory purposes in an area where antimony failure had not occurred, there is no effect on project decision-making processes. Matrix recovery for silver is also below limits (<50%) and this data should be qualified as estimated. The same argument for data use applies to silver as for antimony. All other recovery and precision estimates meet objectives.

Summary of Analysis

Except for the previously mentioned rejection of all antimony results, which have no affect on the intended decision, the overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The results reported should be utilized without reservation in the intended decision-making process.

Guy Gallello, Jr-Project Chemist

12/2/2005
Date

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	11/03/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-511022

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [12] soil samples collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-D-1, EX-D-2, EX-D-3, EX-D-4, EX-D-5, EX-D-6, EX-D-7, EX-D-8, EX-D-9, EX-D-10, EX-D-11, and EX-D-12	11/02/2005 (all)	SOIL	VOC – SW-8260B SVOC – SW-8270C PCB – SW-8082 HERB – SW-8151A PEST – SW-8081A METALS – SW-6010B

All sample analyses were performed within the required holding times. All samples were received at the laboratory intact. There were 3 coolers submitted with chain-of-custody forms and were received each having a temperature of 3°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

Volatile Analysis in Soil by SW-5035A/8260B

The laboratory placed all submitted samples on ice within the required 48-hours of sample collection. All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes. This is indicative of acceptable method accuracy.

MS/MSD: The QC matrix sample selected was from a non-related project. The reported data for the MS/MSD is not indicative of the quality of data for this project's samples.

Alternate Source Calibration: The ASCs were within the acceptable percent difference for the target analytes.

Continuing Calibration: The recoveries for several analytes in the CCCs analyzed were above the 15% criteria indicating a high bias. Target analytes were not detected with the high bias. No qualification is necessary.

ISTD: The ISTD areas were outside the acceptance criteria for one sample. The sample was re-analyzed with acceptable results. No qualification necessary. All other ISTD areas are within control limits when compared to the initial calibration areas.

Surrogates: Several surrogates were above the acceptance criteria. These samples were re-analyzed with similar results. Since the recoveries were high, no qualification is necessary for samples where the target analytes were not detected.

Semi-Volatile Analysis in Soil by SW-3550B/8270C

All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within project acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifies proper instrument control.

MS/MSD: The MS/MSD recoveries are within laboratory acceptance criteria for target analytes. This is indicative of acceptable matrix accuracy and precision.

ISTD: All ISTD recoveries are within control limits.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Herbicide Analysis in Soil by SW8151A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Pesticide Analysis in Soil by SW8081A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries were within control limits. This is indicative of acceptable matrix accuracy and precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Total Metals Analysis in Soil by SW-3050B/6010B and SW-7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. All instrument interference check samples were within control limits. The initial and continuing calibration check samples were within control limits. The initial calibration blank results were below reporting limits. Few analytes were detected in the continuing calibration blank samples. These results were less than 10 times the associated samples results. No qualification necessary.

Method Blanks: The method blank results are below reporting limits for most analytes. The method blank contained trace amounts of Barium, Beryllium, Calcium, Chromium, Magnesium, Manganese and Silver. All sample results are greater than 10 times the method blank results, except Silver. Results for Silver are considered estimated values. No qualification necessary for the other metals.

LCS: The LCS recoveries are within acceptance criteria for the target analytes.

MS/MSD: Sample EX-D-1 was chosen for MS/MSD analysis. Antimony recoveries were below acceptance criteria. The post spike recovery for antimony was within control limits. The RPD value for antimony was outside control limits. The result for antimony is considered estimated, UJ. Insufficient addition of spike concentration is the reason for poor recoveries for 7 other metals. The RPD values for these 7 analytes are within control limits indicating acceptable matrix precision. No qualification required.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. All VOC results are considered estimated values due primarily to matrix interferences as evidenced by review of the chromatograms and re-analysis. The reported data for all other analyses should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

Date

Analytical Report For 511022

for

Shaw E&I, Inc

Project Manager: Guy Gallello

Project Name : SAD-AOC2

November 9, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

Summary of Analytical Results

Client ID: EX-D-1
GPL ID: 511022-001-037-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 20:32
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18900	18.7	mg/kg		1
Antimony	BQL	1.9	mg/kg	UN	1
Arsenic	9.0	1.9	mg/kg		1
Barium	70.2	.47	mg/kg	N	1
Beryllium	0.98	.19	mg/kg		1
Cadmium	0.65	.56	mg/kg		1
Calcium	1800	93.5	mg/kg	N	1
Chromium	27.2	.47	mg/kg		1
Cobalt	16.1	.47	mg/kg		1
Copper	41.6	.94	mg/kg		1
Iron	39300	14	mg/kg		1
Lead	18.9	.94	mg/kg		1
Magnesium	6300	23.4	mg/kg		1
Manganese	519	.47	mg/kg		1
Nickel	31.5	.94	mg/kg		1
Potassium	1860	23.4	mg/kg	N	1
Selenium	1.1	1.9	mg/kg	J	1
Silver	BQL	.47	mg/kg	U	1
Thallium	0.66	2.8	mg/kg	J	1
Vanadium	29.9	.94	mg/kg		1
Zinc	88.1	1.9	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-2
GPL ID: 511022-002-038-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 21:15
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15800	19	mg/kg		1
Antimony	BQL	1.9	mg/kg	UN	1
Arsenic	5.9	1.9	mg/kg		1
Barium	63.1	.48	mg/kg	N	1
Beryllium	0.74	.19	mg/kg		1
Cadmium	0.47	.57	mg/kg	J	1
Calcium	2040	95	mg/kg	N	1
Chromium	19.8	.48	mg/kg		1
Cobalt	10.9	.48	mg/kg		1
Copper	21.2	.95	mg/kg		1
Iron	26600	14.3	mg/kg		1
Lead	19.3	.95	mg/kg		1
Magnesium	4230	23.8	mg/kg		1
Manganese	520	.48	mg/kg		1
Nickel	19.8	.95	mg/kg		1
Potassium	1040	23.8	mg/kg	N	1
Selenium	0.81	1.9	mg/kg	J	1
Silver	0.077	.48	mg/kg	J	1
Thallium	0.38	2.9	mg/kg	J	1
Vanadium	26.8	.95	mg/kg		1
Zinc	70.5	1.9	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-3
GPL ID: 511022-003-039-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 22:06
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	16200	18.7	mg/kg		1
Antimony	BQL	1.9	mg/kg	UN	1
Arsenic	9.5	1.9	mg/kg		1
Barium	109	.47	mg/kg	N	1
Beryllium	0.91	.19	mg/kg		1
Cadmium	0.64	.56	mg/kg		1
Calcium	2460	93.6	mg/kg	N	1
Chromium	24.1	.47	mg/kg		1
Cobalt	16.0	.47	mg/kg		1
Copper	41.4	.94	mg/kg		1
Iron	37400	14	mg/kg		1
Lead	17.8	.94	mg/kg		1
Magnesium	6580	23.4	mg/kg		1
Manganese	794	.47	mg/kg		1
Nickel	45.2	.94	mg/kg		1
Potassium	1540	23.4	mg/kg	N	1
Selenium	0.85	1.9	mg/kg	J	1
Silver	0.098	.47	mg/kg	J	1
Thallium	0.78	2.8	mg/kg	J	1
Vanadium	27.6	.94	mg/kg		1
Zinc	90.7	1.9	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-4
GPL ID: 511022-004-040-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 22:15
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	17700	16.9	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	8.2	1.7	mg/kg		1
Barium	48.4	.42	mg/kg	N	1
Beryllium	0.68	.17	mg/kg		1
Cadmium	0.63	.51	mg/kg		1
Calcium	1170	84.7	mg/kg	N	1
Chromium	25.1	.42	mg/kg		1
Cobalt	8.0	.42	mg/kg		1
Copper	29.9	.85	mg/kg		1
Iron	35900	12.7	mg/kg		1
Lead	14.7	.85	mg/kg		1
Magnesium	5540	21.2	mg/kg		1
Manganese	231	.42	mg/kg		1
Nickel	23.6	.85	mg/kg		1
Potassium	1540	21.2	mg/kg	N	1
Selenium	1.1	1.7	mg/kg	J	1
Silver	0.046	.42	mg/kg	J	1
Thallium	0.36	2.5	mg/kg	J	1
Vanadium	28.9	.85	mg/kg		1
Zinc	65.7	1.7	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-5
GPL ID: 511022-005-041-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 22:23
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	16400	17.1	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	6.6	1.7	mg/kg		1
Barium	51.6	.43	mg/kg	N	1
Beryllium	0.71	.17	mg/kg		1
Cadmium	0.47	.51	mg/kg	J	1
Calcium	1290	85.7	mg/kg	N	1
Chromium	20.7	.43	mg/kg		1
Cobalt	10.4	.43	mg/kg		1
Copper	17.4	.86	mg/kg		1
Iron	30300	12.8	mg/kg		1
Lead	16.0	.86	mg/kg		1
Magnesium	4300	21.4	mg/kg		1
Manganese	472	.43	mg/kg		1
Nickel	18.9	.86	mg/kg		1
Potassium	1070	21.4	mg/kg	N	1
Selenium	0.88	1.7	mg/kg	J	1
Silver	0.047	.43	mg/kg	J	1
Thallium	0.67	2.6	mg/kg	J	1
Vanadium	31.1	.86	mg/kg		1
Zinc	59.4	1.7	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-6
GPL ID: 511022-006-042-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 22:32
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	16100	15.1	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	5.7	1.5	mg/kg		1
Barium	109	.38	mg/kg	N	1
Beryllium	0.81	.15	mg/kg		1
Cadmium	0.45	.45	mg/kg	J	1
Calcium	1710	75.7	mg/kg	N	1
Chromium	20.3	.38	mg/kg		1
Cobalt	10.0	.38	mg/kg		1
Copper	21.7	.76	mg/kg		1
Iron	27100	11.4	mg/kg		1
Lead	11.6	.76	mg/kg		1
Magnesium	4460	18.9	mg/kg		1
Manganese	399	.38	mg/kg		1
Nickel	23.3	.76	mg/kg		1
Potassium	1310	18.9	mg/kg	N	1
Selenium	0.63	1.5	mg/kg	J	1
Silver	0.068	.38	mg/kg	J	1
Thallium	BQL	2.3	mg/kg	U	1
Vanadium	27.7	.76	mg/kg		1
Zinc	67.8	1.5	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-7
GPL ID: 511022-007-043-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 22:40
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15500	15.5	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	6.1	1.6	mg/kg		1
Barium	50.0	.39	mg/kg	N	1
Beryllium	0.68	.16	mg/kg		1
Cadmium	0.51	.47	mg/kg		1
Calcium	1080	77.7	mg/kg	N	1
Chromium	19.6	.39	mg/kg		1
Cobalt	8.7	.39	mg/kg		1
Copper	18.1	.78	mg/kg		1
Iron	28100	11.7	mg/kg		1
Lead	13.4	.78	mg/kg		1
Magnesium	4090	19.4	mg/kg		1
Manganese	356	.39	mg/kg		1
Nickel	18.4	.78	mg/kg		1
Potassium	976	19.4	mg/kg	N	1
Selenium	0.77	1.6	mg/kg	J	1
Silver	BQL	.39	mg/kg	U	1
Thallium	BQL	2.3	mg/kg	U	1
Vanadium	27.7	.78	mg/kg		1
Zinc	57.7	1.6	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-8
GPL ID: 511022-008-044-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 22:49
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	14600	16.1	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	4.8	1.6	mg/kg		1
Barium	61.6	.4	mg/kg	N	1
Beryllium	0.66	.16	mg/kg		1
Cadmium	0.44	.48	mg/kg	J	1
Calcium	1020	80.4	mg/kg	N	1
Chromium	16.9	.4	mg/kg		1
Cobalt	9.4	.4	mg/kg		1
Copper	14.9	.8	mg/kg		1
Iron	21800	12.1	mg/kg		1
Lead	14.7	.8	mg/kg		1
Magnesium	3310	20.1	mg/kg		1
Manganese	565	.4	mg/kg		1
Nickel	14.7	.8	mg/kg		1
Potassium	852	20.1	mg/kg	N	1
Selenium	0.58	1.6	mg/kg	J	1
Silver	0.056	.4	mg/kg	J	1
Thallium	BQL	2.4	mg/kg	U	1
Vanadium	25.6	.8	mg/kg		1
Zinc	63.0	1.6	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-9
GPL ID: 511022-009-045-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 22:57
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	14300	15.6	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	4.8	1.6	mg/kg		1
Barium	56.6	.39	mg/kg	N	1
Beryllium	0.63	.16	mg/kg		1
Cadmium	0.44	.47	mg/kg	J	1
Calcium	1390	77.8	mg/kg	N	1
Chromium	17.3	.39	mg/kg		1
Cobalt	9.3	.39	mg/kg		1
Copper	18.0	.78	mg/kg		1
Iron	21900	11.7	mg/kg		1
Lead	15.1	.78	mg/kg		1
Magnesium	3570	19.5	mg/kg		1
Manganese	671	.39	mg/kg		1
Nickel	17.0	.78	mg/kg		1
Potassium	948	19.5	mg/kg	N	1
Selenium	0.61	1.6	mg/kg	J	1
Silver	0.051	.39	mg/kg	J	1
Thallium	BQL	2.3	mg/kg	U	1
Vanadium	24.7	.78	mg/kg		1
Zinc	57.7	1.6	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-10
GPL ID: 511022-010-046-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 23:06
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15000	18.5	mg/kg		1
Antimony	BQL	1.9	mg/kg	UN	1
Arsenic	5.6	1.9	mg/kg		1
Barium	62.1	.46	mg/kg	N	1
Beryllium	0.69	.19	mg/kg		1
Cadmium	0.47	.56	mg/kg	J	1
Calcium	1610	92.7	mg/kg	N	1
Chromium	20.3	.46	mg/kg		1
Cobalt	10.9	.46	mg/kg		1
Copper	21.9	.93	mg/kg		1
Iron	25000	13.9	mg/kg		1
Lead	24.9	.93	mg/kg		1
Magnesium	3970	23.2	mg/kg		1
Manganese	539	.46	mg/kg		1
Nickel	18.6	.93	mg/kg		1
Potassium	1150	23.2	mg/kg	N	1
Selenium	0.70	1.9	mg/kg	J	1
Silver	BQL	.46	mg/kg	U	1
Thallium	BQL	2.8	mg/kg	U	1
Vanadium	26.9	.93	mg/kg		1
Zinc	64.7	1.9	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-11
GPL ID: 511022-011-047-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 23:15
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18700	15.6	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	7.3	1.6	mg/kg		1
Barium	57.7	.39	mg/kg	N	1
Beryllium	0.78	.16	mg/kg		1
Cadmium	0.54	.47	mg/kg		1
Calcium	1190	78.1	mg/kg	N	1
Chromium	24.2	.39	mg/kg		1
Cobalt	9.6	.39	mg/kg		1
Copper	29.8	.78	mg/kg		1
Iron	34400	11.7	mg/kg		1
Lead	15.0	.78	mg/kg		1
Magnesium	5410	19.5	mg/kg		1
Manganese	363	.39	mg/kg		1
Nickel	24.6	.78	mg/kg		1
Potassium	1340	19.5	mg/kg	N	1
Selenium	0.87	1.6	mg/kg	J	1
Silver	BQL	.39	mg/kg	U	1
Thallium	0.38	2.3	mg/kg	J	1
Vanadium	30.5	.78	mg/kg		1
Zinc	71.2	1.6	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-12
GPL ID: 511022-012-048-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/08/2005
Prep Time: 00:00
Prep Batch: 78566

Analytical Method: SW6010B
Date Analyzed: 11/08/2005
Time Analyzed: 23:23
Analysis Batch: 81923

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18000	15.8	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	7.2	1.6	mg/kg		1
Barium	69.7	.4	mg/kg	N	1
Beryllium	0.87	.16	mg/kg		1
Cadmium	0.58	.47	mg/kg		1
Calcium	1400	79.1	mg/kg	N	1
Chromium	25.5	.4	mg/kg		1
Cobalt	14.6	.4	mg/kg		1
Copper	93.8	.79	mg/kg		1
Iron	34100	11.9	mg/kg		1
Lead	32.8	.79	mg/kg		1
Magnesium	5470	19.8	mg/kg		1
Manganese	477	.4	mg/kg		1
Nickel	29.2	.79	mg/kg		1
Potassium	1550	19.8	mg/kg	N	1
Selenium	0.80	1.6	mg/kg	J	1
Silver	BQL	.4	mg/kg	U	1
Thallium	0.44	2.4	mg/kg	J	1
Vanadium	29.8	.79	mg/kg		1
Zinc	77.9	1.6	mg/kg		1

ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed November 9, 2005

GPL ID	Client ID
511022-001-037-1/1	EX-D-1
511022-002-038-1/1	EX-D-2
511022-003-039-1/1	EX-D-3
511022-004-040-1/1	EX-D-4
511022-005-041-1/1	EX-D-5
511022-006-042-1/1	EX-D-6
511022-007-043-1/1	EX-D-7
511022-008-044-1/1	EX-D-8
511022-009-045-1/1	EX-D-9
511022-010-046-1/1	EX-D-10
511022-011-047-1/1	EX-D-11
511022-012-048-1/1	EX-D-12

Adirondack Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

November 22, 2005

Guy Gallello
Shaw Environmental & Infrastructure
16406 US Route 224 East
Findlay, OH 45840

TEL: (419) 425-6080
FAX: (419) 425-6085

Work Order No: 051121019
PO#: SEND INVOICE W/REPORT

RE: Former Schenectady Army Depot
Schenectady, NY

Dear Guy Gallello:

Adirondack Environmental Services, Inc received 8 samples on 11/21/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709
AIHA#: 100307

Christopher Hess
QA Manager

Guy Gallello - FAX

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-27
Collection Date: 11/21/2005
Lab Sample ID: 051121019-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
Bromomethane	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
Vinyl chloride	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
Chloroethane	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
Methylene chloride	33	25		µg/Kg	5	11/21/2005 9:24:00 PM
Acetone	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
Carbon disulfide	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,1-Dichloroethene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,1-Dichloroethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
trans-1,2-Dichloroethene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
cis-1,2-Dichloroethene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Chloroform	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,2-Dichloroethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
2-Butanone	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
1,1,1-Trichloroethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Carbon tetrachloride	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Bromodichloromethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,2-Dichloropropane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
cis-1,3-Dichloropropene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Trichloroethene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Dibromochloromethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,1,2-Trichloroethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Benzene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
trans-1,3-Dichloropropene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Bromoform	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
4-Methyl-2-pentanone	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
2-Hexanone	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
Tetrachloroethene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,1,2,2-Tetrachloroethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Toluene	30	25		µg/Kg	5	11/21/2005 9:24:00 PM
Chlorobenzene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Ethylbenzene	130	25		µg/Kg	5	11/21/2005 9:24:00 PM
Styrene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
m,p-Xylene	690	25		µg/Kg	5	11/21/2005 9:24:00 PM
o-Xylene	340	25		µg/Kg	5	11/21/2005 9:24:00 PM
Methyl tert-butyl ether	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Dichlorodifluoromethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Methyl Acetate	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-27
Collection Date: 11/21/2005
Lab Sample ID: 051121019-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Trichlorofluoromethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Cyclohexane	< 50	50		µg/Kg	5	11/21/2005 9:24:00 PM
Methyl Cyclohexane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,2-Dibromoethane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,3-Dichlorobenzene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
Isopropylbenzene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,4-Dichlorobenzene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,2-Dichlorobenzene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,2-Dibromo-3-chloropropane	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM
1,2,4-Trichlorobenzene	< 25	25		µg/Kg	5	11/21/2005 9:24:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-28
Collection Date: 11/21/2005
Lab Sample ID: 051121019-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
Bromomethane	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
Chloroethane	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
Methylene chloride	6	5		µg/Kg	1	11/21/2005 8:21:00 PM
Acetone	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Chloroform	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
2-Butanone	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Trichloroethene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Benzene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Bromoform	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
2-Hexanone	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Toluene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Styrene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
o-Xylene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-28
Collection Date: 11/21/2005
Lab Sample ID: 051121019-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Cyclohexane	< 10	10		µg/Kg	1	11/21/2005 8:21:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:21:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-29
Collection Date: 11/21/2005
Lab Sample ID: 051121019-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
Bromomethane	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
Chloroethane	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
Methylene chloride	6	5		µg/Kg	1	11/21/2005 8:53:00 PM
Acetone	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Chloroform	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
2-Butanone	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Trichloroethene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Benzene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Bromoform	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
2-Hexanone	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Toluene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Styrene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
o-Xylene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-29
Collection Date: 11/21/2005
Lab Sample ID: 051121019-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Cyclohexane	< 10	10		µg/Kg	1	11/21/2005 8:53:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/21/2005 8:53:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-30
Collection Date: 11/21/2005
Lab Sample ID: 051121019-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
Bromomethane	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
Chloroethane	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
Methylene chloride	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Acetone	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Chloroform	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
2-Butanone	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Trichloroethene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Benzene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Bromoform	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
2-Hexanone	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Toluene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Styrene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
o-Xylene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-30
Collection Date: 11/21/2005
Lab Sample ID: 051121019-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Cyclohexane	< 10	10		µg/Kg	1	11/22/2005 12:19:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:19:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-31
Collection Date: 11/21/2005
Lab Sample ID: 051121019-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
Bromomethane	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
Chloroethane	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
Methylene chloride	5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Acetone	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Chloroform	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
2-Butanone	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Trichloroethene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Benzene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Bromoform	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
2-Hexanone	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Toluene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Styrene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
m,p-Xylene	12	5		µg/Kg	1	11/22/2005 12:51:00 PM
o-Xylene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-31
Collection Date: 11/21/2005
Lab Sample ID: 051121019-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Cyclohexane	< 10	10		µg/Kg	1	11/22/2005 12:51:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 12:51:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-32
Collection Date: 11/21/2005
Lab Sample ID: 051121019-006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
Bromomethane	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
Chloroethane	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
Methylene chloride	5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Acetone	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Chloroform	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
2-Butanone	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Trichloroethene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Benzene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Bromoform	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
2-Hexanone	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Toluene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Styrene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
o-Xylene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-32
Collection Date: 11/21/2005
Lab Sample ID: 051121019-006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Cyclohexane	< 10	10		µg/Kg	1	11/22/2005 1:22:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:22:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-Duplicate 4
Collection Date: 11/21/2005
Lab Sample ID: 051121019-007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
Bromomethane	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
Chloroethane	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
Methylene chloride	6	5		µg/Kg	1	11/22/2005 1:53:00 PM
Acetone	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Chloroform	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
2-Butanone	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Trichloroethene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Benzene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Bromoform	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
2-Hexanone	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Toluene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Styrene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
o-Xylene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: EX-D-Duplicate 4
Collection Date: 11/21/2005
Lab Sample ID: 051121019-007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Trichlorofluoromethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Cyclohexane	< 10	10		µg/Kg	1	11/22/2005 1:53:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	11/22/2005 1:53:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: Trip Blank
Collection Date: 11/21/2005
Lab Sample ID: 051121019-008
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
Bromomethane	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
Vinyl chloride	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
Chloroethane	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Acetone	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Chloroform	6.1	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
2-Butanone	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Benzene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Bromoform	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
2-Hexanone	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Toluene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Styrene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Nov-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051121019
Project: Former Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: Trip Blank
Collection Date: 11/21/2005
Lab Sample ID: 051121019-008
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Cyclohexane	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	11/21/2005 3:06:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	11/21/2005 3:06:00 PM

Qualifiers:

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E - Value above quantitation range

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: SHAW Environmental	**Address:** 16406 US RT 224 East, Findlay OH	
Send Report To: Guy Gallello	**Project Name (Location)** Scribly Army Depot	**Samplers: (Names)** Anthony Perretta
Client Phone No: 419-425 6080	**Client Fax No:**	**PO Number:** / **Samplers: (Signature)**

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	Ex-D-27	11/21	A/P	Soil		✓	1	8260
002	Ex-D-28	11/21	A/P	Soil		✓	1	8260
003	Ex-D-29	11/21	A/P	Soil		✓	1	8260
004	Ex-D-30	11/21	A/P	Soil		✓	1	8260
005	Ex-D-31	11/21	A/P	Soil		✓	1	8260
006	Ex-D-32	11/21	A/P	Soil		✓	1	8260
007	Ex-D-Duplicate 4	11/21	A/P	Soil			1	8260
008	TRIP BLANK	11/21	A/P	W			1	8260
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					

AES Work Order #: 05112101 9

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☒ 1 Day ☐ 3 Day ☐ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	**Received by: (Signature)**	**Date/Time** 11/21/05
Relinquished by: (Signature)	**Received by: (Signature)**	**Date/Time**
Relinquished by: (Signature)	**Received for Laboratory by:**	**Date/Time** 11/21/05 1:03

TEMPERATURE	PROPERLY PRESERVED	RECEIVED WITHIN HOLDING TIMES
Ambient or Chilled 14°C	(Y) N	(Y) N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack
Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed as irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	12/01/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	051201018

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from Adirondack Environmental Services, Inc. Albany, NY. The results are for [2] soil samples collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
TP-A0I5-1 and TP-A0I6-1	11/30/2005 (all)	SOIL	VOC – SW-8260B METALS – SW-6010B Flashpoint – SW-1010

The sample cooler was hand-delivered to the laboratory and received with ice and at the proper temperature. Chain-of-custody documentation was complete and accurate. The laboratory provided faxed preliminary results within the requested TAT and the final report was also received in a timely manner as was additional QC when requested for review. The following describes the overall QA/QC indicators.

Volatile Analysis in Soil by SW-5035A/8260B

The samples were extracted and analyzed within the hold times. Per the Case Narrative, the GC/MS system was tuned in accordance with the method requirements and calibrated properly for all of the target analytes and surrogate compounds.

Method Blanks: The method blank results are below reporting limits for the target analytes, except for Methylene chloride. Methylene chloride was detected in the blank above the reporting limit. This analyte is a common laboratory contaminant. The samples contained the same amount of Methylene chloride. The Methylene chloride result for TP-A0I5-1 was magnified due to the 200 dilution factor multiplier. The data user should consider this result as estimated and likely due to laboratory contamination.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and instrument control.

MS/MSD: The laboratory did not perform QC matrix analysis on this project's sample. Matrix precision can not be determined.

Surrogates: All surrogate recoveries were within control limits. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Total Metals Analysis in Soil by SW-3050B/6010B and SW-7471A

The samples were digested and analyzed within the required hold-times. Per the Case Narrative both the ICP and CVAA systems were properly calibrated.

Method Blanks: The method blank results are below reporting limits for all analytes, except Calcium and Sodium. The sample results are greater than ten times the blank value. No qualification necessary.

LCS: The LCS recoveries are within acceptance criteria for the target analytes, except Aluminum, Antimony, Iron and Sodium. Recoveries for Aluminum, Antimony and Iron are below control limits. Results reported for Aluminum and Iron are considered estimated values. The results for Antimony (<10% recovery) are rejected. Historical data indicates that Antimony is not a problematic analyte at the project site. Although the Antimony data is rejected based upon instrument performance there is no affect on the decision making process. The recovery for Sodium was above the control limit. The results for Sodium are considered an estimated maximum value.

MS/MSD: QC matrix samples were not analyzed for this analytical batch. The laboratory performed a duplicate analysis of a non-project related sample. Although the precision was demonstrated the data does not determine the quality of results for this project's sample.

Flashpoint Analysis in Soil by SW-1010

The flashpoint method was tested using a laboratory control sample with known flashpoint. The LCS flashed at the expected temperature. The Laboratory performed a duplicate analysis on a non-project related sample. Although precision was met the data has no value with respect to this project's samples.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. Several VOC analytes are reported as estimated maximum values. The reported data for all other analyses should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley, Project Chemist

1/20/6
Date

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

December 05, 2005

Guy Gallello
Shaw Environmental & Infrastructure
16406 US Route 224 East
Findlay, OH 45840

TEL: (419) 425-6080
FAX: (419) 425-6085

Work Order No: 051201018
PO#: SEND INVOICE W/REPORT

RE: Schenectady Army Depot
Findlay OH

Dear Guy Gallello:

Adirondack Environmental Services, Inc received 2 samples on 12/1/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709
AIHA#: 100307

Tara Daniels
Laboratory Manager

Guy Gallello - FAX

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *05-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: TP-A0I5-1
Collection Date: 11/30/2005
Lab Sample ID: 051201018-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **KH**
Aluminum	8550	5.00		µg/g	1	12/1/2005 3:40:00 PM
Antimony	< 3.00	3.00		µg/g	1	12/1/2005 3:40:00 PM
Arsenic	< 0.25	0.25		µg/g	1	12/1/2005 3:40:00 PM
Barium	38.1	0.50		µg/g	1	12/1/2005 3:40:00 PM
Beryllium	0.44	0.25		µg/g	1	12/1/2005 3:40:00 PM
Cadmium	< 0.25	0.25		µg/g	1	12/1/2005 3:40:00 PM
Calcium	18700	250		µg/g	10	12/1/2005 3:46:00 PM
Chromium	18.8	0.25		µg/g	1	12/1/2005 3:40:00 PM
Cobalt	9.25	2.50		µg/g	1	12/1/2005 3:40:00 PM
Copper	48.0	0.25		µg/g	1	12/1/2005 3:40:00 PM
Iron	34600	25.0		µg/g	10	12/1/2005 3:46:00 PM
Lead	21.1	0.25		µg/g	1	12/1/2005 3:40:00 PM
Magnesium	5900	25.0		µg/g	1	12/1/2005 3:40:00 PM
Manganese	362	0.50		µg/g	1	12/1/2005 3:40:00 PM
Nickel	24.5	2.50		µg/g	1	12/1/2005 3:40:00 PM
Potassium	779	25.0		µg/g	1	12/1/2005 3:40:00 PM
Selenium	< 0.25	0.25		µg/g	1	12/1/2005 3:40:00 PM
Silver	< 1.00	1.00		µg/g	1	12/1/2005 3:40:00 PM
Sodium	1190	25.0		µg/g	1	12/1/2005 3:40:00 PM
Thallium	< 0.50	0.50		µg/g	1	12/1/2005 3:40:00 PM
Vanadium	16.3	2.50		µg/g	1	12/1/2005 3:40:00 PM
Zinc	76.1	0.50		µg/g	1	12/1/2005 3:40:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	< 0.020	0.020		µg/g	1	12/5/2005
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
Bromomethane	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
Vinyl chloride	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
Chloroethane	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
Methylene chloride	1600	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Acetone	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
Carbon disulfide	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,1-Dichloroethene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,1-Dichloroethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
trans-1,2-Dichloroethene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
cis-1,2-Dichloroethene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Chloroform	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,2-Dichloroethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *05-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: TP-A0I5-1
Collection Date: 11/30/2005
Lab Sample ID: 051201018-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
2-Butanone	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
1,1,1-Trichloroethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Carbon tetrachloride	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Bromodichloromethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,2-Dichloropropane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
cis-1,3-Dichloropropene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Trichloroethene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Dibromochloromethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,1,2-Trichloroethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Benzene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
trans-1,3-Dichloropropene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Bromoform	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
4-Methyl-2-pentanone	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
2-Hexanone	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
Tetrachloroethene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,1,2,2-Tetrachloroethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Toluene	1300	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Chlorobenzene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Ethylbenzene	14000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Styrene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
m,p-Xylene	51000	1000	E	µg/Kg	200	12/2/2005 6:44:00 PM
o-Xylene	25000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Methyl tert-butyl ether	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Dichlorodifluoromethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Methyl Acetate	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Trichlorofluoromethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Cyclohexane	< 2000	2000		µg/Kg	200	12/2/2005 6:44:00 PM
Methyl Cyclohexane	12000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,2-Dibromoethane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,3-Dichlorobenzene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
Isopropylbenzene	5900	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,4-Dichlorobenzene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,2-Dichlorobenzene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,2-Dibromo-3-chloropropane	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
1,2,4-Trichlorobenzene	< 1000	1000		µg/Kg	200	12/2/2005 6:44:00 PM
FLASH POINT ASTM_D93-02A						Analyst: **PL**
Flash Point	200	60		°F	1	12/2/2005

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *05-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: TP-AI06-1
Collection Date: 11/30/2005
Lab Sample ID: 051201018-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **KH**
Aluminum	10400	5.00		µg/g	1	12/1/2005 3:50:00 PM
Antimony	< 3.00	3.00		µg/g	1	12/1/2005 3:50:00 PM
Arsenic	< 0.25	0.25		µg/g	1	12/1/2005 3:50:00 PM
Barium	39.2	0.50		µg/g	1	12/1/2005 3:50:00 PM
Beryllium	0.54	0.25		µg/g	1	12/1/2005 3:50:00 PM
Cadmium	< 0.25	0.25		µg/g	1	12/1/2005 3:50:00 PM
Calcium	11800	250		µg/g	10	12/1/2005 3:55:00 PM
Chromium	16.0	0.25		µg/g	1	12/1/2005 3:50:00 PM
Cobalt	5.96	2.50		µg/g	1	12/1/2005 3:50:00 PM
Copper	8.24	0.25		µg/g	1	12/1/2005 3:50:00 PM
Iron	23300	25.0		µg/g	10	12/1/2005 3:55:00 PM
Lead	10.7	0.25		µg/g	1	12/1/2005 3:50:00 PM
Magnesium	5650	25.0		µg/g	1	12/1/2005 3:50:00 PM
Manganese	394	0.50		µg/g	1	12/1/2005 3:50:00 PM
Nickel	17.1	2.50		µg/g	1	12/1/2005 3:50:00 PM
Potassium	720	25.0		µg/g	1	12/1/2005 3:50:00 PM
Selenium	< 0.25	0.25		µg/g	1	12/1/2005 3:50:00 PM
Silver	< 1.00	1.00		µg/g	1	12/1/2005 3:50:00 PM
Sodium	487	25.0		µg/g	1	12/1/2005 3:50:00 PM
Thallium	< 0.50	0.50		µg/g	1	12/1/2005 3:50:00 PM
Vanadium	17.3	2.50		µg/g	1	12/1/2005 3:50:00 PM
Zinc	54.9	0.50		µg/g	1	12/1/2005 3:50:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	< 0.020	0.020		µg/g	1	12/5/2005
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	12/2/2005 12:30:00 PM
Bromomethane	< 10	10		µg/Kg	1	12/2/2005 12:30:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	12/2/2005 12:30:00 PM
Chloroethane	< 10	10		µg/Kg	1	12/2/2005 12:30:00 PM
Methylene chloride	6	5	B	µg/Kg	1	12/2/2005 12:30:00 PM
Acetone	14	10		µg/Kg	1	12/2/2005 12:30:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Chloroform	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *05-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: TP-AI06-1
Collection Date: 11/30/2005
Lab Sample ID: 051201018-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
2-Butanone	< 10	10		µg/Kg	1	12/2/2005 12:30:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Trichloroethene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Benzene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Bromoform	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	12/2/2005 12:30:00 PM
2-Hexanone	< 10	10		µg/Kg	1	12/2/2005 12:30:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Toluene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Styrene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
o-Xylene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Cyclohexane	< 10	10		µg/Kg	1	12/2/2005 12:30:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	12/2/2005 12:30:00 PM
FLASH POINT ASTM_D93-02A						Analyst: **PL**
Flash Point	200	60		°F	1	12/2/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

A full service analytical research laboratory offering solutions to environmental concerns

Client Name:	Address:	
SHAW Environmental	Findlay OH	
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**
Guy Gallello		A Perre HA
Client Phone No:	**Client Fax No:**	**PO Number:** / **Samplers: (Signature)**
419 425 6080		

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	~~AOI-5~~ & TP-AOI5-1	11/30/05	15:30	A	Soil		✓	2	FLASHPT 8260 TALmetals
002	TP-AI06-1	11/30/05	1500	A	Soil		✓		
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

AES Work Order #: 051201018

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☐ Normal
☒ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12/1/05 9:39
Relinquished by: (Signature)	**Received by: (Signature)**	**Date/Time**
Relinquished by: (Signature)	**Received for Laboratory by:**	**Date/Time**
		12/01/05 9:40

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack
Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed as irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

LFB SeqNo: 321475 | Prep: | TestNo: SW8260B | Run ID: GCMS-C_051202A

Samp ID lcs020 | PrepDate/Batch GCMS-C_051202A | Units: µg/Kg | Analysis Date: 12/2/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	21.49	5.0	20	0	107	61.8	140	0	0		
1,1,2,2-Tetrachloroethane	24.93	5.0	20	0	125	49.9	147	0	0		
1,1,2-Trichloroethane	20.39	5.0	20	0	102	57.2	150	0	0		
1,1-Dichloroethane	21.94	5.0	20	0	110	66.9	133	0	0		
1,1-Dichloroethene	20.95	5.0	20	0	105	43.3	147	0	0		
1,2-Dichloroethane	20.91	5.0	20	0	105	63.6	137	0	0		
1,2-Dichloropropane	19.65	5.0	20	0	98.3	66.4	141	0	0		
2-Butanone	20.56	10	20	0	103	75	125	0	0		
2-Hexanone	22.15	10	20	0	111	75	125	0	0		
4-Methyl-2-pentanone	19.92	10	20	0	99.6	31.4	184	0	0		
Acetone	16.97	10	20	0	84.8	75	125	0	0		
Benzene	20.62	5.0	20	0	103	68.7	140	0	0		
Bromodichloromethane	22.72	5.0	20	0	114	62.5	141	0	0		
Bromomethane	26.31	10	20	0	132	35.7	177	0	0		
Carbon disulfide	19.59	5.0	20	0	98	54.2	158	0	0		
Carbon tetrachloride	21.58	5.0	20	0	108	65.4	135	0	0		
Chlorobenzene	22.21	5.0	20	0	111	64.5	141	0	0		
Chloroethane	21.19	10	20	0	106	52.5	151	0	0		
Chloroform	20.71	5.0	20	0	104	71.4	134	0	0		
Chloromethane	24.21	10	20	0	121	22.7	178	0	0		
cis-1,2-Dichloroethene	22.29	5.0	20	0	111	51	133	0	0		
cis-1,3-Dichloropropene	25.45	5.0	20	0	127	59.7	132	0	0		
Dibromochloromethane	23.32	5.0	20	0	117	60.4	143	0	0		
Ethylbenzene	23.56	5.0	20	0	118	65	131	0	0		
m,p-Xylene	42.55	5.0	40	0	106	43.6	168	0	0		
Methylene chloride	23.75	5.0	20	5.702	90.2	32.9	173	0	0		B
o-Xylene	22.34	5.0	20	0	112	54.2	137	0	0		
Styrene	21.17	5.0	20	0	106	68.3	127	0	0		
Tetrachloroethene	22.34	5.0	20	0	112	51.5	147	0	0		
Toluene	21	5.0	20	0	105	60.2	143	0	0		
trans-1,2-Dichloroethene	20.28	5.0	20	0	101	63.8	128	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Adirondack Environmental Services, Inc

Date: 06-Jan-06

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot
Test No: SW8260B **Matrix:** S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DCA12D4					
051201018-001A	115	103	98.5					
051201018-002A	102	104	94.7					
lcs020	103	105	96.8					
vblk	99.1	105	95.6					

Acronym		Surrogate	QC Limits
BR4FBZ	=	4-Bromofluorobenzene	71.4-134
BZMED8	=	Toluene-d8	80-131
DCA12D4	=	1,2-Dichloroethane-d4	72-138

*** Surrogate recovery outside acceptance limits**

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

Sample ID vblk | SampType: MBLK | TestCode: EPA_8260_S | Units: µg/Kg | Prep Date: | Run ID: GCMS-C_051202A
Client ID: ZZZZZ | Batch ID: GCMS-C_051 | TestNo: SW8260B | Analysis Date: 12/2/2005 | SeqNo: 321441

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<	5.0									
1,1,2,2-Tetrachloroethane	<	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	<	5.0									
1,1,2-Trichloroethane	<	5.0									
1,1-Dichloroethane	<	5.0									
1,1-Dichloroethene	<	5.0									
1,2,4-Trichlorobenzene	<	5.0									
1,2-Dibromo-3-chloropropane	<	5.0									
1,2-Dibromoethane	<	5.0									
1,2-Dichlorobenzene	<	5.0									
1,2-Dichloroethane	<	5.0									
1,2-Dichloropropane	<	5.0									
1,3-Dichlorobenzene	<	5.0									
1,4-Dichlorobenzene	<	5.0									
2-Butanone	<	10									
2-Hexanone	<	10									
4-Methyl-2-pentanone	<	10									
Acetone	<	10									
Benzene	<	5.0									
Bromodichloromethane	<	5.0									
Bromoform	<	5.0									
Bromomethane	<	10									
Carbon disulfide	<	5.0									
Carbon tetrachloride	<	5.0									
Chlorobenzene	<	5.0									
Chloroethane	<	10									
Chloroform	<	5.0									
Chloromethane	<	10									
cis-1,2-Dichloroethene	<	5.0									
cis-1,3-Dichloropropene	<	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

Sample ID vblk	SampType: MBLK	TestCode: EPA_8260_S	Units: µg/Kg	Prep Date:	Run ID: GCMS-C_051202A
Client ID: ZZZZZ	Batch ID: GCMS-C_051	TestNo: SW8260B		Analysis Date: 12/2/2005	SeqNo: 321441

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyclohexane	<	10									
Dibromochloromethane	<	5.0									
Dichlorodifluoromethane	<	5.0									
Ethylbenzene	<	5.0									
Isopropylbenzene	<	5.0									
m,p-Xylene	<	5.0									
Methyl Acetate	<	5.0									
Methyl Cyclohexane	<	5.0									
Methyl tert-butyl ether	<	5.0									
Methylene chloride	5.702	5.0									
o-Xylene	<	5.0									
Styrene	<	5.0									
Tetrachloroethene	<	5.0									
Toluene	<	5.0									
trans-1,2-Dichloroethene	<	5.0									
trans-1,3-Dichloropropene	<	5.0									
Trichloroethene	<	5.0									
Trichlorofluoromethane	<	5.0									
Vinyl chloride	<	10									
Surr: 1,2-Dichloroethane-d4	47.81	5.0	50	0	95.6	72	138	0	0		
Surr: 4-Bromofluorobenzene	49.57	5.0	50	0	99.1	71.4	134	0	0		
Surr: Toluene-d8	52.62	5.0	50	0	105	80	131	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Adirondack Environmental Services, Inc

Date: *12-Jan-06*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

LFB SeqNo: 322313 | Prep: | TestNo: SW8260B | Run ID: GCMS-C_051206A
Samp ID lcs020 | PrepDate/Batch | GCMS-C_051206A | Units: µg/Kg | Analysis Date: 12/6/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	22.84	5.0	20	0	114	61.8	140	0	0		
1,1,2,2-Tetrachloroethane	25.71	5.0	20	0	129	49.9	147	0	0		
1,1,2-Trichloroethane	20.17	5.0	20	0	101	57.2	150	0	0		
1,1-Dichloroethane	19.45	5.0	20	0	97.3	66.9	133	0	0		
1,1-Dichloroethene	18.79	5.0	20	0	93.9	43.3	147	0	0		
1,2-Dichloroethane	21.04	5.0	20	0	105	63.6	137	0	0		
1,2-Dichloropropane	23.43	5.0	20	0	117	66.4	141	0	0		
2-Butanone	34.97	10	20	0	175	75	125	0	0		S
2-Hexanone	21.98	10	20	0	110	75	125	0	0		
4-Methyl-2-pentanone	21.94	10	20	0	110	31.4	184	0	0		
Acetone	23.29	10	20	9.961	66.7	75	125	0	0		S
Benzene	20.66	5.0	20	0	103	68.7	140	0	0		
Bromodichloromethane	23.61	5.0	20	0	118	62.5	141	0	0		
Bromoform	19.26	5.0	20	0	96.3	52.5	149	0	0		
Bromomethane	26	10	20	0	130	35.7	177	0	0		
Carbon disulfide	16.19	5.0	20	0	80.9	54.2	158	0	0		
Carbon tetrachloride	23.29	5.0	20	0	116	65.4	135	0	0		
Chlorobenzene	20.72	5.0	20	0	104	64.5	141	0	0		
Chloroethane	18.11	10	20	0	90.6	52.5	151	0	0		
Chloroform	19.3	5.0	20	0	96.5	71.4	134	0	0		
Chloromethane	19.03	10	20	0	95.1	22.7	178	0	0		
cis-1,2-Dichloroethene	19.86	5.0	20	0	99.3	51	133	0	0		
cis-1,3-Dichloropropene	24.43	5.0	20	0	122	59.7	132	0	0		
Dibromochloromethane	26.05	5.0	20	0	130	60.4	143	0	0		
Ethylbenzene	19.76	5.0	20	0	98.8	65	131	0	0		
m,p-Xylene	36.13	5.0	40	0	90.3	43.6	168	0	0		
Methylene chloride	20.43	5.0	20	0	102	32.9	173	0	0		
o-Xylene	20.32	5.0	20	0	102	54.2	137	0	0		
Styrene	18.72	5.0	20	0	93.6	68.3	127	0	0		
Tetrachloroethene	21.59	5.0	20	0	108	51.5	147	0	0		
Toluene	20.28	5.0	20	0	101	60.2	143	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: FLASH POINT

Sample ID LCS-R29735 SampType: LCS TestCode: FLASH POIN Units: °F Prep Date: Run ID: FLASHPOINT_051202A
Client ID: ZZZZZ Batch ID: R29735 TestNo: ASTM_D93-0 Analysis Date: 12/2/2005 SeqNo: 321141

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Flash Point	131.6	60.0	127	0	104	97	103	0	0		S

Sample ID 051130044-003A D SampType: DUP TestCode: FLASH POIN Units: °F Prep Date: Run ID: FLASHPOINT_051202A
Client ID: ZZZZZ Batch ID: R29735 TestNo: ASTM_D93-0 Analysis Date: 12/2/2005 SeqNo: 321145

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Flash Point	70.4	60.0	0	0	0	0	0	65	7.98	10.2	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID MB-9974 | SampType: MBLK | TestCode: ICP METALS | Units: µg/g | Prep Date: 12/1/2005 | Run ID: ICP-3_051202A
Client ID: ZZZZZ | Batch ID: 9974 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/2/2005 | SeqNo: 321468

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									
Barium	<	0.500									
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	71.96	25.0									
Chromium	<	0.250									
Cobalt	<	2.50									
Copper	<	0.250									
Iron	<	2.50									
Lead	<	0.250									
Magnesium	<	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	41.46	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	<	0.500									

Sample ID LCS-9974 | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: 12/1/2005 | Run ID: ICP-3_051202A
Client ID: ZZZZZ | Batch ID: 9974 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/2/2005 | SeqNo: 321469

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5661	10.0	7640	0	74.1	80	120	0	0		S
Antimony	7.584	6.00	84.5	0.049	8.92	80	120	0	0		S
Arsenic	84.17	0.500	95.9	0	87.8	80	120	0	0		
Barium	153.4	1.00	157	0.0895	97.7	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS-9974 SampType: LCS TestCode: ICP METALS Units: µg/g Prep Date: 12/1/2005 Run ID: ICP-3_051202A
Client ID: ZZZZZ Batch ID: 9974 TestNo: SW6010B (SW3050A) Analysis Date: 12/2/2005 SeqNo: 321469

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	50.36	0.500	50.5	0.002	99.7	80	120	0	0		
Cadmium	58.64	0.500	54.6	0.0025	107	80	120	0	0		
Calcium	3921	50.0	3800	71.96	101	80	120	0	0		B
Chromium	68.21	0.500	68.8	0.0000465	99.1	80	120	0	0		
Cobalt	80.4	5.00	77.5	0	104	80	120	0	0		
Copper	92.18	0.500	83.8	0.161	110	80	120	0	0		
Iron	6838	5.00	12100	0.0615	56.5	80	120	0	0		S
Lead	128.3	0.500	121	0	106	80	120	0	0		
Magnesium	2456	50.0	2720	15.54	89.7	80	120	0	0		
Manganese	451	1.00	469	0.015	96.2	80	120	0	0		
Nickel	53.45	5.00	54.5	0.022	98	80	120	0	0		
Potassium	1990	50.0	2190	1.746	90.8	80	120	0	0		
Selenium	96.19	0.500	102	0.1695	94.1	80	120	0	0		
Silver	86.05	2.00	106	0	81.2	80	120	0	0		
Sodium	430.9	50.0	248	41.46	157	80	120	0	0		S
Thallium	173	1.00	182	0.032	95.1	80	120	0	0		
Vanadium	115.7	5.00	118	0	98	80	120	0	0		
Zinc	231.5	1.00	243	0.0335	95.2	80	120	0	0		

Sample ID 051121022-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: 11/22/2005 Run ID: ICP-3_051201A
Client ID: ZZZZZ Batch ID: 9916 TestNo: SW6010B Analysis Date: 12/1/2005 SeqNo: 321179

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5574	5.00	0	0	0	0	0	6527	15.7	15.8	
Antimony	<	3.00	0	0	0	0	0	0	0	20	
Arsenic	<	0.250	0	0	0	0	0	0	0	5.9	
Barium	50.06	0.500	0	0	0	0	0	53.5	6.65	17.9	
Beryllium	0.2785	0.250	0	0	0	0	0	0.345	21.3	4.33	R
Boron	<	2.50	0	0	0	0	0	0	0	5.92	
Cadmium	<	0.250	0	0	0	0	0	0.106	0	11.1	
Calcium	9038	25.0	0	0	0	0	0	6657	30.3	20	BR

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051121022-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: 11/22/2005 Run ID: ICP-3_051201A
Client ID: ZZZZZ Batch ID: 9916 TestNo: SW6010B Analysis Date: 12/1/2005 SeqNo: 321179

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	7.135	0.250	0	0	0	0	0	8.548	18.0	20	
Cobalt	4.466	2.50	0	0	0	0	0	5.912	27.9	17.4	R
Copper	13.86	0.250	0	0	0	0	0	13.97	0.816	20	
Iron	7756	2.50	0	0	0	0	0	8796	12.6	20	
Lead	11.06	0.250	0	0	0	0	0	14.99	30.2	20	R
Lithium	<	25.0	0	0	0	0	0	13.54	0	20	
Magnesium	4959	25.0	0	0	0	0	0	3800	26.5	20	BR
Manganese	317.7	0.500	0	0	0	0	0	361.8	13.0	20	B
Molybdenum	<	0.500	0	0	0	0	0	0	0	12.4	
Nickel	7.242	2.50	0	0	0	0	0	9.191	23.7	14.6	R
Potassium	400.2	25.0	0	0	0	0	0	502.4	22.6	20	R
Selenium	<	0.250	0	0	0	0	0	0	0	20	
Silver	<	1.00	0	0	0	0	0	0	0	10.3	
Sodium	136	25.0	0	0	0	0	0	111.9	19.5	20	B
Strontium	22.47	2.50	0	0	0	0	0	21.18	5.91	20	
Thallium	<	0.500	0	0	0	0	0	0	0	20	
Tin	<	2.50	0	0	0	0	0	0.0755	0	17.1	
Titanium	8.417	2.50	0	0	0	0	0	9.116	7.97	16.7	
Vanadium	8.092	2.50	0	0	0	0	0	8.656	6.73	16.7	
Zinc	37	0.500	0	0	0	0	0	42.22	13.2	20	B
Zirconium	<	2.50	0	0	0	0	0	2.072	0	10.4	

Sample ID 051123046-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g-dry Prep Date: 11/29/2005 Run ID: ICP-3_051202A
Client ID: ZZZZZ Batch ID: 9952 TestNo: SW6010B Analysis Date: 12/2/2005 SeqNo: 321477

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	108300	21.7	0	0	0	0	0	104100	3.99	15.8	
Antimony	<	13.0	0	0	0	0	0	0	0	20	
Arsenic	<	1.09	0	0	0	0	0	0	0	5.9	
Barium	126.3	2.17	0	0	0	0	0	124.5	1.42	17.9	
Beryllium	<	1.09	0	0	0	0	0	0.6696	0	4.33	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051123046-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g-dry Prep Date: 11/29/2005 Run ID: ICP-3_051202A
Client ID: ZZZZZ Batch ID: 9952 TestNo: SW6010B Analysis Date: 12/2/2005 SeqNo: 321477

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	<	10.9	0	0	0	0	0	0	0	5.92	
Cadmium	4.75	1.09	0	0	0	0	0	4.672	1.66	11.1	
Calcium	11810	109	0	0	0	0	0	11610	1.75	20	
Chromium	34.95	1.09	0	0	0	0	0	34.99	0.0995	20	
Cobalt	<	10.9	0	0	0	0	0	0.1891	0	17.4	
Copper	309.7	1.09	0	0	0	0	0	307.8	0.636	20	
Iron	13210	10.9	0	0	0	0	0	13070	1.10	20	
Lead	73.48	1.09	0	0	0	0	0	73.35	0.175	20	
Lithium	<	109	0	0	0	0	0	5.067	0	20	
Magnesium	3099	109	0	0	0	0	0	3074	0.816	20	
Manganese	734.5	2.17	0	0	0	0	0	716.5	2.48	20	
Molybdenum	4.987	2.17	0	0	0	0	0	5.2	4.18	12.4	
Nickel	15.82	10.9	0	0	0	0	0	15.68	0.856	14.6	
Potassium	2279	109	0	0	0	0	0	2246	1.44	20	
Selenium	8.628	1.09	0	0	0	0	0	10.74	21.8	20	R
Silver	<	4.35	0	0	0	0	0	0	0	10.3	
Sodium	1018	109	0	0	0	0	0	1009	0.892	20	
Strontium	84.98	10.9	0	0	0	0	0	85.32	0.396	20	
Thallium	<	2.17	0	0	0	0	0	0	0	20	
Tin	45.2	10.9	0	0	0	0	0	45.3	0.202	17.1	
Titanium	119.9	10.9	0	0	0	0	0	122.2	1.86	16.7	
Vanadium	36.76	10.9	0	0	0	0	0	37.97	3.25	16.7	
Zinc	1312	2.17	0	0	0	0	0	1299	1.01	20	
Zirconium	<	10.9	0	0	0	0	0	10.15	0	10.4	

Sample ID 051201007-001ADP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: 12/6/2005 Run ID: ICP-3_051207A
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B Analysis Date: 12/7/2005 SeqNo: 322729

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4233	5.00	0	0	0	0	0	3244	26.4	15.8	R
Antimony	<	3.00	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051201007-001ADP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: 12/6/2005 Run ID: ICP-3_051207A
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B Analysis Date: 12/7/2005 SeqNo: 322729

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	<	0.250	0	0	0	0	0	0	0	5.9	
Barium	45.99	0.500	0	0	0	0	0	28.78	46.0	17.9	R
Beryllium	<	0.250	0	0	0	0	0	0.1935	0	4.33	
Boron	<	2.50	0	0	0	0	0	0	0	5.92	
Cadmium	<	0.250	0	0	0	0	0	0	0	11.1	
Calcium	3952	25.0	0	0	0	0	0	2974	28.3	20	BR
Chromium	3.6	0.250	0	0	0	0	0	2.598	32.3	20	R
Cobalt	<	2.50	0	0	0	0	0	1.462	0	17.4	
Copper	6.758	0.250	0	0	0	0	0	6.224	8.21	20	B
Iron	9486	2.50	0	0	0	0	0	7928	17.9	20	
Lead	0.585	0.250	0	0	0	0	0	0.262	76.3	20	R
Lithium	<	25.0	0	0	0	0	0	3.572	0	20	
Magnesium	498.8	25.0	0	0	0	0	0	271.7	59.0	20	BR
Manganese	25.54	0.500	0	0	0	0	0	19.12	28.8	20	R
Molybdenum	<	0.500	0	0	0	0	0	0	0	12.4	
Nickel	3.511	2.50	0	0	0	0	0	2.782	23.2	14.6	R
Potassium	287	25.0	0	0	0	0	0	190.5	40.4	20	R
Selenium	<	0.250	0	0	0	0	0	0	0	20	
Silver	<	1.00	0	0	0	0	0	0	0	10.3	
Sodium	259.4	25.0	0	0	0	0	0	220.4	16.3	20	B
Strontium	67.03	2.50	0	0	0	0	0	55.33	19.1	20	
Thallium	<	0.500	0	0	0	0	0	0	0	20	
Tin	<	2.50	0	0	0	0	0	0.012	0	17.1	
Titanium	140.1	2.50	0	0	0	0	0	98.46	34.9	16.7	R
Vanadium	9.363	2.50	0	0	0	0	0	7.247	25.5	16.7	R
Zinc	4.467	0.500	0	0	0	0	0	3.844	15.0	20	
Zirconium	<	2.50	0	0	0	0	0	1.7	0	10.4	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051201018
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY_SOIL

Sample ID	MB-9985	SampType:	MBLK	TestCode:	MERCURY_S	Units:	µg/g	Prep Date:	12/2/2005	Run ID:	HG_051205A
Client ID:	ZZZZZ	Batch ID:	9985	TestNo:	SW7471A		(SW7471A)	Analysis Date:	12/5/2005	SeqNo:	321783

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200									

Sample ID	LCS-9985	SampType:	LCS	TestCode:	MERCURY_S	Units:	µg/g	Prep Date:	12/2/2005	Run ID:	HG_051205A
Client ID:	ZZZZZ	Batch ID:	9985	TestNo:	SW7471A		(SW7471A)	Analysis Date:	12/5/2005	SeqNo:	321784

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	5.95	0.200	5.82	0	102	65.1	134	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	12/6/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	051205025

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from Adirondack Environmental Services, Inc. Albany, NY. The results are for [1] soil sample collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The sample was analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
TP-A0I-1 (Area F)	12/05/2005	SOIL	VOC – SW-8260B, SVCO – SW-8270C, PCB – SW-8082, Pesticide – SW-8081A, Herbicide – SW-8151A, Metals – SW-6010B, Reactive CN & S – SW-7.3.3.2/7.3.4.2, Flashpoint – SW-1010, pH – SW-9045, and Paint Filter – SW-9095

The sample cooler was hand-delivered to the laboratory and received with ice and at the proper temperature. Chain-of-custody documentation was complete and accurate. The laboratory provided faxed preliminary results within the requested TAT and the final report was also received in a timely manner as was additional QC when requested for review. The following describes the overall QA/QC indicators.

Volatile Analysis in Soil by SW-8260B

The samples were extracted and analyzed within the hold times. Per the Case Narrative, the GC/MS system was tuned in accordance with the method requirements and calibrated properly for all of the target analytes and surrogate compounds.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes. This is indicative of acceptable method accuracy and instrument control.

MS/MSD: Project specific QC matrix samples were not performed for this analytical batch. Matrix precision is not determined.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Semi-Volatile Analysis in Soil by SW-8270C

The samples were extracted and analyzed within the hold times. Per the Case Narrative, the GC/MS system was tuned in accordance with the method requirements and calibrated properly for all of the target analytes and surrogate compounds.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes. This is indicative of acceptable method accuracy and instrument control.

MS/MSD: Project specific QC matrix samples were not performed for this analytical batch. Matrix precision is not determined.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Pesticide Analysis in Soil by SW-8081A

The samples were extracted and analyzed within the hold times. Per the Case Narrative, the GC system was calibrated properly for all of the target analytes and surrogate compounds.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: Project specific QC matrix samples were not performed for this analytical batch. Matrix precision is not determined.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The samples were extracted and analyzed within the hold times. Per the Case Narrative, the GC system was calibrated properly for all of the target analytes and surrogate compounds.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: Project specific QC matrix samples were not performed for this analytical batch. Matrix precision is not determined.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Herbicide Analysis in Soil by SW-8151A

The samples were extracted and analyzed within the hold times. Per the Case Narrative, the GC system was calibrated properly for all of the target analytes and surrogate compounds.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: Project specific QC matrix samples were not performed for this analytical batch. Matrix precision is not determined.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Metals Analysis in Soil by SW-6010B and SW7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. All instrument interference check samples were within control limits. The initial and continuing calibration check samples were within control limits. The initial calibration blank results were below reporting limits.

Method Blanks: The method blank results are below reporting limits, except, Calcium, Copper, Lead, Magnesium, Sodium and Zinc. The reported value for Sodium in the sample is less than ten times the method blank value. The result for Sodium is considered estimated. All other metals do not require qualification as the sample results are greater than ten times the respective method blank value.

LCS: The LCS recoveries are within acceptance criteria for the target analytes, except Antimony and Iron. The result for Antimony (<10% recovery) is rejected. Historical data indicates that Antimony is not a problematic analyte at the project site. Although the Antimony data is rejected based upon instrument performance there is no affect on the decision making process. The result for iron is considered estimated.

MS: The project sample was chosen for QC matrix analysis. The MS recoveries were not observed for Arsenic, Selenium, Silver or Thallium. It is not known whether the analytes were spiked into the sample. There is insufficient information to determine matrix accuracy. Therefore, results for these analytes are considered estimated. The recoveries for Aluminum, Iron and Manganese were outside control limits due to insufficient spike level relative to the native sample concentration. No qualification for these analytes are necessary.

General Chemistry

Method blanks were below reporting limits for the applicable methods. LCS recoveries for all spiked compounds were within control limits indicating acceptable method accuracy for the applicable methods.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The result for antimony is rejected however, this will not affect the decision making process. Refer to the above noted deficiencies when utilizing data in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/20/6
Date

Adirondack
Environmental Services, Inc.

Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

December 12, 2005

Guy Gallello
Shaw Environmental & Infrastructure
16406 US Route 224 East
Findlay, OH 45840

TEL: (419) 425-6080
FAX: (419) 425-6085

Work Order No: 051205025

RE: Schenectady Army Depot

Dear Guy Gallello:

Adirondack Environmental Services, Inc received 1 sample on 12/5/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709
AIHA#: 100307

Tara Daniels
Laboratory Manager

Guy Gallello - FAX

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *12-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
PO#:

Client Sample ID: TP-AOI-1/Area F
Collection Date: 12/5/2005
Lab Sample ID: 051205025-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES SW8081A(SW3545)						Analyst: **KF**
4,4'-DDD	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
4,4'-DDE	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
4,4'-DDT	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Aldrin	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
alpha-BHC	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
alpha-Chlordane	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
beta-BHC	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Chlordane	< 200	200		µg/Kg-dry	1	12/7/2005 10:06:46 PM
delta-BHC	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Dieldrin	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Endosulfan I	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Endosulfan II	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Endosulfan sulfate	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Endrin	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Endrin aldehyde	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Endrin ketone	< 3.8	3.8		µg/Kg-dry	1	12/7/2005 10:06:46 PM
gamma-BHC	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
gamma-Chlordane	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Heptachlor	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Heptachlor epoxide	< 2.0	2.0		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Methoxychlor	< 20	20		µg/Kg-dry	1	12/7/2005 10:06:46 PM
Toxaphene	< 200	200		µg/Kg-dry	1	12/7/2005 10:06:46 PM
POLYCHLORINATED BIPHENYLS SW8082(SW3545)						Analyst: **KF**
Aroclor 1016	< 38	38		µg/Kg-dry	1	12/7/2005
Aroclor 1221	< 38	38		µg/Kg-dry	1	12/7/2005
Aroclor 1232	< 38	38		µg/Kg-dry	1	12/7/2005
Aroclor 1242	< 38	38		µg/Kg-dry	1	12/7/2005
Aroclor 1248	< 38	38		µg/Kg-dry	1	12/7/2005
Aroclor 1254	< 38	38		µg/Kg-dry	1	12/7/2005
Aroclor 1260	< 38	38		µg/Kg-dry	1	12/7/2005
CHLORINATED HERBICIDES SW8151A						Analyst: **TN**
2,4-D	< 230	230		µg/Kg-dry	1	12/7/2005
Dicamba	< 230	230		µg/Kg-dry	1	12/7/2005
Dinoseb	< 230	230		µg/Kg-dry	1	12/7/2005
2,4,5-T	< 230	230		µg/Kg-dry	1	12/7/2005
2,4,5-TP (Silvex)	< 230	230		µg/Kg-dry	1	12/7/2005
ICP METALS SW6010B(SW3050A)						Analyst: **KH**
Aluminum	8560	5.75		µg/g-dry	1	12/9/2005 2:50:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *12-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
PO#:

Client Sample ID: TP-AOI-1/Area F
Collection Date: 12/5/2005
Lab Sample ID: 051205025-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **KH**
Antimony	< 3.45	3.45		µg/g-dry	1	12/9/2005 2:50:00 PM
Arsenic	< 0.29	0.29		µg/g-dry	1	12/9/2005 2:50:00 PM
Barium	45.9	0.58		µg/g-dry	1	12/9/2005 2:50:00 PM
Beryllium	0.41	0.29		µg/g-dry	1	12/9/2005 2:50:00 PM
Cadmium	< 0.29	0.29		µg/g-dry	1	12/9/2005 2:50:00 PM
Calcium	10200	28.7	B	µg/g-dry	1	12/9/2005 2:50:00 PM
Chromium	13.7	0.29		µg/g-dry	1	12/9/2005 2:50:00 PM
Cobalt	8.51	2.87		µg/g-dry	1	12/9/2005 2:50:00 PM
Copper	26.3	0.29		µg/g-dry	1	12/9/2005 2:50:00 PM
Iron	14400	2.87		µg/g-dry	1	12/9/2005 2:50:00 PM
Lead	10.5	0.29	B	µg/g-dry	1	12/9/2005 2:50:00 PM
Magnesium	6180	28.7	B	µg/g-dry	1	12/9/2005 2:50:00 PM
Manganese	306	0.58		µg/g-dry	1	12/9/2005 2:50:00 PM
Nickel	19.8	2.87		µg/g-dry	1	12/9/2005 2:50:00 PM
Potassium	672	28.7		µg/g-dry	1	12/9/2005 2:50:00 PM
Selenium	< 0.29	0.29		µg/g-dry	1	12/9/2005 2:50:00 PM
Silver	< 1.15	1.15		µg/g-dry	1	12/9/2005 2:50:00 PM
Sodium	141	28.7	B	µg/g-dry	1	12/9/2005 2:50:00 PM
Thallium	< 0.58	0.58		µg/g-dry	1	12/9/2005 2:50:00 PM
Vanadium	15.5	2.87		µg/g-dry	1	12/9/2005 2:50:00 PM
Zinc	58.0	0.58	B	µg/g-dry	1	12/9/2005 2:50:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	< 0.023	0.023		µg/g-dry	1	12/9/2005
SEMI VOLATILE ORGANICS SW8270C(SW3545)						Analyst: **MT**
Phenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Bis(2-chloroethyl)ether	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2-Chlorophenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
1,3-Dichlorobenzene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
1,4-Dichlorobenzene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
1,2-Dichlorobenzene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2-Methylphenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Bis(2-chloroisopropyl)ether	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
4-Methylphenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
N-Nitrosodi-n-propylamine	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Hexachloroethane	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Nitrobenzene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Isophorone	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2-Nitrophenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *12-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
PO#:

Client Sample ID: TP-AOI-1/Area F
Collection Date: 12/5/2005
Lab Sample ID: 051205025-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3545)						Analyst: **MT**
2,4-Dimethylphenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Bis(2-chloroethoxy)methane	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2,4-Dichlorophenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
1,2,4-Trichlorobenzene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Naphthalene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
4-Chloroaniline	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Hexachlorobutadiene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
4-Chloro-3-methylphenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2-Methylnaphthalene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Hexachlorocyclopentadiene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2,4,6-Trichlorophenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2,4,5-Trichlorophenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2-Chloronaphthalene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2-Nitroaniline	< 2000	2000		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Dimethyl phthalate	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Acenaphthylene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2,6-Dinitrotoluene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
3-Nitroaniline	< 2000	2000		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Acenaphthene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2,4-Dinitrophenol	< 2000	2000		µg/Kg-dry	1	12/9/2005 12:49:00 AM
4-Nitrophenol	< 2000	2000		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Dibenzofuran	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
2,4-Dinitrotoluene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Diethyl phthalate	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
4-Chlorophenyl phenyl ether	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Fluorene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
4-Nitroaniline	< 2000	2000		µg/Kg-dry	1	12/9/2005 12:49:00 AM
4,6-Dinitro-2-methylphenol	< 2000	2000		µg/Kg-dry	1	12/9/2005 12:49:00 AM
N-Nitrosodiphenylamine	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
4-Bromophenyl phenyl ether	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Hexachlorobenzene	< 2000	2000		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Pentachlorophenol	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Phenanthrene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Anthracene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Carbazole	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Di-n-butyl phthalate	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Fluoranthene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Pyrene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Butyl benzyl phthalate	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *12-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
PO#:

Client Sample ID: TP-AOI-1/Area F
Collection Date: 12/5/2005
Lab Sample ID: 051205025-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS SW8270C(SW3545)						Analyst: **MT**
3,3'-Dichlorobenzidine	< 760	760		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Benz(a)anthracene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Chrysene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Bis(2-ethylhexyl)phthalate	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Di-n-octyl phthalate	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Benzo(b)fluoranthene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Benzo(k)fluoranthene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Benzo(a)pyrene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Indeno(1,2,3-cd)pyrene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Dibenz(a,h)anthracene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
Benzo(g,h,i)perylene	< 380	380		µg/Kg-dry	1	12/9/2005 12:49:00 AM
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 11	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Bromomethane	< 11	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Vinyl chloride	< 11	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Chloroethane	< 11	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Methylene chloride	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Acetone	< 11	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Carbon disulfide	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,1-Dichloroethene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,1-Dichloroethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
trans-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
cis-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Chloroform	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,2-Dichloroethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
2-Butanone	190	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,1,1-Trichloroethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Carbon tetrachloride	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Bromodichloromethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,2-Dichloropropane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
cis-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Trichloroethene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Dibromochloromethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,1,2-Trichloroethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Benzene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
trans-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Bromoform	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
4-Methyl-2-pentanone	< 11	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM
2-Hexanone	< 11	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *12-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
PO#:

Client Sample ID: TP-AOI-1/Area F
Collection Date: 12/5/2005
Lab Sample ID: 051205025-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Tetrachloroethene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,1,2,2-Tetrachloroethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Toluene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Chlorobenzene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Ethylbenzene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Styrene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
m,p-Xylene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
o-Xylene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Methyl tert-butyl ether	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Dichlorodifluoromethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Methyl Acetate	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Trichlorofluoromethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Cyclohexane	< 11	11		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Methyl Cyclohexane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,2-Dibromoethane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,3-Dichlorobenzene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
Isopropylbenzene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,4-Dichlorobenzene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,2-Dichlorobenzene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,2-Dibromo-3-chloropropane	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
1,2,4-Trichlorobenzene	< 6	6		µg/Kg-dry	1	12/6/2005 3:56:00 PM
FLASH POINT ASTM_D93-02A						Analyst: **PL**
Flash Point	> 200	60		°F	1	12/6/2005
PAINT FILTER SW9095						Analyst: **PL**
Free Liquid	Negative	0			1	12/6/2005
PH SW9045B						Analyst: **NB**
pH	7.4	1.0		pH Units	1	12/8/2005
MOISURE CONTENT D2216						Analyst: **NB**
Percent Moisture	13	1.0		wt%	1	12/8/2005
CYANIDE, REACTIVE SW7.3.3.2(E335.3)						Analyst: **RC**
Reactive Cyanide	< 1.0	1.0		µg/g	1	12/8/2005
REACTIVE SULFIDE SW7.3.4.2						Analyst: **RC**
Reactive Sulfide	< 10	10		µg/g	1	12/9/2005
REACTIVITY SW846 7.3.3						Analyst: **RC**
Reactivity	Non Reactive	0			1	12/9/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
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Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: Shaw Environmental	Address: Findlay OH		
Send Report To: Gary Gallello	Project Name (Location)	Samplers: (Names) Anthony Pernetta	
Client Phone No: 419-425 6080	Client Fax No:	PO Number:	Samplers: (Signature)

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	TP-A01-1 (Area F [redacted])	12/5/05	14:30 P			✓	4	PCB/Pest/Herb 8260, 8270, FLASHPT, pH Filter Reactive CN, sulfide pH, metals + Hg [redacted]
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					
			A / P					

AES Work Order #: 051205025	CC Report To / Special Instructions/Remarks:	
Turnaround Time Request: ☐ 1 Day ☐ 3 Day ☐ Normal ☐ 2 Day ☒ 5 Day		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time 12/5/05
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time 12/5/05 4:40

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled 9°C	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack
Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed as irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

Adirondack Environmental Services, Inc

Date: 06-Jan-06

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
Test No: SW8081A **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	CL10BZ2	XYL2456CLM						
051205025-001A	111	89.5						
LCS-10020	90.5	61.8						
MB-10020	98.5	59.2						

Acronym		Surrogate	QC Limits
CL10BZ2	=	Decachlorobiphenyl	49.6-137
XYL2456CLM	=	Tetrachloro-m-xylene	44.7-148

*** Surrogate recovery outside acceptance limits**

Adirondack Environmental Services, Inc

Date: 06-Jan-06

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
Test No: SW8082 **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	CL10BZ2							
051205025-001A	111							
MB-10020	96.2							

Acronym		Surrogate	QC Limits
CL10BZ2	=	Decachlorobiphenyl	48 1-152

*** Surrogate recovery outside acceptance limits**

Adirondack Environmental Services, Inc

Date: 06-Jan-06

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
Test No: SW8270C **Matrix:** S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14		
051205012-006A MS	67.1				75.9	80.2		
051205012-006A MSD	85.5				93.9	91.3		
051205025-001A	88.2	169 *	53.9	70.3	111	125		

Acronym		Surrogate	QC Limits
NO2BZD5	=	Nitrobenzene-d5	25.8-119
PH246BR	=	2,4,6-Tribromophenol	19.1-99.1
PH2F	=	2-Fluorophenol	25.6-96.3
PHD5	=	Phenol-d5	18.4-101
PHEN2F	=	2-Fluorobiphenyl	52.1-126
PHEND14	=	4-Terphenyl-d14	49.5-137

*** Surrogate recovery outside acceptance limits**

Adirondack Environmental Services, Inc

Date: 06-Jan-06

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
Test No: SW8151A **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	DCPAA							
051205025-001A	98.0							
MB-R29926	71.0							

Acronym		Surrogate	QC Limits
DCPAA	=	2,4 Dichlorophenyl acetic acid	62.2-145

*** Surrogate recovery outside acceptance limits**

Adirondack Environmental Services, Inc

Date: 06-Jan-06

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot
Test No: SW8260B **Matrix:** S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DCA12D4					
051205025-001A	95.9	97.8	92.0					
lcs020	99.7	102	100					
vblk	104	110	102					

Acronym		Surrogate	QC Limits
BR4FBZ	=	4-Bromofluorobenzene	71 4-134
BZMED8	=	Toluene-d8	80-131
DCA12D4	=	1,2-Dichloroethane-d4	72-138

*** Surrogate recovery outside acceptance limits**

Adirondack Environmental Services, Inc

Date: *06-Jan-06*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: E8081S

Sample ID	MB-10020	SampType:	MBLK	TestCode:	E8081S	Units:	µg/Kg	Prep Date:	12/6/2005	Run ID:	GC/ECD-B/C_051207A
Client ID:	ZZZZZ	Batch ID:	10020	TestNo:	SW8081A	(SW3545)		Analysis Date:	12/7/2005	SeqNo:	323012

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	<	3.3									
4,4'-DDE	<	3.3									
4,4'-DDT	<	3.3									
Aldrin	<	1.7									
alpha-BHC	<	1.7									
alpha-Chlordane	<	1.7									
beta-BHC	<	1.7									
delta-BHC	<	1.7									
Dieldrin	<	3.3									
Endosulfan I	<	1.7									
Endosulfan II	<	3.3									
Endosulfan sulfate	<	3.3									
Endrin	<	3.3									
Endrin aldehyde	<	3.3									
Endrin ketone	<	3.3									
gamma-BHC	<	1.7									
gamma-Chlordane	<	1.7									
Heptachlor	<	1.7									
Heptachlor epoxide	<	1.7									
Methoxychlor	<	17									
Toxaphene	<	170									
Chlordane	<	170									
Surr: Decachlorobiphenyl	39.4	0	40	0	98.5	49.6	137	0	0		
Surr: Tetrachloro-m-xylene	23.7	0	40	0	59.2	44.7	148	0	0		

Sample ID	LCS-10020	SampType:	LCS	TestCode:	E8081S	Units:	µg/Kg	Prep Date:	12/6/2005	Run ID:	GC/ECD-B/C_051207A
Client ID:	ZZZZZ	Batch ID:	10020	TestNo:	SW8081A	(SW3545)		Analysis Date:	12/7/2005	SeqNo:	323014

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	39.3	3.3	50	0	78.6	23.3	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: E8081S

Sample ID	LCS-10020	SampType:	LCS	TestCode:	E8081S	Units:	µg/Kg	Prep Date:	12/6/2005	Run ID:	GC/ECD-B/C_051207A
Client ID:	ZZZZZ	Batch ID:	10020	TestNo:	SW8081A		(SW3545)	Analysis Date:	12/7/2005	SeqNo:	323014

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDE	41.1	3.3	50	0	82.2	59.8	131	0	0		
4,4'-DDT	40.7	3.3	50	0	81.4	32.4	146	0	0		
Aldrin	38.2	1.7	50	0	76.4	68.1	119	0	0		
alpha-BHC	33.9	1.7	50	0	67.8	62.3	104	0	0		
alpha-Chlordane	36.3	1.7	50	0	72.6	22.5	139	0	0		
beta-BHC	37.5	1.7	50	0	75	47.4	154	0	0		
delta-BHC	20.9	1.7	50	0	41.8	22.1	95.4	0	0		
Dieldrin	39.6	3.3	50	0	79.2	74.4	124	0	0		
Endosulfan I	39.9	1.7	50	0	79.8	82.1	134	0	0		S
Endosulfan II	43.2	3.3	50	0	86.4	77.9	148	0	0		
Endosulfan sulfate	36.9	3.3	50	0	73.8	39.8	124	0	0		
Endrin	39.7	3.3	50	0	79.4	68.1	130	0	0		
Endrin aldehyde	43.2	3.3	50	0	86.4	86.7	120	0	0		S
Endrin ketone	49.7	3.3	50	0	99.4	85.8	129	0	0		
gamma-BHC	35.8	1.7	50	0	71.6	50.9	112	0	0		
gamma-Chlordane	39.8	1.7	50	0	79.6	79.1	106	0	0		
Heptachlor	34.9	1.7	50	0	69.8	56.4	110	0	0		
Heptachlor epoxide	38.6	1.7	50	0	77.2	75	109	0	0		
Methoxychlor	45.7	17	50	0	91.4	59.5	134	0	0		
Toxaphene	<	170	50	0	0	60	140	0	0		S
Chlordane	<	170	50	0	0	60	140	0	0		S
Surr: Decachlorobiphenyl	36.2	0	40	0	90.5	49.6	137	0	0		
Surr: Tetrachloro-m-xylene	24.7	0	40	0	61.8	44.7	148	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: E8082S

Sample ID	MB-10020	SampType:	MBLK	TestCode:	e8082S	Units:	µg/Kg	Prep Date:	12/6/2005	Run ID:	GC/ECD-F/G_051208B
Client ID:	ZZZZZ	Batch ID:	10020	TestNo:	SW8082		(SW3545)	Analysis Date:	12/6/2005	SeqNo:	322244

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	<	33									
Aroclor 1221	<	33									
Aroclor 1232	<	33									
Aroclor 1242	<	33									
Aroclor 1248	<	33									
Aroclor 1254	<	33									
Aroclor 1260	<	33									
Surr: Decachlorobiphenyl	34.4	0	40	0	86	48.1	152	0	0		

Sample ID	MB-10020	SampType:	MBLK	TestCode:	E8082S	Units:	µg/Kg	Prep Date:	12/6/2005	Run ID:	GC/ECD-B/C_051207A
Client ID:	ZZZZZ	Batch ID:	10020	TestNo:	SW8082		(SW3545)	Analysis Date:	12/7/2005	SeqNo:	323015

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	<	33									
Aroclor 1221	<	33									
Aroclor 1232	<	33									
Aroclor 1242	<	33									
Aroclor 1248	<	33									
Aroclor 1254	<	33									
Aroclor 1260	<	33									
Surr: Decachlorobiphenyl	38.5	0	40	0	96.2	48.1	152	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

BatchID: 10020

MBLK SeqNo: 322244 | Prep: (SW3545) | TestNo: SW8082 | Run ID: GC/ECD-F/G_051206B
Samp ID MB-10020 | PrepDate/Batch 12/6/2005 10020 | Units: µg/Kg | Analysis Date: 12/6/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	<	33									
Surr: Decachlorobiphenyl	34.4	0	40	0	86	48.1	152	0	0		

MBLK SeqNo: 323015 | Prep: (SW3545) | TestNo: SW8082 | Run ID: GC/ECD-B/C_051207A
Samp ID MB-10020 | PrepDate/Batch 12/6/2005 10020 | Units: µg/Kg | Analysis Date: 12/7/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	<	33									
Aroclor 1221	<	33									
Aroclor 1232	<	33									
Aroclor 1242	<	33									
Aroclor 1248	<	33									
Aroclor 1254	<	33									
Aroclor 1260	<	33									
Surr: Decachlorobiphenyl	38.5	0	40	0	96.2	48.1	152	0	0		

LCS SeqNo: 333229 | Prep: (SW3545) | TestNo: SW8082 | Run ID: GC/ECD-A_051209A
Samp ID LCS-10020 | PrepDate/Batch 12/6/2005 10020 | Units: µg/Kg | Analysis Date: 12/10/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	550.7	33	500	0	110	57.8	150	0	0		
Aroclor 1260	480.9	33	500	0	96.2	52.2	150	0	0		
Surr: Decachlorobiphenyl	120	0	100	0	120	48.1	152	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Adirondack Environmental Services, Inc

Date: *12-Jan-06*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

BatchID: 10031

MBLK SeqNo: 333112
Samp ID MB-10031

Prep: (SW3545)
PrepDate/Batch 12/7/2005 10031

TestNo: SW8270C
Units: µg/Kg

Run ID: GCMS-B_051222A
Analysis Date: 12/22/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	<	330									
Bis(2-chloroethyl)ether	<	330									
2-Chlorophenol	<	330									
1,3-Dichlorobenzene	<	330									
1,4-Dichlorobenzene	<	330									
1,2-Dichlorobenzene	<	330									
2-Methylphenol	<	330									
Bis(2-chloroisopropyl)ether	<	330									
4-Methylphenol	<	330									
N-Nitrosodi-n-propylamine	<	330									
Hexachloroethane	<	330									
Nitrobenzene	<	330									
Isophorone	<	330									
2-Nitrophenol	<	330									
2,4-Dimethylphenol	<	330									
Bis(2-chloroethoxy)methane	<	330									
2,4-Dichlorophenol	<	330									
1,2,4-Trichlorobenzene	<	330									
Naphthalene	<	330									
4-Chloroaniline	<	330									
Hexachlorobutadiene	<	330									
4-Chloro-3-methylphenol	<	330									
2-Methylnaphthalene	<	330									
Hexachlorocyclopentadiene	<	330									
2,4,6-Trichlorophenol	<	330									
2,4,5-Trichlorophenol	<	330									
2-Chloronaphthalene	<	330									
2-Nitroaniline	<	1700									
Dimethyl phthalate	<	330									
Acenaphthylene	<	330									
2,6-Dinitrotoluene	<	330									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

BatchID: 10031

MBLK SeqNo: 333112 | Prep: (SW3545) | TestNo: SW8270C | Run ID: GCMS-B_051222A
Samp ID MB-10031 | PrepDate/Batch 12/7/2005 10031 | Units: µg/Kg | Analysis Date: 12/22/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Nitroaniline	<	1700									
Acenaphthene	<	330									
2,4-Dinitrophenol	<	1700									
4-Nitrophenol	<	1700									
Dibenzofuran	<	330									
2,4-Dinitrotoluene	<	330									
Diethyl phthalate	<	330									
4-Chlorophenyl phenyl ether	<	330									
Fluorene	<	330									
4-Nitroaniline	<	1700									
4,6-Dinitro-2-methylphenol	<	1700									
N-Nitrosodiphenylamine	<	330									
4-Bromophenyl phenyl ether	<	330									
Hexachlorobenzene	<	1700									
Pentachlorophenol	<	330									
Phenanthrene	<	330									
Anthracene	<	330									
Carbazole	<	330									
Di-n-butyl phthalate	<	330									
Fluoranthene	<	330									
Pyrene	<	330									
Butyl benzyl phthalate	<	330									
3,3'-Dichlorobenzidine	<	660									
Benz(a)anthracene	<	330									
Chrysene	<	330									
Bis(2-ethylhexyl)phthalate	<	330									
Di-n-octyl phthalate	<	330									
Benzo(b)fluoranthene	<	330									
Benzo(k)fluoranthene	<	330									
Benzo(a)pyrene	<	330									
Indeno(1,2,3-cd)pyrene	<	330									
Dibenz(a,h)anthracene	<	330									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

BatchID: 10031

MBLK SeqNo: 333112 | Prep: (SW3545) | TestNo: SW8270C | Run ID: GCMS-B_051222A
Samp ID MB-10031 | PrepDate/Batch 12/7/2005 10031 | Units: µg/Kg | Analysis Date: 12/22/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	<	330									
Surr: 2,4,6-Tribromophenol	2653	330	3333	0	79.6	19.1	99.1	0	0		
Surr: 2-Fluorobiphenyl	1612	330	1667	0	96.7	52.1	126	0	0		
Surr: 2-Fluorophenol	1071	330	3333	0	32.1	25.6	96.3	0	0		
Surr: 4-Terphenyl-d14	1386	330	1667	0	83.1	49.5	137	0	0		
Surr: Nitrobenzene-d5	1227	330	1667	0	73.6	25.8	119	0	0		
Surr: Phenol-d5	1691	330	3333	0	50.7	18.4	101	0	0		

LCS SeqNo: 332921 | Prep: (SW3545) | TestNo: SW8270C | Run ID: GCMS-B_051219A
Samp ID LCS-10031 | PrepDate/Batch 12/7/2005 10031 | Units: µg/Kg | Analysis Date: 12/19/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1305	330	1667	0	78.3	39.2	107	0	0		
1,4-Dichlorobenzene	1277	330	1667	0	76.6	36.4	108	0	0		
2,4-Dinitrotoluene	1118	330	1667	0	67.1	19.5	123	0	0		
Acenaphthene	1457	330	1667	0	87.4	41.8	121	0	0		
Di-n-butyl phthalate	1659	330	1667	223.7	86.1	30.7	139	0	0		
N-Nitrosodi-n-propylamine	1175	330	1667	221.3	57.2	18.1	120	0	0		
Pyrene	1839	330	1667	0	110	46.3	135	0	0		
Surr: 2-Fluorobiphenyl	1538	330	1667	0	92.3	52.1	126	0	0		
Surr: 4-Terphenyl-d14	1573	330	1667	0	94.3	49.5	137	0	0		
Surr: Nitrobenzene-d5	1103	330	1667	0	66.2	25.8	119	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: e8270s

Sample ID 051205012-006A MS SampType: ms TestCode: e8270s Units: µg/Kg-dry Prep Date: 12/7/2005 Run ID: GCMS-B_051220A
Client ID: ZZZZZ Batch ID: 10031 TestNo: SW8270C (SW3545) Analysis Date: 12/20/2005 SeqNo: 327778

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1328	350	1783	0	74.5	44.1	103	0	0		
1,4-Dichlorobenzene	1212	350	1783	0	68	42.8	98	0	0		
2,4-Dinitrotoluene	1461	350	1783	0	81.9	25	87.4	0	0		
Acenaphthene	1453	350	1783	0	81.5	33.6	125	0	0		
Di-n-butyl phthalate	1584	350	1783	90.2	83.8	45.2	108	0	0		
N-Nitrosodi-n-propylamine	1187	350	1783	0	66.6	32.9	107	0	0		
Pyrene	1815	350	1783	162.2	92.7	26.7	140	0	0		
Surr: 2-Fluorobiphenyl	1354	350	1783	0	75.9	52.1	126	0	0		
Surr: 4-Terphenyl-d14	1430	350	1783	0	80.2	49.5	137	0	0		
Surr: Nitrobenzene-d5	1197	350	1783	0	67.1	25.8	119	0	0		

Sample ID 051205012-006A MS SampType: msd TestCode: e8270s Units: µg/Kg-dry Prep Date: 12/7/2005 Run ID: GCMS-B_051220A
Client ID: ZZZZZ Batch ID: 10031 TestNo: SW8270C (SW3545) Analysis Date: 12/20/2005 SeqNo: 327779

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1630	350	1783	0	91.4	44.1	103	1328	20.4	37.2	
1,4-Dichlorobenzene	1446	350	1783	0	81.1	42.8	98	1212	17.7	33.7	
2,4-Dinitrotoluene	1809	350	1783	0	101	25	87.4	1461	21.3	46.5	S
Acenaphthene	1687	350	1783	0	94.6	33.6	125	1453	14.9	35.9	
Di-n-butyl phthalate	1647	350	1783	90.2	87.3	45.2	108	1584	3.91	39.5	
N-Nitrosodi-n-propylamine	1439	350	1783	0	80.7	32.9	107	1187	19.2	36.7	
Pyrene	1945	350	1783	162.2	100	26.7	140	1815	6.90	38.7	
Surr: 2-Fluorobiphenyl	1674	350	1783	0	93.9	52.1	126	0	0	0	
Surr: 4-Terphenyl-d14	1629	350	1783	0	91.3	49.5	137	0	0	0	
Surr: Nitrobenzene-d5	1525	350	1783	0	85.5	25.8	119	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8151_HERB

Sample ID	MB-R29926	SampType:	MBLK	TestCode:	EPA_8151_H	Units:	µg/Kg	Prep Date:		Run ID:	GC-VAR2_051207A
Client ID:	ZZZZZ	Batch ID:	R29926	TestNo:	SW8151A			Analysis Date:	12/7/2005	SeqNo:	323515

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-D	<	200									
Dicamba	<	200									
Dinoseb	<	200									
2,4,5-T	<	200									
2,4,5-TP (Silvex)	<	200									
Surr: 2,4 Dichlorophenyl acetic acid	71	0	100	0	71	62.2	145	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

BatchID: R29926

MBLK SeqNo: 323515 | Prep: | TestNo: SW8151A | Run ID: GC-VAR2_051207A
Samp ID MB-R29926 | PrepDate/Batch | Units: µg/Kg | Analysis Date: 12/7/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-D	<	200									
Dicamba	<	200									
Dinoseb	<	200									
2,4,5-T	<	200									
2,4,5-TP (Silvex)	<	200									
Surr: 2,4 Dichlorophenyl acetic acid	71	0	100	0	71	62.2	145	0	0		

LCS SeqNo: 332987 | Prep: | TestNo: SW8151A | Run ID: GC-VAR2_051207A
Samp ID LCS-R29926 | PrepDate/Batch | Units: µg/Kg | Analysis Date: 12/7/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	1040	200	1000	0	104	80.3	119	0	0		
2,4,5-TP (Silvex)	1050	200	1000	0	105	82.9	116	0	0		
2,4-D	1060	200	1000	0	106	70.2	131	0	0		
Surr: 2,4 Dichlorophenyl acetic acid	740	0	1000	0	74	62.2	145	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

Sample ID vblk | SampType: MBLK | TestCode: EPA_8260_S | Units: µg/Kg | Prep Date: | Run ID: GCMS-C_051206A
Client ID: ZZZZZ | Batch ID: GCMS-C_051 | TestNo: SW8260B | Analysis Date: 12/6/2005 | SeqNo: 322280

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<	5.0									
1,1,2,2-Tetrachloroethane	<	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	<	5.0									
1,1,2-Trichloroethane	<	5.0									
1,1-Dichloroethane	<	5.0									
1,1-Dichloroethene	<	5.0									
1,2,4-Trichlorobenzene	<	5.0									
1,2-Dibromo-3-chloropropane	<	5.0									
1,2-Dibromoethane	<	5.0									
1,2-Dichlorobenzene	<	5.0									
1,2-Dichloroethane	<	5.0									
1,2-Dichloropropane	<	5.0									
1,3-Dichlorobenzene	<	5.0									
1,4-Dichlorobenzene	<	5.0									
2-Butanone	<	10									
2-Hexanone	<	10									
4-Methyl-2-pentanone	<	10									
Acetone	<	10									
Benzene	<	5.0									
Bromodichloromethane	<	5.0									
Bromoform	<	5.0									
Bromomethane	<	10									
Carbon disulfide	<	5.0									
Carbon tetrachloride	<	5.0									
Chlorobenzene	<	5.0									
Chloroethane	<	10									
Chloroform	<	5.0									
Chloromethane	<	10									
cis-1,2-Dichloroethene	<	5.0									
cis-1,3-Dichloropropene	<	5.0									
Cyclohexane	<	10									

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

Sample ID vblk | SampType: MBLK | TestCode: EPA_8260_S | Units: µg/Kg | Prep Date: | Run ID: GCMS-C_051206A
Client ID: ZZZZZ | Batch ID: GCMS-C_051 | TestNo: SW8260B | Analysis Date: 12/6/2005 | SeqNo: 322280

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	<	5.0									
Dichlorodifluoromethane	<	5.0									
Ethylbenzene	<	5.0									
Isopropylbenzene	<	5.0									
m,p-Xylene	<	5.0									
Methyl Acetate	<	5.0									
Methyl Cyclohexane	<	5.0									
Methyl tert-butyl ether	<	5.0									
Methylene chloride	<	5.0									
o-Xylene	<	5.0									
Styrene	<	5.0									
Tetrachloroethene	<	5.0									
Toluene	<	5.0									
trans-1,2-Dichloroethene	<	5.0									
trans-1,3-Dichloropropene	<	5.0									
Trichloroethene	<	5.0									
Trichlorofluoromethane	<	5.0									
Vinyl chloride	<	10									
Surr: 1,2-Dichloroethane-d4	51.23	5.0	50	0	102	72	138	0	0		
Surr: 4-Bromofluorobenzene	51.75	5.0	50	0	104	71.4	134	0	0		
Surr: Toluene-d8	54.9	5.0	50	0	110	80	131	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_SOIL

LFB SeqNo: 322313	Prep:		TestNo: SW8260B	Run ID: GCMS-C_051206A
Samp ID lcs020	PrepDate/Batch	GCMS-C_051206A	Units: µg/Kg	Analysis Date: 12/6/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	18.14	5.0	20	0	90.7	63.8	128	0	0		
trans-1,3-Dichloropropene	19.74	5.0	20	0	98.7	58.3	131	0	0		
Trichloroethene	19.35	5.0	20	0	96.8	62.2	142	0	0		
Trichlorofluoromethane	22.45	5.0	20	0	112	53.7	152	0	0		
Vinyl chloride	18.41	10	20	0	92	21.7	181	0	0		
Surr: 1,2-Dichloroethane-d4	50.05	5.0	50	0	100	71	121	0	0		
Surr: 4-Bromofluorobenzene	49.83	5.0	50	0	99.7	90	114	0	0		
Surr: Toluene-d8	51.13	5.0	50	0	102	83	112	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: FLASH POINT

Sample ID LCS-R29782 SampType: LCS TestCode: FLASH POIN Units: °F Prep Date: Run ID: FLASHPOINT_051205A
Client ID: ZZZZZ Batch ID: R29782 TestNo: ASTM_D93-0 Analysis Date: 12/5/2005 SeqNo: 321798

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Flash Point	130	60.0	127	0	102	97	103	0	0		

Sample ID 051202030-001F D SampType: DUP TestCode: FLASH POIN Units: °F Prep Date: Run ID: FLASHPOINT_051205A
Client ID: ZZZZZ Batch ID: R29782 TestNo: ASTM_D93-0 Analysis Date: 12/5/2005 SeqNo: 321806

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Flash Point	> 200	60.0	0	0	0	0	0	200	0	10.2	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID	MB-10026	SampType:	MBLK	TestCode:	ICP METALS	Units:	µg/g	Prep Date:	12/8/2005	Run ID:	ICP-3_051209A
Client ID:	ZZZZZ	Batch ID:	10026	TestNo:	SW6010B		(SW3050A)	Analysis Date:	12/9/2005	SeqNo:	323607

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									
Barium	<	0.500									
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	176.7	25.0									
Chromium	<	0.250									
Cobalt	<	2.50									
Copper	0.2605	0.250									
Iron	<	2.50									
Lead	0.8745	0.250									
Magnesium	35.48	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	50.74	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	0.787	0.500									

Sample ID	MB	SampType:	MBLK	TestCode:	ICP METALS	Units:	µg/g	Prep Date:		Run ID:	ICP-3_051214A
Client ID:	ZZZZZ	Batch ID:	10026	TestNo:	SW6010B		(SW3050A)	Analysis Date:	12/14/2005	SeqNo:	325638

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									
Barium	<	0.500									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID MB	SampType: MBLK	TestCode: ICP METALS	Units: µg/g	Prep Date:	Run ID: ICP-3_051214A
Client ID: ZZZZZ	Batch ID: 10026	TestNo: SW6010B	(SW3050A)	Analysis Date: 12/14/2005	SeqNo: 325638

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	<	25.0									
Chromium	<	0.250									
Cobalt	<	2.50									
Copper	<	0.250									
Iron	<	2.50									
Lead	<	0.250									
Magnesium	<	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	<	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	<	0.500									

Sample ID LCS-10026	SampType: LCS	TestCode: ICP METALS	Units: µg/g	Prep Date: 12/8/2005	Run ID: ICP-3_051209A
Client ID: ZZZZZ	Batch ID: 10026	TestNo: SW6010B	(SW3050A)	Analysis Date: 12/9/2005	SeqNo: 323608

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5626	10.0	7640	1.994	73.6	80	120	0	0		S
Antimony	<	6.00	84.5	0	1.31	80	120	0	0		S
Arsenic	84.24	0.500	95.9	0	87.8	80	120	0	0		
Barium	149.3	1.00	157	0.452	94.8	80	120	0	0		
Beryllium	50.28	0.500	50.5	0.0025	99.6	80	120	0	0		
Cadmium	59.22	0.500	54.6	0.0025	108	80	120	0	0		
Calcium	4044	50.0	3800	176.7	102	80	120	0	0		B
Chromium	66.03	0.500	68.8	0.1965	95.7	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS-10026 | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: 12/8/2005 | Run ID: ICP-3_051209A
Client ID: ZZZZZ | Batch ID: 10026 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/9/2005 | SeqNo: 323608

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cobalt	78.09	5.00	77.5	0	101	80	120	0	0		
Copper	88.53	0.500	83.8	0.2605	105	80	120	0	0		
Iron	6459	5.00	12100	1.026	53.4	80	120	0	0		S
Lead	127.1	0.500	121	0.8745	104	80	120	0	0		B
Magnesium	2398	50.0	2720	35.48	86.8	80	120	0	0		
Manganese	441.8	1.00	469	0.088	94.2	80	120	0	0		
Nickel	52.65	5.00	54.5	0.019	96.6	80	120	0	0		
Potassium	1977	50.0	2190	2.664	90.2	80	120	0	0		
Selenium	80.24	0.500	102	0.004	78.7	80	120	0	0		S
Silver	70.3	2.00	106	0.277	66.1	80	120	0	0		S
Sodium	365.1	50.0	248	50.74	127	80	120	0	0		BS
Thallium	183.9	1.00	182	0	101	80	120	0	0		
Vanadium	108.2	5.00	118	0	91.7	80	120	0	0		
Zinc	235.6	1.00	243	0.787	96.6	80	120	0	0		

Sample ID LCS | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-3_051214A
Client ID: ZZZZZ | Batch ID: 10026 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/14/2005 | SeqNo: 325639

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5523	5.00	7640	1.29	72.3	80	120	0	0		S
Antimony	6.527	3.00	84.5	0	7.72	80	120	0	0		S
Arsenic	85.61	0.250	95.9	0	89.3	80	120	0	0		
Barium	149.2	0.500	157	0.0045	95	80	120	0	0		
Beryllium	48.92	0.250	50.5	0.0025	96.9	80	120	0	0		
Cadmium	59.19	0.250	54.6	0.0065	108	80	120	0	0		
Calcium	3895	25.0	3800	0	103	80	120	0	0		
Chromium	65.81	0.250	68.8	0	95.7	80	120	0	0		
Cobalt	79.09	2.50	77.5	0	102	80	120	0	0		
Copper	86.85	0.250	83.8	0	104	80	120	0	0		
Iron	6542	2.50	12100	0	54.1	80	120	0	0		S
Lead	129.7	0.250	121	0.033	107	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-3_051214A
Client ID: ZZZZZ | Batch ID: 10026 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/14/2005 | SeqNo: 325639

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	2380	25.0	2720	1.097	87.4	80	120	0	0		
Manganese	442.8	0.500	469	0	94.4	80	120	0	0		
Nickel	53.12	2.50	54.5	0	97.5	80	120	0	0		
Potassium	1896	25.0	2190	0	86.6	80	120	0	0		
Selenium	94.67	0.250	102	0	92.8	80	120	0	0		
Silver	82.01	1.00	106	0.054	77.3	80	120	0	0		S
Sodium	362.2	25.0	248	0	146	80	120	0	0		S
Thallium	207.5	0.500	182	0	114	80	120	0	0		
Vanadium	110.9	2.50	118	0	94	80	120	0	0		
Zinc	232	0.500	243	0	95.5	80	120	0	0		

Sample ID 051205025-001AMS | SampType: MS | TestCode: ICP METALS | Units: µg/g-dry | Prep Date: 12/8/2005 | Run ID: ICP-3_051209A
Client ID: TP-AOI-1/Area F | Batch ID: 10026 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/9/2005 | SeqNo: 323611

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8713	5.75	114.9	8565	129	75	125	0	0		S
Antimony	28.33	3.45	28.74	0	98.6	75	125	0	0		
Arsenic	<	0.287	2.299	0	0	75	125	0	0		S
Barium	156.3	0.575	114.9	45.93	96	75	125	0	0		
Beryllium	3.167	0.287	2.874	0.4115	95.9	75	125	0	0		
Cadmium	2.941	0.287	2.874	0.06149	100	75	125	0	0		
Chromium	26.29	0.287	11.49	13.69	110	75	125	0	0		
Cobalt	35.4	2.87	28.74	8.505	93.6	75	125	0	0		
Copper	42.26	0.287	14.37	26.29	111	75	125	0	0		
Iron	14190	2.87	57.47	14400	-358	75	125	0	0		S
Lead	11.5	0.287	1.149	10.54	83.6	75	125	0	0		B
Manganese	323.2	0.575	28.74	305.7	61.1	75	125	0	0		S
Nickel	45.47	2.87	28.74	19.82	89.2	75	125	0	0		
Selenium	<	0.287	0.5747	0	0	75	125	0	0		S
Silver	<	1.15	2.874	0	0	75	125	0	0		S
Thallium	<	0.575	2.874	0	1.12	75	125	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051205025-001AMS SampType: MS TestCode: ICP METALS Units: µg/g-dry Prep Date: 12/8/2005 Run ID: ICP-3_051209A
Client ID: TP-AOI-1/Area F Batch ID: 10026 TestNo: SW6010B (SW3050A) Analysis Date: 12/9/2005 SeqNo: 323611

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium	47.89	2.87	28.74	15.48	113	75	125	0	0		
Zinc	84.93	0.575	28.74	58	93.7	75	125	0	0		B

Sample ID 051206021-001A MS SampType: MS TestCode: ICP METALS Units: µg/g-dry Prep Date: 12/8/2005 Run ID: ICP-3_051214A
Client ID: ZZZZZ Batch ID: 10026 TestNo: SW6010B (SW3050A) Analysis Date: 12/14/2005 SeqNo: 325642

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	23090	100	40	21220	4670	75	125	0	0		S
Antimony	448.3	60.0	10	0	4480	75	125	0	0		S
Arsenic	18.73	5.00	0.8	0	2340	75	125	0	0		S
Barium	2098	10.0	40	168.5	4820	75	125	0	0		S
Beryllium	47.68	5.00	1	0	4770	75	125	0	0		S
Cadmium	48.47	5.00	1	0.55	4790	75	125	0	0		S
Chromium	216.5	5.00	4	25.09	4780	75	125	0	0		S
Cobalt	498.4	50.0	10	0	4980	75	125	0	0		S
Copper	330.9	5.00	5	80.59	5010	75	125	0	0		S
Iron	12390	50.0	20	12000	1960	75	125	0	0		S
Lead	17.96	5.00	0.4	0	4490	75	125	0	0		S
Manganese	1385	10.0	10	994.8	3910	75	125	0	0		S
Nickel	622.8	50.0	10	153.2	4700	75	125	0	0		S
Selenium	25.5	5.00	0.2	11.49	7000	75	125	0	0		S
Silver	46.13	20.0	1	0	4610	75	125	0	0		S
Thallium	14.33	10.0	1	0	1430	75	125	0	0		S
Vanadium	581.3	50.0	10	0	5810	75	125	0	0		S
Zinc	2756	10.0	10	2426	3310	75	125	0	0		S

Sample ID 051205025-001ADP SampType: DUP TestCode: ICP METALS Units: µg/g-dry Prep Date: 12/8/2005 Run ID: ICP-3_051209A
Client ID: ZZZZZ Batch ID: 10026 TestNo: SW6010B Analysis Date: 12/9/2005 SeqNo: 323610

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8440	5.75	0	0	0	0	0	8565	1.47	15.8	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051205025-001ADP SampType: DUP TestCode: ICP METALS Units: µg/g-dry Prep Date: 12/8/2005 Run ID: ICP-3_051209A
Client ID: ZZZZZ Batch ID: 10026 TestNo: SW6010B Analysis Date: 12/9/2005 SeqNo: 323610

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	<	3.45	0	0	0	0	0	0	0	20	
Arsenic	<	0.287	0	0	0	0	0	0	0	5.9	
Barium	45.51	0.575	0	0	0	0	0	45.93	0.910	17.9	
Beryllium	0.4057	0.287	0	0	0	0	0	0.4115	1.41	4.33	
Cadmium	<	0.287	0	0	0	0	0	0.06149	0	11.1	
Calcium	10080	28.7	0	0	0	0	0	10210	1.34	20	B
Chromium	14.19	0.287	0	0	0	0	0	13.69	3.58	20	
Cobalt	8.468	2.87	0	0	0	0	0	8.505	0.440	17.4	
Copper	26.32	0.287	0	0	0	0	0	26.29	0.116	20	
Iron	14140	2.87	0	0	0	0	0	14400	1.82	20	
Lead	10.14	0.287	0	0	0	0	0	10.54	3.84	20	B
Magnesium	6125	28.7	0	0	0	0	0	6183	0.953	20	B
Manganese	305.8	0.575	0	0	0	0	0	305.7	0.0412	20	
Nickel	19.68	2.87	0	0	0	0	0	19.82	0.725	14.6	
Potassium	657.8	28.7	0	0	0	0	0	671.9	2.12	20	
Selenium	<	0.287	0	0	0	0	0	0	0	20	
Silver	<	1.15	0	0	0	0	0	0	0	10.3	
Sodium	138.5	28.7	0	0	0	0	0	140.8	1.67	20	B
Thallium	<	0.575	0	0	0	0	0	0	0	20	
Vanadium	15.38	2.87	0	0	0	0	0	15.48	0.667	16.7	
Zinc	57.17	0.575	0	0	0	0	0	58	1.43	20	B

Sample ID 051206021-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g-dry Prep Date: 12/8/2005 Run ID: ICP-3_051214A
Client ID: ZZZZZ Batch ID: 10026 TestNo: SW6010B Analysis Date: 12/14/2005 SeqNo: 325641

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	20870	100	0	0	0	0	0	21220	1.66	15.8	
Antimony	<	60.0	0	0	0	0	0	0	0	20	
Arsenic	<	5.00	0	0	0	0	0	0	0	5.9	
Barium	166.3	10.0	0	0	0	0	0	168.5	1.29	17.9	
Beryllium	<	5.00	0	0	0	0	0	0	0	4.33	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051206021-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g-dry Prep Date: 12/8/2005 Run ID: ICP-3_051214A
Client ID: ZZZZZ Batch ID: 10026 TestNo: SW6010B Analysis Date: 12/14/2005 SeqNo: 325641

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	<	5.00	0	0	0	0	0	0.55	0	11.1	
Calcium	57490	500	0	0	0	0	0	58320	1.42	20	
Chromium	23.72	5.00	0	0	0	0	0	25.09	5.61	20	
Cobalt	<	50.0	0	0	0	0	0	0	0	17.4	
Copper	74.75	5.00	0	0	0	0	0	80.59	7.52	20	
Iron	11980	50.0	0	0	0	0	0	12000	0.125	20	
Lead	<	5.00	0	0	0	0	0	0	0	20	
Magnesium	4174	500	0	0	0	0	0	4203	0.674	20	
Manganese	976.6	10.0	0	0	0	0	0	994.8	1.84	20	
Nickel	151.3	50.0	0	0	0	0	0	153.2	1.25	14.6	
Potassium	<	500	0	0	0	0	0	252.6	0	20	
Selenium	12.93	5.00	0	0	0	0	0	11.49	11.8	20	
Silver	<	20.0	0	0	0	0	0	0	0	10.3	
Sodium	28060	500	0	0	0	0	0	28440	1.35	20	
Thallium	<	10.0	0	0	0	0	0	0	0	20	
Vanadium	<	50.0	0	0	0	0	0	0	0	16.7	
Zinc	2400	10.0	0	0	0	0	0	2426	1.07	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY_SOIL

Sample ID MB-10027 SampType: MBLK TestCode: MERCURY_S Units: µg/g Prep Date: 12/7/2005 Run ID: HG_051209A
Client ID: ZZZZZ Batch ID: 10027 TestNo: SW7471A (SW7471A) Analysis Date: 12/9/2005 SeqNo: 323684

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200									

Sample ID LCS-10027 SampType: LCS TestCode: MERCURY_S Units: µg/g Prep Date: 12/7/2005 Run ID: HG_051209A
Client ID: ZZZZZ Batch ID: 10027 TestNo: SW7471A (SW7471A) Analysis Date: 12/9/2005 SeqNo: 323685

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	6.2	0.200	5.82	0	107	65.1	134	0	0		

Sample ID 051205025-002A MS SampType: MS TestCode: MERCURY_S Units: µg/g Prep Date: 12/7/2005 Run ID: HG_051209A
Client ID: ZZZZZ Batch ID: 10027 TestNo: SW7471A (SW7471A) Analysis Date: 12/9/2005 SeqNo: 323690

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.076	0.0200	0.1	0.016	60	74.4	123	0	0		S

Sample ID 051205025-002A DP SampType: DUP TestCode: MERCURY_S Units: µg/g Prep Date: 12/7/2005 Run ID: HG_051209A
Client ID: ZZZZZ Batch ID: 10027 TestNo: SW7471A Analysis Date: 12/9/2005 SeqNo: 323689

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200	0	0	0	0	0	0.016	0	8.57	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: PMOIST

Sample ID 051202028-037A DU SampType: DUP TestCode: PMOIST Units: wt% Prep Date: Run ID: PMOIST_051208A
Client ID: ZZZZZ Batch ID: R29953 TestNo: D2216 Analysis Date: 12/8/2005 SeqNo: 323981

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	88.45	1.0	0	0	0	0	0	87.72	0.825	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

BatchID: R29901

MBLK SeqNo: 323783 | Prep: | TestNo: SW7.3.3.2 | Run ID: CN_051208A
Samp ID MB-R29901 | PrepDate/Batch | Units: µg/g | Analysis Date: 12/8/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	<	1.00									

LCS SeqNo: 323784 | Prep: | TestNo: SW7.3.3.2 | Run ID: CN_051208A
Samp ID LCS-R29901 | PrepDate/Batch | Units: µg/g | Analysis Date: 12/8/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	<	1.00	1	0	52.3	29.5	136	0	0		

LCS SeqNo: 323832 | Prep: | TestNo: SW7.3.3.2 | Run ID: CN_051208A
Samp ID LCS-R29901 | PrepDate/Batch | Units: µg/g | Analysis Date: 12/8/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	1.067	1.00	1	0	107	29.5	136	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: REACTIVE CYANIDE

Sample ID 051202028-011A DU SampType: DUP TestCode: REACTIVE C Units: µg/g Prep Date: Run ID: CN_051208A
Client ID: ZZZZZ Batch ID: R29901 TestNo: SW7.3.3.2 Analysis Date: 12/8/2005 SeqNo: 323827

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	<	1.00	0	0	0	0	0	0	0	20	

Sample ID 051202028-012A DU SampType: DUP TestCode: REACTIVE C Units: µg/g Prep Date: Run ID: CN_051208A
Client ID: ZZZZZ Batch ID: R29901 TestNo: SW7.3.3.2 Analysis Date: 12/8/2005 SeqNo: 323829

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	<	1.00	0	0	0	0	0	0	0	20	

Sample ID 051202028-032A DU SampType: DUP TestCode: REACTIVE C Units: µg/g Prep Date: Run ID: CN_051208A
Client ID: ZZZZZ Batch ID: R29901 TestNo: SW7.3.3.2 Analysis Date: 12/8/2005 SeqNo: 323830

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	<	1.00	0	0	0	0	0	0	0	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: REACTIVE SULFIDE

Sample ID MB-R29948 SampType: MBLK TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323839

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	<	10.0									

Sample ID LCS-R29948 SampType: LCS TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323840

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	71.1	10.0	100	0	71.1	20	156	0	0		

Sample ID LCS-R29948 SampType: LCS TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323883

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	751	10.0	790	0	95.1	20	156	0	0		

Sample ID 051202028-011A SP SampType: MS TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323885

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	71.1	10.0	100	0	71.1	0	0	0	0		S

Sample ID 051202028-032A SP SampType: MS TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323888

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	95	10.0	158	0	60.1	0	0	0	0		S

Sample ID 051202028-011A DU SampType: DUP TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323884

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051205025
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: REACTIVE SULFIDE

Sample ID 051202028-011A DU SampType: DUP TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323884

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	<	10.0	0	0	0	0	0	0	0	25	

Sample ID 051202028-012A DU SampType: DUP TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323886

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	<	10.0	0	0	0	0	0	0	0	25	

Sample ID 051202028-032A DU SampType: DUP TestCode: REACTIVE S Units: µg/g Prep Date: Run ID: SULFIDE_051209A
Client ID: ZZZZZ Batch ID: R29948 TestNo: SW7.3.4.2 Analysis Date: 12/9/2005 SeqNo: 323887

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	<	10.0	0	0	0	0	0	0	0	25	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	12/06/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	051206045

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from Adirondack Environmental Services, Inc. Albany, NY. The results are for [1] soil sample collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The sample was analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-B-1-RE 3	12/6/2005	SOIL	METALS – SW-6010B

The sample cooler was hand-delivered to the laboratory and received with ice and at the proper temperature. Chain-of-custody documentation was complete and accurate. The laboratory provided faxed preliminary results within the requested TAT and the final report was also received in a timely manner as was additional QC when requested for review. The following describes the overall QA/QC indicators.

Total Metals Analysis in Soil by SW-3050B/6010B and SW-7471A

The samples were digested and analyzed within the required hold-times. Per the Case Narrative both the ICP and CVAA systems were properly calibrated.

Method Blanks: The method blank results are below reporting limits for all analytes, except Calcium, Magnesium, Sodium and Zinc. The sample results are greater than ten times the blank value for Magnesium and Zinc. No qualification necessary for these analytes. The sample results are less than ten times the blank value for Calcium and Sodium. Results reported for these analytes are considered estimated values.

LCS: The LCS recoveries are within acceptance criteria for the target analytes, except Antimony, Iron and Sodium. Recoveries for Antimony and Iron are below control limits. The result reported for Iron is considered estimated. The result for Antimony (<10% recovery) is rejected. The recovery for Sodium was above the control limit. The result for Sodium is considered an estimated maximum value.

MS/MSD: The reported QC matrix and duplicate samples are non-project related samples. The reported data does not determine the quality of results for this project's sample matrix.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. Several VOC analytes are reported as estimated maximum values. The reported data for all other analyses should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/20/6
Date

Adirondack
Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

December 07, 2005

Guy Gallello
Shaw Environmental & Infrastructure
16406 US Route 224 East
Findlay, OH 45840

TEL: (419) 425-6080
FAX: (419) 425-6085

Work Order No: 051206045
PO#: SEND INVOICE W/REPORT

RE: Schenectady Army Depot
Schtdy Army Depot

Dear Guy Gallello:

Adirondack Environmental Services, Inc received 1 sample on 12/6/2005 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709
AIHA#: 100307

Tara Daniels
Laboratory Manager

Guy Gallello - FAX

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	* - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

LCS: The LCS recoveries are within acceptance criteria for the target analytes.

MS/MSD: Sample EX-F-1 was chosen for MS/MSD analysis. Arsenic recoveries were below acceptance criteria. A post spike recovery for Arsenic was within control limits. The arsenic result for the spiked sample is qualified as estimated. Insufficient addition of spike concentration is the reason for poor recoveries for 10 other metals. A post spike analysis was performed for 5 of the 10 analytes. Zinc recovery was below acceptance criteria, again, due to insufficient addition of spike concentration relative to the sample concentration. The RPD for Zinc was outside the acceptance range. Zinc result for the spiked sample is qualified as estimated. The RPD for Barium was outside acceptance range. Barium results for the spiked sample is qualified as estimated. All other RPD values are within the acceptance range indicating acceptable matrix precision. The MS/MSD recoveries are within acceptance criteria for target analytes.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The reported data should be utilized, without reservation in the intended project decision-making process.

Philip D. Conley Project Chemist

1/20/6
Date

Adirondack Environmental Services, Inc

Date: *07-Dec-05*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot
PO#: SEND INVOICE W/

Client Sample ID: Ex-B-1-RE3
Collection Date: 12/6/2005
Lab Sample ID: 051206045-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS SW6010B(SW3050A)						Analyst: **KH**
Aluminum	14500	5.00		µg/g	1	12/6/2005 4:36:00 PM
Antimony	< 3.00	3.00		µg/g	1	12/6/2005 4:36:00 PM
Arsenic	< 0.25	0.25		µg/g	1	12/6/2005 4:36:00 PM
Barium	22.3	0.50		µg/g	1	12/6/2005 4:36:00 PM
Beryllium	0.60	0.25		µg/g	1	12/6/2005 4:36:00 PM
Cadmium	< 0.25	0.25		µg/g	1	12/6/2005 4:36:00 PM
Calcium	1280	25.0		µg/g	1	12/6/2005 4:36:00 PM
Chromium	21.8	0.25		µg/g	1	12/6/2005 4:36:00 PM
Cobalt	9.83	2.50		µg/g	1	12/6/2005 4:36:00 PM
Copper	35.7	0.25		µg/g	1	12/6/2005 4:36:00 PM
Iron	33200	25.0		µg/g	10	12/6/2005 4:42:00 PM
Lead	18.9	0.25		µg/g	1	12/6/2005 4:36:00 PM
Magnesium	5090	25.0		µg/g	1	12/6/2005 4:36:00 PM
Manganese	331	0.50		µg/g	1	12/6/2005 4:36:00 PM
Nickel	21.5	2.50		µg/g	1	12/6/2005 4:36:00 PM
Potassium	552	25.0		µg/g	1	12/6/2005 4:36:00 PM
Selenium	< 0.25	0.25		µg/g	1	12/6/2005 4:36:00 PM
Silver	< 1.00	1.00		µg/g	1	12/6/2005 4:36:00 PM
Sodium	196	25.0		µg/g	1	12/6/2005 4:36:00 PM
Thallium	< 0.50	0.50		µg/g	1	12/6/2005 4:36:00 PM
Vanadium	23.6	2.50		µg/g	1	12/6/2005 4:36:00 PM
Zinc	65.1	0.50		µg/g	1	12/6/2005 4:36:00 PM
MERCURY SW7471A(SW7471A)						Analyst: **KH**
Mercury	< 0.020	0.020		µg/g	1	12/7/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

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Client Name:	Address:	
SHAW Environmental	Findlay OH	
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**
Guy Gallello	Schldy Army Depot	Anthony Remetta
Client Phone No: / **Client Fax No:**	**PO Number:**	**Samplers: (Signature)**
		[signature]

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	Ex-B-1-RE3	12/6/05	9:45	P	Soil		✓	1	TAL metals + Hg
				A					
				P					
				A					
				P					
				A					
				P					
				A					
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Tarred 12-7-05

AES Work Order #:	CC Report To / Special Instructions/Remarks:
05 1206045	

Turnaround Time Request:
- ☒ 1 Day
- ☐ ~~[illegible]~~
- ☐ Normal
- ☐ 2 Day
- ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature]		12/6/05
Relinquished by: (Signature)	**Received by: (Signature)**	**Date/Time**
Relinquished by: (Signature)	**Received for Laboratory by:**	**Date/Time**
	[signature]	12/6/05 7:15

TEMPERATURE	PROPERLY PRESERVED	RECEIVED WITHIN HOLDING TIMES
Ambient or Chilled 9°	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack
Environmental Services, Inc.
Experience is the solution
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TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed as irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

Adirondack Environmental Services, Inc

Date: *06-Jan-06*

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID MB-10013 SampType: MBLK TestCode: ICP METALS Units: µg/g Prep Date: 12/6/2005 Run ID: ICP-3_051206A
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B (SW3050A) Analysis Date: 12/6/2005 SeqNo: 322270

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									
Barium	<	0.500									
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	176.4	25.0									
Chromium	<	0.250									
Cobalt	<	2.50									
Copper	<	0.250									
Iron	<	2.50									
Lead	<	0.250									
Magnesium	34.58	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	66.19	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	0.5535	0.500									

Sample ID MB-10013 SampType: MBLK TestCode: ICP METALS Units: µg/g Prep Date: 12/6/2005 Run ID: ICP-3_051207A
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B (SW3050A) Analysis Date: 12/7/2005 SeqNo: 322726

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID	MB-10013	SampType:	MBLK	TestCode:	ICP METALS	Units:	µg/g	Prep Date:	12/6/2005	Run ID:	ICP-3_051207A
Client ID:	ZZZZZ	Batch ID:	10013	TestNo:	SW6010B		(SW3050A)	Analysis Date:	12/7/2005	SeqNo:	322726

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	<	0.500									
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	173.5	25.0									
Chromium	<	0.250									
Cobalt	<	2.50									
Copper	0.254	0.250									
Iron	<	2.50									
Lead	<	0.250									
Magnesium	35.96	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	85.05	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	<	0.500									

Sample ID	MBLK	SampType:	MBLK	TestCode:	ICP METALS	Units:	µg/g	Prep Date:		Run ID:	ICP-4_051207B
Client ID:	ZZZZZ	Batch ID:	10013	TestNo:	SW6010B		(SW3050A)	Analysis Date:	12/7/2005	SeqNo:	323424

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	20.0									
Antimony	<	12.0									
Arsenic	<	1.00									
Barium	<	2.00									
Beryllium	<	1.00									
Cadmium	<	1.00									
Calcium	<	100									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID	MBLK	SampType:	MBLK	TestCode:	ICP METALS	Units:	µg/g	Prep Date:		Run ID:	ICP-4_051207B
Client ID:	ZZZZZ	Batch ID:	10013	TestNo:	SW6010B		(SW3050A)	Analysis Date:	12/7/2005	SeqNo:	323424

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	<	1.00									
Cobalt	<	10.0									
Copper	<	1.00									
Iron	<	10.0									
Lead	<	1.00									
Magnesium	<	100									
Manganese	<	2.00									
Nickel	<	10.0									
Potassium	<	100									
Selenium	<	1.00									
Silver	<	4.00									
Sodium	<	100									
Thallium	<	2.00									
Vanadium	<	10.0									
Zinc	<	2.00									

Sample ID	MB-10013	SampType:	MBLK	TestCode:	ICP METALS	Units:	µg/g	Prep Date:	12/6/2005	Run ID:	ICP-4_051212A
Client ID:	ZZZZZ	Batch ID:	10013	TestNo:	SW6010B		(SW3050A)	Analysis Date:	12/12/2005	SeqNo:	324800

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	5.00									
Antimony	<	3.00									
Arsenic	<	0.250									
Barium	<	0.500									
Beryllium	<	0.250									
Cadmium	<	0.250									
Calcium	<	25.0									
Chromium	<	0.250									
Cobalt	<	2.50									
Copper	<	0.250									
Iron	<	2.50									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID	MB-10013	SampType:	MBLK	TestCode:	ICP METALS	Units:	µg/g	Prep Date:	12/6/2005	Run ID:	ICP-4_051212A
Client ID:	ZZZZZ	Batch ID:	10013	TestNo:	SW6010B		(SW3050A)	Analysis Date:	12/12/2005	SeqNo:	324800

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	<	0.250									
Magnesium	<	25.0									
Manganese	<	0.500									
Nickel	<	2.50									
Potassium	<	25.0									
Selenium	<	0.250									
Silver	<	1.00									
Sodium	<	25.0									
Thallium	<	0.500									
Vanadium	<	2.50									
Zinc	<	0.500									

Sample ID	MBLK	SampType:	MBLK	TestCode:	ICP METALS	Units:	µg/g	Prep Date:		Run ID:	ICP-4_051215A
Client ID:	ZZZZZ	Batch ID:	10013	TestNo:	SW6010B		(SW3050A)	Analysis Date:	12/14/2005	SeqNo:	326058

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	20.0									
Antimony	<	12.0									
Arsenic	<	1.00									
Barium	<	2.00									
Beryllium	<	1.00									
Cadmium	<	1.00									
Calcium	<	100									
Chromium	<	1.00									
Cobalt	<	10.0									
Copper	<	1.00									
Iron	<	10.0									
Lead	<	1.00									
Magnesium	<	100									
Manganese	<	2.00									
Nickel	<	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID MBLK | SampType: MBLK | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051215A
Client ID: ZZZZZ | Batch ID: 10013 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/14/2005 | SeqNo: 326058

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Potassium	<	100									
Selenium	<	1.00									
Silver	<	4.00									
Sodium	<	100									
Thallium	<	2.00									
Vanadium	<	10.0									
Zinc	<	2.00									

Sample ID LCS-10013 | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: 12/6/2005 | Run ID: ICP-3_051206A
Client ID: ZZZZZ | Batch ID: 10013 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/6/2005 | SeqNo: 322271

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	6106	10.0	7640	0.5385	79.9	80	120	0	0		S
Antimony	<	6.00	84.5	0.1815	3.02	80	120	0	0		S
Arsenic	90.48	0.500	95.9	0	94.4	80	120	0	0		
Barium	157.2	1.00	157	0.214	100	80	120	0	0		
Beryllium	54.27	0.500	50.5	0.001	107	80	120	0	0		
Cadmium	63.83	0.500	54.6	0.006	117	80	120	0	0		
Calcium	4147	50.0	3800	176.4	104	80	120	0	0		B
Chromium	74.64	0.500	68.8	0.208	108	80	120	0	0		
Cobalt	85.87	5.00	77.5	0.004	111	80	120	0	0		
Copper	97.94	0.500	83.8	0.2375	117	80	120	0	0		
Iron	7141	5.00	12100	1.033	59	80	120	0	0		S
Lead	135.2	0.500	121	0	112	80	120	0	0		
Magnesium	2558	50.0	2720	34.58	92.8	80	120	0	0		
Manganese	477.5	1.00	469	0.1695	102	80	120	0	0		
Nickel	57.52	5.00	54.5	0.0315	105	80	120	0	0		
Potassium	2098	50.0	2190	2.676	95.7	80	120	0	0		
Selenium	87.53	0.500	102	0	85.8	80	120	0	0		
Silver	79.62	2.00	106	0	75.1	80	120	0	0		S
Sodium	381.3	50.0	248	66.19	127	80	120	0	0		BS

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS-10013 SampType: LCS TestCode: ICP METALS Units: µg/g Prep Date: 12/6/2005 Run ID: ICP-3_051206A
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B (SW3050A) Analysis Date: 12/6/2005 SeqNo: 322271

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	195.2	1.00	182	0	107	80	120	0	0		
Vanadium	116.1	5.00	118	0.1485	98.3	80	120	0	0		
Zinc	252.9	1.00	243	0.5535	104	80	120	0	0		

Sample ID LCS-10013 SampType: LCS TestCode: ICP METALS Units: µg/g Prep Date: 12/6/2005 Run ID: ICP-3_051207A
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B (SW3050A) Analysis Date: 12/7/2005 SeqNo: 322727

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	6215	10.0	7640	0.709	81.3	80	120	0	0		
Antimony	<	6.00	84.5	0	2.32	80	120	0	0		S
Arsenic	89.33	0.500	95.9	0	93.2	80	120	0	0		
Barium	157.7	1.00	157	0.2125	100	80	120	0	0		
Beryllium	54.28	0.500	50.5	0	107	80	120	0	0		
Cadmium	64.07	0.500	54.6	0.004	117	80	120	0	0		
Calcium	4078	50.0	3800	173.5	103	80	120	0	0		B
Chromium	76.98	0.500	68.8	0	112	80	120	0	0		
Cobalt	83.61	5.00	77.5	0.0025	108	80	120	0	0		
Copper	98.96	0.500	83.8	0.254	118	80	120	0	0		
Iron	7114	5.00	12100	0.996	58.8	80	120	0	0		S
Lead	136.4	0.500	121	0	113	80	120	0	0		
Magnesium	2625	50.0	2720	35.96	95.2	80	120	0	0		
Manganese	468.4	1.00	469	0.197	99.8	80	120	0	0		
Nickel	57.46	5.00	54.5	0.032	105	80	120	0	0		
Potassium	2144	50.0	2190	2.742	97.8	80	120	0	0		
Selenium	95.2	0.500	102	0.023	93.3	80	120	0	0		
Silver	80.79	2.00	106	0.054	76.2	80	120	0	0		S
Sodium	502.9	50.0	248	85.05	168	80	120	0	0		BS
Thallium	220.4	1.00	182	0	121	80	120	0	0		S
Vanadium	113.4	5.00	118	0	96.1	80	120	0	0		
Zinc	252.3	1.00	243	0.4165	104	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051207B
Client ID: ZZZZZ | Batch ID: 10013 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/7/2005 | SeqNo: 323396

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	7582	20.0	7640	0.709	99.2	80	120	0	0		
Antimony	79.82	12.0	84.5	0	94.5	80	120	0	0		
Arsenic	107.2	1.00	95.9	0	112	80	120	0	0		
Barium	184.5	2.00	157	0.2125	117	80	120	0	0		
Beryllium	57.79	1.00	50.5	0	114	80	120	0	0		
Cadmium	96.51	1.00	54.6	0.004	177	80	120	0	0		S
Calcium	4269	100	3800	173.5	108	80	120	0	0		B
Chromium	184.2	1.00	68.8	0	268	80	120	0	0		S
Cobalt	87.13	10.0	77.5	0.0025	112	80	120	0	0		
Copper	93.97	1.00	83.8	0.254	112	80	120	0	0		
Iron	11570	10.0	12100	0.996	95.6	80	120	0	0		
Lead	138.9	1.00	121	0	115	80	120	0	0		
Magnesium	2899	100	2720	35.96	105	80	120	0	0		
Manganese	505.1	2.00	469	0.197	108	80	120	0	0		
Nickel	166.1	10.0	54.5	0.032	305	80	120	0	0		S
Potassium	2389	100	2190	2.742	109	80	120	0	0		
Selenium	79.69	1.00	102	0.023	78.1	80	120	0	0		S
Silver	36.28	4.00	106	0.054	34.2	80	120	0	0		S
Sodium	285.6	100	248	85.05	80.9	80	120	0	0		
Thallium	210	2.00	182	0	115	80	120	0	0		
Vanadium	124.8	10.0	118	0	106	80	120	0	0		
Zinc	275	2.00	243	0.4165	113	80	120	0	0		

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: 12/6/2005 | Run ID: ICP-4_051212A
Client ID: ZZZZZ | Batch ID: 10013 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/12/2005 | SeqNo: 324590

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5349	5.00	7640	0.1805	70	80	120	0	0		S
Antimony	<	3.00	84.5	0	0	80	120	0	0		S
Arsenic	88.28	0.250	95.9	0	92.1	80	120	0	0		
Barium	149.9	0.500	157	0	95.5	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: 12/6/2005 | Run ID: ICP-4_051212A
Client ID: ZZZZZ | Batch ID: 10013 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/12/2005 | SeqNo: 324590

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	52.41	0.250	50.5	0	104	80	120	0	0		
Cadmium	56	0.250	54.6	0	103	80	120	0	0		
Calcium	3941	25.0	3800	0.1395	104	80	120	0	0		B
Chromium	70.41	0.250	68.8	0.1385	102	80	120	0	0		
Cobalt	76.3	2.50	77.5	0	98.5	80	120	0	0		
Copper	82.21	0.250	83.8	0	98.1	80	120	0	0		
Iron	6475	2.50	12100	0	53.5	80	120	0	0		S
Lead	116.8	0.250	121	0	96.6	80	120	0	0		
Magnesium	2369	25.0	2720	0	87.1	80	120	0	0		B
Manganese	413	0.500	469	0.0005	88.1	80	120	0	0		
Nickel	34.99	2.50	54.5	0.0135	64.2	80	120	0	0		S
Potassium	1890	25.0	2190	0.1325	86.3	80	120	0	0		
Selenium	77.4	0.250	102	0	75.9	80	120	0	0		S
Silver	71.7	1.00	106	0	67.6	80	120	0	0		S
Sodium	368.5	25.0	248	4.778	147	80	120	0	0		BS
Thallium	180.3	0.500	182	0.022	99	80	120	0	0		
Vanadium	94.23	2.50	118	0.0955	79.8	80	120	0	0		S
Zinc	236.6	0.500	243	0	97.4	80	120	0	0		B

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051215A
Client ID: ZZZZZ | Batch ID: 10013 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/14/2005 | SeqNo: 326059

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5659	20.0	7640	0	74.1	80	120	0	0		S
Antimony	<	12.0	84.5	3.536	-4.18	80	120	0	0		S
Arsenic	90.1	1.00	95.9	0.252	93.7	80	120	0	0		
Barium	148.5	2.00	157	0.028	94.6	80	120	0	0		
Beryllium	51.15	1.00	50.5	0.008	101	80	120	0	0		
Cadmium	57.17	1.00	54.6	0	105	80	120	0	0		
Calcium	3707	100	3800	0.626	97.5	80	120	0	0		B
Chromium	68.48	1.00	68.8	0.068	99.4	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID LCS-S | SampType: LCS | TestCode: ICP METALS | Units: µg/g | Prep Date: | Run ID: ICP-4_051215A
Client ID: ZZZZZ | Batch ID: 10013 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/14/2005 | SeqNo: 326059

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cobalt	78.52	10.0	77.5	0	101	80	120	0	0		
Copper	84.34	1.00	83.8	0.548	100	80	120	0	0		
Iron	6905	10.0	12100	0.592	57.1	80	120	0	0		S
Lead	117.6	1.00	121	0.104	97.1	80	120	0	0		
Magnesium	2438	100	2720	0	89.6	80	120	0	0		
Manganese	452.8	2.00	469	0	96.6	80	120	0	0		
Nickel	28.56	10.0	54.5	0.008	52.4	80	120	0	0		S
Potassium	1870	100	2190	0	85.4	80	120	0	0		
Selenium	78.43	1.00	102	0.158	76.7	80	120	0	0		S
Silver	6.476	4.00	106	0.252	5.87	80	120	0	0		S
Sodium	215.3	100	248	0	86.8	80	120	0	0		
Thallium	196.3	2.00	182	0	108	80	120	0	0		
Vanadium	90.88	10.0	118	0.352	76.7	80	120	0	0		S
Zinc	254.6	2.00	243	0	105	80	120	0	0		

Sample ID 051201007-001AMS | SampType: MS | TestCode: ICP METALS | Units: µg/g | Prep Date: 12/6/2005 | Run ID: ICP-3_051207A
Client ID: ZZZZZ | Batch ID: 10013 | TestNo: SW6010B (SW3050A) | Analysis Date: 12/7/2005 | SeqNo: 322730

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4724	5.00	100	3244	1480	75	125	0	0		S
Antimony	5.725	3.00	25	0	22.9	75	125	0	0		S
Arsenic	<	0.250	2	0	0	75	125	0	0		S
Barium	136.5	0.500	100	28.78	108	75	125	0	0		
Beryllium	2.629	0.250	2.5	0.1935	97.4	75	125	0	0		
Cadmium	2.03	0.250	2.5	0	81.2	75	125	0	0		
Chromium	13.78	0.250	10	2.598	112	75	125	0	0		
Cobalt	25.68	2.50	25	1.462	96.9	75	125	0	0		
Copper	18.93	0.250	12.5	6.224	102	75	125	0	0		B
Iron	9780	2.50	50	7928	3700	75	125	0	0		S
Lead	<	0.250	1	0.262	-26.2	75	125	0	0		S
Manganese	46.72	0.500	25	19.12	110	75	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051201007-001AMS SampType: MS TestCode: ICP METALS Units: µg/g Prep Date: 12/6/2005 Run ID: ICP-3_051207A
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B (SW3050A) Analysis Date: 12/7/2005 SeqNo: 322730

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	26.48	2.50	25	2.782	94.8	75	125	0	0		
Selenium	<	0.250	0.5	0	0	75	125	0	0		S
Silver	<	1.00	2.5	0	5.76	75	125	0	0		S
Thallium	<	0.500	2.5	0	0	75	125	0	0		S
Vanadium	36.81	2.50	25	7.247	118	75	125	0	0		
Zinc	28.12	0.500	25	3.844	97.1	75	125	0	0		

Sample ID 051202028-021A MS SampType: MS TestCode: ICP METALS Units: µg/g Prep Date: 12/5/2005 Run ID: ICP-4_051207B
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B (SW3050A) Analysis Date: 12/7/2005 SeqNo: 323370

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	377.9	20.0	400	5.862	93	75	125	0	0		
Antimony	117.2	12.0	100	2.968	114	75	125	0	0		
Arsenic	6.536	1.00	8	0.232	78.8	75	125	0	0		
Barium	409.1	2.00	400	0.78	102	75	125	0	0		
Beryllium	10.08	1.00	10	0.024	101	75	125	0	0		
Cadmium	24.91	1.00	10	17.05	78.6	75	125	0	0		
Chromium	61.04	1.00	40	93.75	-81.8	75	125	0	0		S
Cobalt	96.78	10.0	100	0	96.8	75	125	0	0		
Copper	53.53	1.00	50	2.254	103	75	125	0	0		
Iron	331	10.0	200	517.7	-93.4	75	125	0	0		S
Lead	4.318	1.00	4	1.292	75.6	75	125	0	0		
Manganese	105	2.00	100	4.546	100	75	125	0	0		
Nickel	97.68	10.0	100	0	97.7	75	125	0	0		
Selenium	3.384	1.00	2	0.524	143	75	125	0	0		S
Silver	8.358	4.00	10	0.756	76	75	125	0	0		
Thallium	6.45	2.00	10	0	64.5	75	125	0	0		S
Vanadium	100.5	10.0	100	0	101	75	125	0	0		
Zinc	1185	2.00	100	1285	-99.8	75	125	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051201007-001ADP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: 12/6/2005 Run ID: ICP-3_051207A
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B Analysis Date: 12/7/2005 SeqNo: 322729

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4233	5.00	0	0	0	0	0	3244	26.4	15.8	R
Antimony	<	3.00	0	0	0	0	0	0	0	20	
Arsenic	<	0.250	0	0	0	0	0	0	0	5.9	
Barium	45.99	0.500	0	0	0	0	0	28.78	46.0	17.9	R
Beryllium	<	0.250	0	0	0	0	0	0.1935	0	4.33	
Cadmium	<	0.250	0	0	0	0	0	0	0	11.1	
Calcium	3952	25.0	0	0	0	0	0	2974	28.3	20	BR
Chromium	3.6	0.250	0	0	0	0	0	2.598	32.3	20	R
Cobalt	<	2.50	0	0	0	0	0	1.462	0	17.4	
Copper	6.758	0.250	0	0	0	0	0	6.224	8.21	20	B
Iron	9486	2.50	0	0	0	0	0	7928	17.9	20	
Lead	0.585	0.250	0	0	0	0	0	0.262	76.3	20	R
Magnesium	498.8	25.0	0	0	0	0	0	271.7	59.0	20	BR
Manganese	25.54	0.500	0	0	0	0	0	19.12	28.8	20	R
Nickel	3.511	2.50	0	0	0	0	0	2.782	23.2	14.6	R
Potassium	287	25.0	0	0	0	0	0	190.5	40.4	20	R
Selenium	<	0.250	0	0	0	0	0	0	0	20	
Silver	<	1.00	0	0	0	0	0	0	0	10.3	
Sodium	259.4	25.0	0	0	0	0	0	220.4	16.3	20	B
Thallium	<	0.500	0	0	0	0	0	0	0	20	
Vanadium	9.363	2.50	0	0	0	0	0	7.247	25.5	16.7	R
Zinc	4.467	0.500	0	0	0	0	0	3.844	15.0	20	

Sample ID 051202028-021A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: 12/5/2005 Run ID: ICP-4_051207B
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B Analysis Date: 12/7/2005 SeqNo: 323369

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	20.0	0	0	0	0	0	5.862	0	15.8	
Antimony	<	12.0	0	0	0	0	0	2.968	0	20	
Arsenic	<	1.00	0	0	0	0	0	0.232	0	5.9	
Barium	<	2.00	0	0	0	0	0	0.78	0	17.9	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051202028-021A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: 12/5/2005 Run ID: ICP-4_051207B
Client ID: ZZZZZ Batch ID: 10013 TestNo: SW6010B Analysis Date: 12/7/2005 SeqNo: 323369

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	<	1.00	0	0	0	0	0	0.024	0	4.33	
Cadmium	17	1.00	0	0	0	0	0	17.05	0.294	11.1	
Calcium	103.6	100	0	0	0	0	0	104.7	1.04	20	B
Chromium	93.06	1.00	0	0	0	0	0	93.75	0.741	20	
Cobalt	<	10.0	0	0	0	0	0	0	0	17.4	
Copper	2.12	1.00	0	0	0	0	0	2.254	6.13	20	
Iron	513.1	10.0	0	0	0	0	0	517.7	0.889	20	
Lead	1.764	1.00	0	0	0	0	0	1.292	30.9	20	R
Magnesium	<	100	0	0	0	0	0	25.59	0	20	
Manganese	4.518	2.00	0	0	0	0	0	4.546	0.618	20	
Nickel	<	10.0	0	0	0	0	0	0	0	14.6	
Potassium	8372	100	0	0	0	0	0	8476	1.23	20	
Selenium	<	1.00	0	0	0	0	0	0.524	0	20	
Silver	<	4.00	0	0	0	0	0	0.756	0	10.3	
Sodium	466.1	100	0	0	0	0	0	471.9	1.24	20	
Thallium	<	2.00	0	0	0	0	0	0	0	20	
Vanadium	<	10.0	0	0	0	0	0	0	0	16.7	
Zinc	1270	2.00	0	0	0	0	0	1285	1.16	20	

Sample ID 051209033-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051215A
Client ID: ZZZZZ Batch ID: 10080 TestNo: SW6010B Analysis Date: 12/14/2005 SeqNo: 326062

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	<	20.0	0	0	0	0	0	0	0	15.8	
Antimony	416.6	12.0	0	0	0	0	0	425.5	2.12	20	
Arsenic	6.942	1.00	0	0	0	0	0	6.628	4.63	5.9	
Barium	<	2.00	0	0	0	0	0	0	0	17.9	
Beryllium	<	1.00	0	0	0	0	0	0.056	0	4.33	
Boron	77.67	10.0	0	0	0	0	0	77.82	0.183	5.92	
Cadmium	85.2	1.00	0	0	0	0	0	85.19	0.0141	11.1	
Calcium	<	100	0	0	0	0	0	55.33	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP METALS SOIL

Sample ID 051209033-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051215A
Client ID: ZZZZZ Batch ID: 10080 TestNo: SW6010B Analysis Date: 12/14/2005 SeqNo: 326062

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cobalt	<	10.0	0	0	0	0	0	0	0	17.4	
Copper	2.614	1.00	0	0	0	0	0	3.112	17.4	20	
Iron	177.5	10.0	0	0	0	0	0	177.2	0.173	20	
Lead	<	1.00	0	0	0	0	0	0	0	20	
Lithium	<	100	0	0	0	0	0	33.44	0	20	
Magnesium	<	100	0	0	0	0	0	27.04	0	20	
Manganese	<	2.00	0	0	0	0	0	0	0	20	
Molybdenum	7.478	2.00	0	0	0	0	0	7.782	3.98	12.4	
Nickel	<	10.0	0	0	0	0	0	6.796	0	14.6	
Potassium	132.9	100	0	0	0	0	0	133.2	0.260	20	
Selenium	6.22	1.00	0	0	0	0	0	6.156	1.03	20	
Silver	5.516	4.00	0	0	0	0	0	5.04	9.02	10.3	
Sodium	7826	100	0	0	0	0	0	7797	0.375	20	
Strontium	<	10.0	0	0	0	0	0	0	0	20	
Thallium	4.804	2.00	0	0	0	0	0	5.084	5.66	20	
Tin	<	10.0	0	0	0	0	0	0	0	17.1	
Titanium	<	10.0	0	0	0	0	0	0	0	16.7	
Vanadium	<	10.0	0	0	0	0	0	0	0	16.7	
Zirconium	<	10.0	0	0	0	0	0	2.666	0	10.4	

Sample ID 051209033-001A DP SampType: DUP TestCode: ICP METALS Units: µg/g Prep Date: Run ID: ICP-4_051215A
Client ID: ZZZZZ Batch ID: 10080 TestNo: SW6010B Analysis Date: 12/14/2005 SeqNo: 326065

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	7422	10.0	0	0	0	0	0	7490	0.912	20	
Zinc	2643	20.0	0	0	0	0	0	2661	0.664	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Shaw Environmental & Infrastructure
Work Order: 051206045
Project: Schenectady Army Depot

ANALYTICAL QC SUMMARY REPORT

TestCode: MERCURY_SOIL

Sample ID MB-10027 | SampType: MBLK | TestCode: MERCURY_S | Units: µg/g | Prep Date: 12/7/2005 | Run ID: HG_051209A
Client ID: ZZZZZ | Batch ID: 10027 | TestNo: SW7471A (SW7471A) | Analysis Date: 12/9/2005 | SeqNo: 323684

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200									

Sample ID LCS-10027 | SampType: LCS | TestCode: MERCURY_S | Units: µg/g | Prep Date: 12/7/2005 | Run ID: HG_051209A
Client ID: ZZZZZ | Batch ID: 10027 | TestNo: SW7471A (SW7471A) | Analysis Date: 12/9/2005 | SeqNo: 323685

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	6.2	0.200	5.82	0	107	65.1	134	0	0		

Sample ID 051205025-002A MS | SampType: MS | TestCode: MERCURY_S | Units: µg/g | Prep Date: 12/7/2005 | Run ID: HG_051209A
Client ID: ZZZZZ | Batch ID: 10027 | TestNo: SW7471A (SW7471A) | Analysis Date: 12/9/2005 | SeqNo: 323690

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.076	0.0200	0.1	0.016	60	74.4	123	0	0		S

Sample ID 051205025-002A DP | SampType: DUP | TestCode: MERCURY_S | Units: µg/g | Prep Date: 12/7/2005 | Run ID: HG_051209A
Client ID: ZZZZZ | Batch ID: 10027 | TestNo: SW7471A | Analysis Date: 12/9/2005 | SeqNo: 323689

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	<	0.0200	0	0	0	0	0	0.016	0	8.57	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	09/24/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-509111

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [14] soil samples collected at the Former Schnectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-F-1, EX-F-2, EX-F-3, EX-F-4, EX-F-5, EX-F-6, EX-F-7, EX-F-8, EX-F-9, EX-F-10, EX-F-11, EX-F-12, EX-F-13, and EX-F-DUP	09/23/2005 (all)	SOIL	VOC – SW-8260B SVOC – SW-8270C PCB – SW-8082 HERB – SW-8151A PEST – SW-8081A METALS – SW-6010B

All sample analyses were performed within the required holding times. All samples were received at the laboratory intact. There were 3 coolers submitted with chain-of-custody forms and were received each having a temperature of 2°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

Volatile Analysis in Soil by SW-5035A/8260B

The laboratory placed all submitted samples on ice within the required 48-hours of sample collection. All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes with the exception of the LCS duplicate analyzed 9/24/05 on GC MS-S which yielded Acetone recovery result above the upper advisory limit, and LCS/LCS duplicate analyzed 10/01/05 on GC MS-S which yielded Acetone recovery

result below the lower advisory limit and 11 analytes above the laboratory upper recovery limit, however, the recoveries are within project defined objectives.

Alternate Source Calibration: The ASCs were within the acceptable percent difference for the target analytes.

Continuing Calibration: The continuing calibrations were within the acceptable percent difference for the target analytes with the exception of Acetone at 92 percent. The response was nearly double. Results for Acetone will be qualified as estimated for the associated samples.

ISTD: The ISTD areas were outside the acceptance criteria when compared to the Initial Calibration areas for all but one sample. All samples were re-analyzed. Re-analysis confirms matrix interferences present in the sample as the ISTD areas were similar to the first analysis and visual review the chromatograms explicitly shows matrix interferences. All results are considered estimated values.

Surrogates: Several surrogates were outside acceptance criteria. As indicated above, matrix interference was confirmed by re-analysis. Al results are considered estimated values.

Semi-Volatile Analysis in Soil by SW-3550B/8270C

All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within project acceptance criteria for the target analytes. There were two analytes, 4-Nitroaniline and 4-Methylphenol, with recoveries slightly above laboratory limits. These recoveries are within project defined limits. Additionally, these analytes were not detected in the associated samples. No qualification of data is necessary.

MS/MSD: The MS/MSD recoveries are within laboratory acceptance criteria for target analytes with the exception of 4-Methylphenol. The recoveries are within project defined limits. No qualification necessary. This is indicative of acceptable method accuracy and matrix precision.

ISTD: Sample EX-F-4 contained perylene-d12 that was below the lower acceptance limit. Chromatograph evidence exists that suggests sample matrix effect. The sample was diluted and re-analyzed with acceptable ISTD counts and retention times for all ISTD. No qualification of data necessary.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Herbicide Analysis in Soil by SW8151A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Pesticide Analysis in Soil by SW8081A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries were slightly above laboratory limits for some compounds. There were three analytes detected in the samples the MS/MSD recoveries for these analytes were within project objectives. No qualification necessary.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Total Metals Analysis in Soil by SW-3050B/6010B and SW-7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. All instrument interference check samples were within control limits. The initial and continuing calibration check samples were within control limits. The initial calibration blank results were below reporting limits. Few analytes were detected in the continuing calibration verification samples. These results were less than 10 times the associated samples results. No qualification necessary.

Method Blanks: The method blank results are below reporting limits for most analytes. The method blank contained trace amounts of Barium, Calcium, Copper, Magnesium, Manganese and Potassium. All sample results are greater than 10 times the method blank results. No qualification necessary.

Analytical Report For 509111

for

Shaw E&I, Inc

Project Manager : Guy Gallello

Project Name : SAD-AOC2

October 12, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-044-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	87	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-045-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	88	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-046-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	73	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-047-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	86	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-048-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	89	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-049-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	84	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-050-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	85	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-051-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	89	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-052-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	82	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-053-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	83	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-054-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	82	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-055-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	84	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-056-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	85	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-057-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 09/24/2005
Time Analyzed: 14:00
Analysis Batch: 80359

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	84	1.0	%		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-086-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 19:24
Analysis Batch: 80473

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sodium	144	224	mg/kg	J	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-086-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 19:24
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	14400	17.9	mg/kg		1
Antimony	0.45	1.8	mg/kg	JN	1
Arsenic	7.4	1.8	mg/kg	NE	1
Beryllium	0.77	.18	mg/kg		1
Cadmium	0.63	.54	mg/kg		1
Calcium	5690	89.6	mg/kg		1
Chromium	27.1	.45	mg/kg		1
Copper	38.4	.9	mg/kg		1
Iron	43700	13.4	mg/kg		1
Lead	33.1	.9	mg/kg		1
Magnesium	4640	22.4	mg/kg		1
Manganese	234	.45	mg/kg	N	1
Nickel	34.8	.9	mg/kg		1
Potassium	1640	22.4	mg/kg	N	1
Selenium	0.81	1.8	mg/kg	J	1
Silver	BQL	.45	mg/kg	U	1
Thallium	BQL	2.7	mg/kg	U	1
Vanadium	26.3	.9	mg/kg	N	1
Zinc	328	1.8	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-086-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/28/2005
Time Analyzed: 19:41
Analysis Batch: 80515

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Barium	719	2.2	mg/kg	*D	5
Cobalt	10.9	2.2	mg/kg	D	5

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-087-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 20:24
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15700	18.5	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	6.7	1.8	mg/kg	NE	1
Barium	170	.46	mg/kg	*	1
Beryllium	0.87	.18	mg/kg		1
Cadmium	0.44	.55	mg/kg	J	1
Calcium	17100	92.3	mg/kg		1
Chromium	19.3	.46	mg/kg		1
Cobalt	9.9	.46	mg/kg		1
Copper	28.9	.92	mg/kg		1
Iron	27400	13.8	mg/kg		1
Lead	15.2	.92	mg/kg		1
Magnesium	4870	23.1	mg/kg		1
Manganese	284	.46	mg/kg	N	1
Nickel	25.1	.92	mg/kg		1
Potassium	1640	23.1	mg/kg	N	1
Selenium	0.30	1.8	mg/kg	J	1
Silver	BQL	.46	mg/kg	U	1
Thallium	BQL	2.8	mg/kg	U	1
Vanadium	29.1	.92	mg/kg	N	1
Zinc	86.1	1.8	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-088-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 20:32
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	20200	20.7	mg/kg		1
Antimony	BQL	2.1	mg/kg	UN	1
Arsenic	3.5	2.1	mg/kg	NE	1
Barium	232	.52	mg/kg	*	1
Beryllium	0.78	.21	mg/kg		1
Cadmium	0.36	.62	mg/kg	J	1
Calcium	2530	104	mg/kg		1
Chromium	18.8	.52	mg/kg		1
Cobalt	6.6	.52	mg/kg		1
Copper	17.9	1	mg/kg		1
Iron	15900	15.5	mg/kg		1
Lead	16.5	1	mg/kg		1
Magnesium	3400	25.9	mg/kg		1
Manganese	135	.52	mg/kg	N	1
Nickel	16.9	1	mg/kg		1
Potassium	1370	25.9	mg/kg	N	1
Selenium	0.55	2.1	mg/kg	J	1
Silver	BQL	.52	mg/kg	U	1
Thallium	BQL	3.1	mg/kg	U	1
Vanadium	30.7	1	mg/kg	N	1
Zinc	103	2.1	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-089-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 20:41
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	14200	16.2	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	4.5	1.6	mg/kg	NE	1
Beryllium	0.67	.16	mg/kg		1
Cadmium	0.64	.49	mg/kg		1
Calcium	5780	81.1	mg/kg		1
Chromium	16.5	.41	mg/kg		1
Copper	25.5	.81	mg/kg		1
Iron	21100	12.2	mg/kg		1
Lead	38.2	.81	mg/kg		1
Magnesium	4480	20.3	mg/kg		1
Manganese	260	.41	mg/kg	N	1
Nickel	21.5	.81	mg/kg		1
Potassium	1630	20.3	mg/kg	N	1
Selenium	0.64	1.6	mg/kg	J	1
Silver	BQL	.41	mg/kg	U	1
Thallium	BQL	2.4	mg/kg	U	1
Vanadium	23.5	.81	mg/kg	N	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-089-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/28/2005
Time Analyzed: 21:07
Analysis Batch: 80474

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sodium	BQL	4060	mg/kg	UD	20

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-089-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/28/2005
Time Analyzed: 21:07
Analysis Batch: 80515

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Barium	7180	8.1	mg/kg	*D	20
Cobalt	8.0	8.1	mg/kg	JD	20
Zinc	7710	32.5	mg/kg	N*ED	20

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-090-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/28/2005
Time Analyzed: 21:16
Analysis Batch: 80474

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sodium	BQL	4150	mg/kg	UD	20

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-090-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/28/2005
Time Analyzed: 21:16
Analysis Batch: 80515

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Barium	6460	8.3	mg/kg	*D	20
Cobalt	8.0	8.3	mg/kg	JD	20
Zinc	12300	33.2	mg/kg	N*ED	20

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-090-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 21:32
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	13000	16.6	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	4.0	1.7	mg/kg	NE	1
Beryllium	0.62	.17	mg/kg		1
Cadmium	0.85	.5	mg/kg		1
Calcium	3610	83	mg/kg		1
Chromium	15.4	.42	mg/kg		1
Copper	22.6	.83	mg/kg		1
Iron	18500	12.5	mg/kg		1
Lead	54.6	.83	mg/kg		1
Magnesium	3500	20.8	mg/kg		1
Manganese	187	.42	mg/kg	N	1
Nickel	19.2	.83	mg/kg		1
Potassium	1490	20.8	mg/kg	N	1
Selenium	0.66	1.7	mg/kg	J	1
Silver	BQL	.42	mg/kg	U	1
Thallium	0.31	2.5	mg/kg	J	1
Vanadium	22.7	.83	mg/kg	N	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-091-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/28/2005
Time Analyzed: 21:24
Analysis Batch: 80515

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Barium	2320	2.2	mg/kg	*D	5
Cobalt	4.4	2.2	mg/kg	D	5

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-091-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 21:41
Analysis Batch: 80473

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sodium	155	222	mg/kg	J	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-091-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 21:41
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	21200	17.7	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	3.1	1.8	mg/kg	NE	1
Beryllium	0.64	.18	mg/kg		1
Cadmium	0.40	.53	mg/kg	J	1
Calcium	2210	88.7	mg/kg		1
Chromium	18.5	.44	mg/kg		1
Copper	11.9	.89	mg/kg		1
Iron	18200	13.3	mg/kg		1
Lead	18.0	.89	mg/kg		1
Magnesium	2730	22.2	mg/kg		1
Manganese	115	.44	mg/kg	N	1
Nickel	13.7	.89	mg/kg		1
Potassium	1200	22.2	mg/kg	N	1
Selenium	0.41	1.8	mg/kg	J	1
Silver	BQL	.44	mg/kg	U	1
Thallium	BQL	2.7	mg/kg	U	1
Vanadium	29.8	.89	mg/kg	N	1
Zinc	598	1.8	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-092-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 21:49
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15800	17.7	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	6.3	1.8	mg/kg	NE	1
Barium	179	.44	mg/kg	*	1
Beryllium	0.84	.18	mg/kg		1
Cadmium	0.49	.53	mg/kg	J	1
Calcium	3300	88.6	mg/kg		1
Chromium	18.9	.44	mg/kg		1
Cobalt	10.0	.44	mg/kg		1
Copper	24.0	.89	mg/kg		1
Iron	27200	13.3	mg/kg		1
Lead	16.3	.89	mg/kg		1
Magnesium	4480	22.2	mg/kg		1
Manganese	225	.44	mg/kg	N	1
Nickel	24.4	.89	mg/kg		1
Potassium	1500	22.2	mg/kg	N	1
Selenium	0.46	1.8	mg/kg	J	1
Silver	BQL	.44	mg/kg	U	1
Thallium	0.35	2.7	mg/kg	J	1
Vanadium	29.4	.89	mg/kg	N	1
Zinc	107	1.8	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-093-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 21:58
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	14800	15.6	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	6.2	1.6	mg/kg	NE	1
Barium	67.3	.39	mg/kg	*	1
Beryllium	0.80	.16	mg/kg		1
Cadmium	0.52	.47	mg/kg		1
Calcium	4190	77.9	mg/kg		1
Chromium	18.9	.39	mg/kg		1
Cobalt	13.0	.39	mg/kg		1
Copper	26.3	.78	mg/kg		1
Iron	27500	11.7	mg/kg		1
Lead	16.1	.78	mg/kg		1
Magnesium	4910	19.5	mg/kg		1
Manganese	459	.39	mg/kg	N	1
Nickel	25.6	.78	mg/kg		1
Potassium	1540	19.5	mg/kg	N	1
Selenium	0.70	1.6	mg/kg	J	1
Silver	BQL	.39	mg/kg	U	1
Thallium	BQL	2.3	mg/kg	U	1
Vanadium	29.4	.78	mg/kg	N	1
Zinc	74.5	1.6	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-094-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 22:06
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	19200	18.4	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	6.3	1.8	mg/kg	NE	1
Barium	102	.46	mg/kg	*	1
Beryllium	0.80	.18	mg/kg		1
Cadmium	0.35	.55	mg/kg	J	1
Calcium	1940	92.1	mg/kg		1
Chromium	22.9	.46	mg/kg		1
Cobalt	5.2	.46	mg/kg		1
Copper	13.8	.92	mg/kg		1
Iron	24200	13.8	mg/kg		1
Lead	10.4	.92	mg/kg		1
Magnesium	3750	23	mg/kg		1
Manganese	93.6	.46	mg/kg	N	1
Nickel	15.6	.92	mg/kg		1
Potassium	1490	23	mg/kg	N	1
Selenium	0.36	1.8	mg/kg	J	1
Silver	BQL	.46	mg/kg	U	1
Thallium	BQL	2.8	mg/kg	U	1
Vanadium	34.1	.92	mg/kg	N	1
Zinc	47.0	1.8	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-095-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 22:15
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	16300	16.2	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	3.6	1.6	mg/kg	NE	1
Barium	72.9	.41	mg/kg	*	1
Beryllium	0.68	.16	mg/kg		1
Cadmium	0.55	.49	mg/kg		1
Calcium	3420	81	mg/kg		1
Chromium	18.3	.41	mg/kg		1
Cobalt	6.5	.41	mg/kg		1
Copper	20.2	.81	mg/kg		1
Iron	19100	12.2	mg/kg		1
Lead	21.0	.81	mg/kg		1
Magnesium	3710	20.3	mg/kg		1
Manganese	202	.41	mg/kg	N	1
Nickel	17.9	.81	mg/kg		1
Potassium	1430	20.3	mg/kg	N	1
Selenium	0.47	1.6	mg/kg	J	1
Silver	BQL	.41	mg/kg	U	1
Thallium	BQL	2.4	mg/kg	U	1
Vanadium	27.4	.81	mg/kg	N	1
Zinc	80.0	1.6	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-096-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 22:23
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	17100	15.6	mg/kg		1
Antimony	0.40	1.6	mg/kg	JN	1
Arsenic	5.2	1.6	mg/kg	NE	1
Barium	189	.39	mg/kg	*	1
Beryllium	0.80	.16	mg/kg		1
Cadmium	0.47	.47	mg/kg	J	1
Calcium	2360	77.9	mg/kg		1
Chromium	19.2	.39	mg/kg		1
Cobalt	7.5	.39	mg/kg		1
Copper	21.6	.78	mg/kg		1
Iron	25300	11.7	mg/kg		1
Lead	16.9	.78	mg/kg		1
Magnesium	3470	19.5	mg/kg		1
Manganese	157	.39	mg/kg	N	1
Nickel	20.2	.78	mg/kg		1
Potassium	1290	19.5	mg/kg	N	1
Selenium	0.52	1.6	mg/kg	J	1
Silver	BQL	.39	mg/kg	U	1
Thallium	BQL	2.3	mg/kg	U	1
Vanadium	28.9	.78	mg/kg	N	1
Zinc	94.0	1.6	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-097-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 22:32
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	17800	15	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	4.7	1.5	mg/kg	NE	1
Barium	115	.37	mg/kg	*	1
Beryllium	0.70	.15	mg/kg		1
Cadmium	0.45	.45	mg/kg		1
Calcium	2310	74.9	mg/kg		1
Chromium	18.2	.37	mg/kg		1
Cobalt	5.5	.37	mg/kg		1
Copper	13.7	.75	mg/kg		1
Iron	21100	11.2	mg/kg		1
Lead	17.2	.75	mg/kg		1
Magnesium	3050	18.7	mg/kg		1
Manganese	127	.37	mg/kg	N	1
Nickel	15.7	.75	mg/kg		1
Potassium	1270	18.7	mg/kg	N	1
Selenium	0.57	1.5	mg/kg	J	1
Silver	BQL	.37	mg/kg	U	1
Thallium	BQL	2.2	mg/kg	U	1
Vanadium	29.3	.75	mg/kg	N	1
Zinc	70.2	1.5	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-098-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 22:41
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15000	18.1	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	5.0	1.8	mg/kg	NE	1
Barium	76.6	.45	mg/kg	*	1
Beryllium	0.76	.18	mg/kg		1
Cadmium	0.41	.54	mg/kg	J	1
Calcium	2310	90.3	mg/kg		1
Chromium	18.0	.45	mg/kg		1
Cobalt	6.8	.45	mg/kg		1
Copper	20.7	.9	mg/kg		1
Iron	22400	13.5	mg/kg		1
Lead	12.7	.9	mg/kg		1
Magnesium	3570	22.6	mg/kg		1
Manganese	156	.45	mg/kg	N	1
Nickel	20.4	.9	mg/kg		1
Potassium	1280	22.6	mg/kg	N	1
Selenium	0.63	1.8	mg/kg	J	1
Silver	BQL	.45	mg/kg	U	1
Thallium	BQL	2.7	mg/kg	U	1
Vanadium	26.5	.9	mg/kg	N	1
Zinc	63.2	1.8	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-099-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3050B
Prep Date: 09/26/2005
Prep Time: 00:00
Prep Batch: 77670

Analytical Method: SW6010B
Date Analyzed: 09/27/2005
Time Analyzed: 22:49
Analysis Batch: 80514

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	22400	18.1	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	4.3	1.8	mg/kg	NE	1
Barium	157	.45	mg/kg	*	1
Beryllium	0.62	.18	mg/kg		1
Cadmium	0.52	.54	mg/kg	J	1
Calcium	1800	90.6	mg/kg		1
Chromium	18.8	.45	mg/kg		1
Cobalt	4.3	.45	mg/kg		1
Copper	8.8	.91	mg/kg		1
Iron	35300	13.6	mg/kg		1
Lead	11.3	.91	mg/kg		1
Magnesium	2610	22.6	mg/kg		1
Manganese	108	.45	mg/kg	N	1
Nickel	14.7	.91	mg/kg		1
Potassium	974	22.6	mg/kg	N	1
Selenium	0.86	1.8	mg/kg	J	1
Silver	BQL	.45	mg/kg	U	1
Thallium	BQL	2.7	mg/kg	U	1
Vanadium	35.2	.91	mg/kg	N	1
Zinc	191	1.8	mg/kg	N*E	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-086-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:11
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.029	.035	mg/kg	J	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-087-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:14
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.030	.035	mg/kg	J	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-088-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:16
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.054	.04	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-089-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:18
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.035	.034	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-090-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:21
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.060	.034	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-091-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:23
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.049	.036	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-092-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:25
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.043	.034	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-093-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:28
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.053	.035	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-094-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:35
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.046	.037	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-095-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:37
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.072	.035	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-096-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:43
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.034	.037	mg/kg	J	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-097-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:46
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.037	.036	mg/kg		1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-098-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:48
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.033	.036	mg/kg	J	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-099-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW7471_DIG
Prep Date: 09/28/2005
Prep Time: 09:30
Prep Batch: 77709

Analytical Method: SW7471A
Date Analyzed: 09/28/2005
Time Analyzed: 14:50
Analysis Batch: 80513

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	0.022	.036	mg/kg	J	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-058-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 05:52
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	2.3	1.9	ug/kg		1
4,4-DDE	2.0	1.9	ug/kg	P	1
4,4-DDT	2.6	1.9	ug/kg		1
Aldrin	BQL	1.9	ug/kg	U	1
Alpha-BHC	BQL	1.9	ug/kg	U	1
Beta-BHC	BQL	1.9	ug/kg	U	1
Chlordane	BQL	38	ug/kg	U	1
Delta-BHC	BQL	1.9	ug/kg	U	1
Dieldrin	BQL	1.9	ug/kg	U	1
Endosulfan I	BQL	1.9	ug/kg	U	1
Endosulfan II	BQL	1.9	ug/kg	U	1
Endosulfan Sulfate	BQL	1.9	ug/kg	U	1
Endrin	BQL	1.9	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	1.9	ug/kg	U	1
Heptachlor	BQL	1.9	ug/kg	U	1
Heptachlor Epoxide	BQL	1.9	ug/kg	U	1
Methoxychlor	BQL	1.9	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-059-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 01:56
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	0.83	1.9	ug/kg	JP	1
4,4-DDE	2.1	1.9	ug/kg		1
4,4-DDT	3.1	1.9	ug/kg		1
Aldrin	BQL	1.9	ug/kg	U	1
Alpha-BHC	BQL	1.9	ug/kg	U	1
Beta-BHC	BQL	1.9	ug/kg	U	1
Chlordane	BQL	38	ug/kg	U	1
Delta-BHC	BQL	1.9	ug/kg	U	1
Dieldrin	BQL	1.9	ug/kg	U	1
Endosulfan I	BQL	1.9	ug/kg	U	1
Endosulfan II	BQL	1.9	ug/kg	U	1
Endosulfan Sulfate	BQL	1.9	ug/kg	U	1
Endrin	BQL	1.9	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	1.9	ug/kg	U	1
Heptachlor	BQL	1.9	ug/kg	U	1
Heptachlor Epoxide	BQL	1.9	ug/kg	U	1
Methoxychlor	BQL	1.9	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-060-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 06:22
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	0.46	2.3	ug/kg	JP	1
4,4-DDE	BQL	2.3	ug/kg	U	1
4,4-DDT	BQL	2.3	ug/kg	U	1
Aldrin	BQL	2.3	ug/kg	U	1
Alpha-BHC	BQL	2.3	ug/kg	U	1
Beta-BHC	BQL	2.3	ug/kg	U	1
Chlordane	BQL	46	ug/kg	U	1
Delta-BHC	BQL	2.3	ug/kg	U	1
Dieldrin	BQL	2.3	ug/kg	U	1
Endosulfan I	BQL	2.3	ug/kg	U	1
Endosulfan II	BQL	2.3	ug/kg	U	1
Endosulfan Sulfate	BQL	2.3	ug/kg	U	1
Endrin	BQL	2.3	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.3	ug/kg	U	1
Heptachlor	BQL	2.3	ug/kg	U	1
Heptachlor Epoxide	BQL	2.3	ug/kg	U	1
Methoxychlor	BQL	2.3	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-061-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 06:51
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	BQL	2.0	ug/kg	U	1
4,4-DDE	BQL	2.0	ug/kg	U	1
4,4-DDT	BQL	2.0	ug/kg	U	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	39	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5 DL
GPL ID: 509111-005-062-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/29/2005
Time Analyzed: 16:05
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	11	9.3	ug/kg		5
4,4-DDE	3.5	9.3	ug/kg	J	5
4,4-DDT	75	9.3	ug/kg		5
Aldrin	BQL	9.3	ug/kg	U	5
Alpha-BHC	BQL	9.3	ug/kg	U	5
Beta-BHC	BQL	9.3	ug/kg	U	5
Chlordane	BQL	190	ug/kg	U	5
Delta-BHC	BQL	9.3	ug/kg	U	5
Dieldrin	BQL	9.3	ug/kg	U	5
Endosulfan I	BQL	9.3	ug/kg	U	5
Endosulfan II	BQL	9.3	ug/kg	U	5
Endosulfan Sulfate	BQL	9.3	ug/kg	U	5
Endrin	BQL	9.3	ug/kg	U	5
Gamma-BHC (Lindane)	BQL	9.3	ug/kg	U	5
Heptachlor	BQL	9.3	ug/kg	U	5
Heptachlor Epoxide	BQL	9.3	ug/kg	U	5
Methoxychlor	BQL	9.3	ug/kg	U	5

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-063-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 02:26
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	0.53	2.0	ug/kg	JP	1
4,4-DDE	BQL	2.0	ug/kg	U	1
4,4-DDT	0.39	2.0	ug/kg	JP	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	40	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-064-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 07:50
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	3.6	2.0	ug/kg		1
4,4-DDE	0.53	2.0	ug/kg	JP	1
4,4-DDT	0.58	2.0	ug/kg	JP	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	39	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-065-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 03:25
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	0.92	1.9	ug/kg	JP	1
4,4-DDE	3.3	1.9	ug/kg		1
4,4-DDT	3.4	1.9	ug/kg		1
Aldrin	BQL	1.9	ug/kg	U	1
Alpha-BHC	BQL	1.9	ug/kg	U	1
Beta-BHC	BQL	1.9	ug/kg	U	1
Chlordane	BQL	37	ug/kg	U	1
Delta-BHC	BQL	1.9	ug/kg	U	1
Dieldrin	BQL	1.9	ug/kg	U	1
Endosulfan I	BQL	1.9	ug/kg	U	1
Endosulfan II	BQL	1.9	ug/kg	U	1
Endosulfan Sulfate	BQL	1.9	ug/kg	U	1
Endrin	BQL	1.9	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	1.9	ug/kg	U	1
Heptachlor	BQL	1.9	ug/kg	U	1
Heptachlor Epoxide	BQL	1.9	ug/kg	U	1
Methoxychlor	BQL	1.9	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-066-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 03:54
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	BQL	2.0	ug/kg	U	1
4,4-DDE	0.27	2.0	ug/kg	JP	1
4,4-DDT	BQL	2.0	ug/kg	U	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	41	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-067-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 08:20
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	3.6	2.0	ug/kg		1
4,4-DDE	4.8	2.0	ug/kg		1
4,4-DDT	2.3	2.0	ug/kg	P	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	40	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-068-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 08:49
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	6.1	2.0	ug/kg		1
4,4-DDE	1.4	2.0	ug/kg	JP	1
4,4-DDT	0.54	2.0	ug/kg	JP	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	41	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-069-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 09:18
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	6.6	2.0	ug/kg		1
4,4-DDE	1.4	2.0	ug/kg	JP	1
4,4-DDT	0.40	2.0	ug/kg	JP	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	40	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-070-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 04:24
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	12	2.0	ug/kg		1
4,4-DDE	0.45	2.0	ug/kg	J	1
4,4-DDT	BQL	2.0	ug/kg	U	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	39	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-071-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 00:00
Prep Batch: 77671

Analytical Method: SW8081A
Date Analyzed: 09/28/2005
Time Analyzed: 00:28
Analysis Batch: 80416

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
4,4-DDD	BQL	2.0	ug/kg	U	1
4,4-DDE	BQL	2.0	ug/kg	U	1
4,4-DDT	BQL	2.0	ug/kg	U	1
Aldrin	BQL	2.0	ug/kg	U	1
Alpha-BHC	BQL	2.0	ug/kg	U	1
Beta-BHC	BQL	2.0	ug/kg	U	1
Chlordane	BQL	40	ug/kg	U	1
Delta-BHC	BQL	2.0	ug/kg	U	1
Dieldrin	BQL	2.0	ug/kg	U	1
Endosulfan I	BQL	2.0	ug/kg	U	1
Endosulfan II	BQL	2.0	ug/kg	U	1
Endosulfan Sulfate	BQL	2.0	ug/kg	U	1
Endrin	BQL	2.0	ug/kg	U	1
Gamma-BHC (Lindane)	BQL	2.0	ug/kg	U	1
Heptachlor	BQL	2.0	ug/kg	U	1
Heptachlor Epoxide	BQL	2.0	ug/kg	U	1
Methoxychlor	BQL	2.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-058-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 11:02
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	19	ug/kg	U	1
PCB-1221	BQL	19	ug/kg	U	1
PCB-1232	BQL	19	ug/kg	U	1
PCB-1242	BQL	19	ug/kg	U	1
PCB-1248	BQL	19	ug/kg	U	1
PCB-1254	BQL	19	ug/kg	U	1
PCB-1260	BQL	19	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-059-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 11:32
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	19	ug/kg	U	1
PCB-1221	BQL	19	ug/kg	U	1
PCB-1232	BQL	19	ug/kg	U	1
PCB-1242	BQL	19	ug/kg	U	1
PCB-1248	BQL	19	ug/kg	U	1
PCB-1254	BQL	19	ug/kg	U	1
PCB-1260	BQL	19	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-060-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 00:02
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	23	ug/kg	U	1
PCB-1221	BQL	23	ug/kg	U	1
PCB-1232	BQL	23	ug/kg	U	1
PCB-1242	BQL	23	ug/kg	U	1
PCB-1248	BQL	23	ug/kg	U	1
PCB-1254	BQL	23	ug/kg	U	1
PCB-1260	BQL	23	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-061-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 00:32
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	19	ug/kg	U	1
PCB-1221	BQL	19	ug/kg	U	1
PCB-1232	BQL	19	ug/kg	U	1
PCB-1242	BQL	19	ug/kg	U	1
PCB-1248	BQL	19	ug/kg	U	1
PCB-1254	BQL	19	ug/kg	U	1
PCB-1260	BQL	19	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-062-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 13:02
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	19	ug/kg	U	1
PCB-1221	BQL	19	ug/kg	U	1
PCB-1232	BQL	19	ug/kg	U	1
PCB-1242	BQL	19	ug/kg	U	1
PCB-1248	BQL	19	ug/kg	U	1
PCB-1254	BQL	19	ug/kg	U	1
PCB-1260	BQL	19	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-063-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 13:32
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-064-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 14:02
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	19	ug/kg	U	1
PCB-1221	BQL	19	ug/kg	U	1
PCB-1232	BQL	19	ug/kg	U	1
PCB-1242	BQL	19	ug/kg	U	1
PCB-1248	BQL	19	ug/kg	U	1
PCB-1254	BQL	19	ug/kg	U	1
PCB-1260	BQL	19	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-065-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 14:32
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	19	ug/kg	U	1
PCB-1221	BQL	19	ug/kg	U	1
PCB-1232	BQL	19	ug/kg	U	1
PCB-1242	BQL	19	ug/kg	U	1
PCB-1248	BQL	19	ug/kg	U	1
PCB-1254	BQL	19	ug/kg	U	1
PCB-1260	BQL	19	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-066-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 16:04
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-067-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 16:34
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-068-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 17:04
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-069-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 17:34
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-070-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 18:04
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-071-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:31
Prep Batch: 77672

Analytical Method: SW8082
Date Analyzed: 09/27/2005
Time Analyzed: 18:34
Analysis Batch: 80406

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-072-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 12:54
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	110	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	110	ug/kg	U	1
2,4-D	BQL	110	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-073-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 13:19
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	110	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	110	ug/kg	U	1
2,4-D	BQL	110	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-074-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 13:44
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	140	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	140	ug/kg	U	1
2,4-D	BQL	140	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-075-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 14:09
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-076-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 14:35
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	110	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	110	ug/kg	U	1
2,4-D	BQL	110	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-077-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 15:00
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-078-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 15:25
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-079-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 15:50
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	110	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	110	ug/kg	U	1
2,4-D	BQL	110	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-080-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 16:41
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-081-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 17:06
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-082-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 17:31
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-083-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 17:56
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-084-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 18:21
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-085-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: EXT_SW8151
Prep Date: 09/24/2005
Prep Time: 10:39
Prep Batch: 77673

Analytical Method: SW8151A
Date Analyzed: 09/26/2005
Time Analyzed: 18:46
Analysis Batch: 80353

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-T	BQL	120	ug/kg	U	1
2,4,5-TP (Silvex)	BQL	120	ug/kg	U	1
2,4-D	BQL	120	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-001-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 13:45
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.5	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.5	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.5	ug/kg	U	1
1,1-Dichloroethane	BQL	6.5	ug/kg	U	1
1,1-Dichloroethene	BQL	6.5	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.5	ug/kg	U	1
1,2-Dichloroethane	BQL	6.5	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.5	ug/kg	U	1
1,3-Dichloropropane	BQL	6.5	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.5	ug/kg	U	1
2-Butanone	BQL	13	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	13	ug/kg	U	1
Acetone	11	13	ug/kg	J	1
Benzene	BQL	6.5	ug/kg	U	1
Bromomethane	BQL	13	ug/kg	U	1
Carbon Disulfide	BQL	6.5	ug/kg	U	1
Carbon Tetrachloride	BQL	6.5	ug/kg	U	1
Chlorobenzene	BQL	6.5	ug/kg	U	1
Chloroethane	BQL	13	ug/kg	U	1
Chloroform	BQL	6.5	ug/kg	U	1
Chloromethane	3.2	13	ug/kg	J	1
Dibromochloromethane	BQL	6.5	ug/kg	U	1
Ethylbenzene	BQL	6.5	ug/kg	U	1
Freon 113	BQL	6.5	ug/kg	U	1
Methylene Chloride	BQL	13	ug/kg	U	1
Styrene	BQL	6.5	ug/kg	U	1
Tetrachloroethylene	BQL	6.5	ug/kg	U	1
Toluene	BQL	6.5	ug/kg	U	1
Trichloroethene	BQL	6.5	ug/kg	U	1
Vinyl Chloride	BQL	13	ug/kg	U	1
Xylenes, Total	BQL	6.5	ug/kg	U	1
trans-1,2-dichloroethene	BQL	6.5	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1RE
GPL ID: 509111-001-002-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 15:36
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.9	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethene	BQL	5.9	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,2-Dichloroethane	BQL	5.9	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,3-Dichloropropane	BQL	5.9	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.9	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.9	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	11	5.9	ug/kg		1
Carbon Tetrachloride	BQL	5.9	ug/kg	U	1
Chlorobenzene	BQL	5.9	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.9	ug/kg	U	1
Chloromethane	12	12	ug/kg		1
Dibromochloromethane	BQL	5.9	ug/kg	U	1
Ethylbenzene	BQL	5.9	ug/kg	U	1
Freon 113	BQL	5.9	ug/kg	U	1
Methylene Chloride	4.8	12	ug/kg	J	1
Styrene	BQL	5.9	ug/kg	U	1
Tetrachloroethylene	BQL	5.9	ug/kg	U	1
Toluene	BQL	5.9	ug/kg	U	1
Trichloroethene	BQL	5.9	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.9	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.9	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-004-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 14:15
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.1	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.1	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.1	ug/kg	U	1
1,1-Dichloroethane	BQL	5.1	ug/kg	U	1
1,1-Dichloroethene	BQL	5.1	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.1	ug/kg	U	1
1,2-Dichloroethane	BQL	5.1	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.1	ug/kg	U	1
1,3-Dichloropropane	BQL	5.1	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.1	ug/kg	U	1
2-Butanone	BQL	10	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	10	ug/kg	U	1
Acetone	11	10	ug/kg		1
Benzene	BQL	5.1	ug/kg	U	1
Bromomethane	BQL	10	ug/kg	U	1
Carbon Disulfide	BQL	5.1	ug/kg	U	1
Carbon Tetrachloride	BQL	5.1	ug/kg	U	1
Chlorobenzene	BQL	5.1	ug/kg	U	1
Chloroethane	BQL	10	ug/kg	U	1
Chloroform	BQL	5.1	ug/kg	U	1
Chloromethane	3.5	10	ug/kg	J	1
Dibromochloromethane	BQL	5.1	ug/kg	U	1
Ethylbenzene	BQL	5.1	ug/kg	U	1
Freon 113	BQL	5.1	ug/kg	U	1
Methylene Chloride	1.1	10	ug/kg	J	1
Styrene	BQL	5.1	ug/kg	U	1
Tetrachloroethylene	BQL	5.1	ug/kg	U	1
Toluene	BQL	5.1	ug/kg	U	1
Trichloroethene	BQL	5.1	ug/kg	U	1
Vinyl Chloride	BQL	10	ug/kg	U	1
Xylenes, Total	BQL	5.1	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.1	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2RE
GPL ID: 509111-002-005-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 16:05
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.4	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.4	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.4	ug/kg	U	1
1,1-Dichloroethane	BQL	5.4	ug/kg	U	1
1,1-Dichloroethene	BQL	5.4	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.4	ug/kg	U	1
1,2-Dichloroethane	BQL	5.4	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.4	ug/kg	U	1
1,3-Dichloropropane	BQL	5.4	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.4	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	26	11	ug/kg		1
Benzene	BQL	5.4	ug/kg	U	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.4	ug/kg	U	1
Carbon Tetrachloride	BQL	5.4	ug/kg	U	1
Chlorobenzene	BQL	5.4	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.4	ug/kg	U	1
Chloromethane	5.7	11	ug/kg	J	1
Dibromochloromethane	BQL	5.4	ug/kg	U	1
Ethylbenzene	BQL	5.4	ug/kg	U	1
Freon 113	BQL	5.4	ug/kg	U	1
Methylene Chloride	1.7	11	ug/kg	J	1
Styrene	BQL	5.4	ug/kg	U	1
Tetrachloroethylene	BQL	5.4	ug/kg	U	1
Toluene	BQL	5.4	ug/kg	U	1
Trichloroethene	BQL	5.4	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.4	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.4	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-007-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 14:45
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.2	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.2	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.2	ug/kg	U	1
1,1-Dichloroethane	BQL	6.2	ug/kg	U	1
1,1-Dichloroethene	BQL	6.2	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.2	ug/kg	U	1
1,2-Dichloroethane	BQL	6.2	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.2	ug/kg	U	1
1,3-Dichloropropane	BQL	6.2	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.2	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	16	12	ug/kg		1
Benzene	BQL	6.2	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	6.2	ug/kg	U	1
Carbon Tetrachloride	BQL	6.2	ug/kg	U	1
Chlorobenzene	BQL	6.2	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	3.8	6.2	ug/kg	J	1
Chloromethane	5.8	12	ug/kg	J	1
Dibromochloromethane	BQL	6.2	ug/kg	U	1
Ethylbenzene	BQL	6.2	ug/kg	U	1
Freon 113	BQL	6.2	ug/kg	U	1
Methylene Chloride	2.2	12	ug/kg	J	1
Styrene	BQL	6.2	ug/kg	U	1
Tetrachloroethylene	BQL	6.2	ug/kg	U	1
Toluene	BQL	6.2	ug/kg	U	1
Trichloroethene	BQL	6.2	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	6.2	ug/kg	U	1
trans-1,2-dichloroethene	BQL	6.2	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3RE
GPL ID: 509111-003-008-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 16:35
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	7.0	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	7.0	ug/kg	U	1
1,1,2-Trichloroethane	BQL	7.0	ug/kg	U	1
1,1-Dichloroethane	BQL	7.0	ug/kg	U	1
1,1-Dichloroethene	BQL	7.0	ug/kg	U	1
1,2-Dichlorobenzene	BQL	7.0	ug/kg	U	1
1,2-Dichloroethane	BQL	7.0	ug/kg	U	1
1,3-Dichlorobenzene	BQL	7.0	ug/kg	U	1
1,3-Dichloropropane	BQL	7.0	ug/kg	U	1
1,4-Dichlorobenzene	BQL	7.0	ug/kg	U	1
2-Butanone	BQL	14	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	14	ug/kg	U	1
Acetone	36	14	ug/kg		1
Benzene	BQL	7.0	ug/kg	U	1
Bromomethane	BQL	14	ug/kg	U	1
Carbon Disulfide	BQL	7.0	ug/kg	U	1
Carbon Tetrachloride	BQL	7.0	ug/kg	U	1
Chlorobenzene	BQL	7.0	ug/kg	U	1
Chloroethane	BQL	14	ug/kg	U	1
Chloroform	BQL	7.0	ug/kg	U	1
Chloromethane	BQL	14	ug/kg	U	1
Dibromochloromethane	BQL	7.0	ug/kg	U	1
Ethylbenzene	BQL	7.0	ug/kg	U	1
Freon 113	BQL	7.0	ug/kg	U	1
Methylene Chloride	2.6	14	ug/kg	J	1
Styrene	BQL	7.0	ug/kg	U	1
Tetrachloroethylene	BQL	7.0	ug/kg	U	1
Toluene	BQL	7.0	ug/kg	U	1
Trichloroethene	BQL	7.0	ug/kg	U	1
Vinyl Chloride	BQL	14	ug/kg	U	1
Xylenes, Total	BQL	7.0	ug/kg	U	1
trans-1,2-dichloroethene	BQL	7.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-010-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 15:14
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.0	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.0	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.0	ug/kg	U	1
1,1-Dichloroethane	BQL	6.0	ug/kg	U	1
1,1-Dichloroethene	BQL	6.0	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.0	ug/kg	U	1
1,2-Dichloroethane	BQL	6.0	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.0	ug/kg	U	1
1,3-Dichloropropane	BQL	6.0	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.0	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	39	12	ug/kg		1
Benzene	3.2	6.0	ug/kg	J	1
Bromomethane	2.3	12	ug/kg	J	1
Carbon Disulfide	15	6.0	ug/kg		1
Carbon Tetrachloride	BQL	6.0	ug/kg	U	1
Chlorobenzene	BQL	6.0	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	6.0	ug/kg	U	1
Chloromethane	3.6	12	ug/kg	J	1
Dibromochloromethane	BQL	6.0	ug/kg	U	1
Ethylbenzene	5.0	6.0	ug/kg	J	1
Freon 113	BQL	6.0	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	6.0	ug/kg	U	1
Tetrachloroethylene	BQL	6.0	ug/kg	U	1
Toluene	18	6.0	ug/kg		1
Trichloroethene	BQL	6.0	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	23	6.0	ug/kg		1
trans-1,2-dichloroethene	BQL	6.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4RE
GPL ID: 509111-004-011-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 17:04
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.5	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.5	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.5	ug/kg	U	1
1,1-Dichloroethane	BQL	5.5	ug/kg	U	1
1,1-Dichloroethene	BQL	5.5	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.5	ug/kg	U	1
1,2-Dichloroethane	BQL	5.5	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.5	ug/kg	U	1
1,3-Dichloropropane	BQL	5.5	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.5	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	BQL	11	ug/kg	U	1
Benzene	3.2	5.5	ug/kg	J	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	73	5.5	ug/kg		1
Carbon Tetrachloride	BQL	5.5	ug/kg	U	1
Chlorobenzene	BQL	5.5	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.5	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.5	ug/kg	U	1
Ethylbenzene	2.2	5.5	ug/kg	J	1
Freon 113	BQL	5.5	ug/kg	U	1
Methylene Chloride	1.1	11	ug/kg	J	1
Styrene	BQL	5.5	ug/kg	U	1
Tetrachloroethylene	BQL	5.5	ug/kg	U	1
Toluene	BQL	5.5	ug/kg	U	1
Trichloroethene	BQL	5.5	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	8.0	5.5	ug/kg		1
trans-1,2-dichloroethene	BQL	5.5	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-013-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 15:44
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.6	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethene	BQL	5.6	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,2-Dichloroethane	BQL	5.6	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,3-Dichloropropane	BQL	5.6	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.6	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	15	11	ug/kg		1
Benzene	BQL	5.6	ug/kg	U	1
Bromomethane	1.9	11	ug/kg	J	1
Carbon Disulfide	BQL	5.6	ug/kg	U	1
Carbon Tetrachloride	BQL	5.6	ug/kg	U	1
Chlorobenzene	BQL	5.6	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.6	ug/kg	U	1
Chloromethane	3.3	11	ug/kg	J	1
Dibromochloromethane	BQL	5.6	ug/kg	U	1
Ethylbenzene	BQL	5.6	ug/kg	U	1
Freon 113	BQL	5.6	ug/kg	U	1
Methylene Chloride	1.3	11	ug/kg	J	1
Styrene	BQL	5.6	ug/kg	U	1
Tetrachloroethylene	BQL	5.6	ug/kg	U	1
Toluene	BQL	5.6	ug/kg	U	1
Trichloroethene	BQL	5.6	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.6	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.6	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5RE
GPL ID: 509111-005-014-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 17:34
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.9	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethene	BQL	5.9	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,2-Dichloroethane	BQL	5.9	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,3-Dichloropropane	BQL	5.9	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.9	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.9	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	34	5.9	ug/kg		1
Carbon Tetrachloride	BQL	5.9	ug/kg	U	1
Chlorobenzene	BQL	5.9	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.9	ug/kg	U	1
Chloromethane	5.2	12	ug/kg	J	1
Dibromochloromethane	BQL	5.9	ug/kg	U	1
Ethylbenzene	BQL	5.9	ug/kg	U	1
Freon 113	BQL	5.9	ug/kg	U	1
Methylene Chloride	2.0	12	ug/kg	J	1
Styrene	BQL	5.9	ug/kg	U	1
Tetrachloroethylene	BQL	5.9	ug/kg	U	1
Toluene	BQL	5.9	ug/kg	U	1
Trichloroethene	BQL	5.9	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	4.0	5.9	ug/kg	J	1
trans-1,2-dichloroethene	BQL	5.9	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-016-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 16:13
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.7	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.7	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.7	ug/kg	U	1
1,1-Dichloroethane	BQL	5.7	ug/kg	U	1
1,1-Dichloroethene	BQL	5.7	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.7	ug/kg	U	1
1,2-Dichloroethane	BQL	5.7	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.7	ug/kg	U	1
1,3-Dichloropropane	BQL	5.7	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.7	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	23	11	ug/kg		1
Benzene	BQL	5.7	ug/kg	U	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.7	ug/kg	U	1
Carbon Tetrachloride	BQL	5.7	ug/kg	U	1
Chlorobenzene	BQL	5.7	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	3.6	5.7	ug/kg	J	1
Chloromethane	5.4	11	ug/kg	J	1
Dibromochloromethane	BQL	5.7	ug/kg	U	1
Ethylbenzene	BQL	5.7	ug/kg	U	1
Freon 113	BQL	5.7	ug/kg	U	1
Methylene Chloride	1.6	11	ug/kg	J	1
Styrene	BQL	5.7	ug/kg	U	1
Tetrachloroethylene	BQL	5.7	ug/kg	U	1
Toluene	BQL	5.7	ug/kg	U	1
Trichloroethene	BQL	5.7	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.7	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.7	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6RE
GPL ID: 509111-006-017-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 18:04
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.9	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethene	BQL	5.9	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,2-Dichloroethane	BQL	5.9	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,3-Dichloropropane	BQL	5.9	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.9	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.9	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	17	5.9	ug/kg		1
Carbon Tetrachloride	BQL	5.9	ug/kg	U	1
Chlorobenzene	BQL	5.9	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.9	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.9	ug/kg	U	1
Ethylbenzene	BQL	5.9	ug/kg	U	1
Freon 113	BQL	5.9	ug/kg	U	1
Methylene Chloride	3.4	12	ug/kg	J	1
Styrene	BQL	5.9	ug/kg	U	1
Tetrachloroethylene	BQL	5.9	ug/kg	U	1
Toluene	BQL	5.9	ug/kg	U	1
Trichloroethene	BQL	5.9	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	2.6	5.9	ug/kg	J	1
trans-1,2-dichloroethene	BQL	5.9	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-019-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 16:43
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	21	12	ug/kg		1
Benzene	3.2	5.8	ug/kg	J	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	4.5	5.8	ug/kg	J	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	3.3	5.8	ug/kg	J	1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	2.7	12	ug/kg	J	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	14	5.8	ug/kg		1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	9.4	5.8	ug/kg		1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7RE
GPL ID: 509111-007-020-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 18:33
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.7	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.7	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.7	ug/kg	U	1
1,1-Dichloroethane	BQL	5.7	ug/kg	U	1
1,1-Dichloroethene	BQL	5.7	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.7	ug/kg	U	1
1,2-Dichloroethane	BQL	5.7	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.7	ug/kg	U	1
1,3-Dichloropropane	BQL	5.7	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.7	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	70	11	ug/kg		1
Benzene	3.1	5.7	ug/kg	J	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.7	ug/kg	U	1
Carbon Tetrachloride	BQL	5.7	ug/kg	U	1
Chlorobenzene	BQL	5.7	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.7	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.7	ug/kg	U	1
Ethylbenzene	2.0	5.7	ug/kg	J	1
Freon 113	BQL	5.7	ug/kg	U	1
Methylene Chloride	1.9	11	ug/kg	J	1
Styrene	BQL	5.7	ug/kg	U	1
Tetrachloroethylene	BQL	5.7	ug/kg	U	1
Toluene	BQL	5.7	ug/kg	U	1
Trichloroethene	BQL	5.7	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	6.6	5.7	ug/kg		1
trans-1,2-dichloroethene	BQL	5.7	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-022-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 17:12
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	4.7	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	4.7	ug/kg	U	1
1,1,2-Trichloroethane	BQL	4.7	ug/kg	U	1
1,1-Dichloroethane	BQL	4.7	ug/kg	U	1
1,1-Dichloroethene	BQL	4.7	ug/kg	U	1
1,2-Dichlorobenzene	BQL	4.7	ug/kg	U	1
1,2-Dichloroethane	BQL	4.7	ug/kg	U	1
1,3-Dichlorobenzene	BQL	4.7	ug/kg	U	1
1,3-Dichloropropane	BQL	4.7	ug/kg	U	1
1,4-Dichlorobenzene	BQL	4.7	ug/kg	U	1
2-Butanone	BQL	9.4	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	9.4	ug/kg	U	1
Acetone	9.2	9.4	ug/kg	J	1
Benzene	BQL	4.7	ug/kg	U	1
Bromomethane	BQL	9.4	ug/kg	U	1
Carbon Disulfide	BQL	4.7	ug/kg	U	1
Carbon Tetrachloride	BQL	4.7	ug/kg	U	1
Chlorobenzene	BQL	4.7	ug/kg	U	1
Chloroethane	BQL	9.4	ug/kg	U	1
Chloroform	BQL	4.7	ug/kg	U	1
Chloromethane	2.9	9.4	ug/kg	J	1
Dibromochloromethane	BQL	4.7	ug/kg	U	1
Ethylbenzene	BQL	4.7	ug/kg	U	1
Freon 113	BQL	4.7	ug/kg	U	1
Methylene Chloride	BQL	9.4	ug/kg	U	1
Styrene	BQL	4.7	ug/kg	U	1
Tetrachloroethylene	BQL	4.7	ug/kg	U	1
Toluene	BQL	4.7	ug/kg	U	1
Trichloroethene	BQL	4.7	ug/kg	U	1
Vinyl Chloride	BQL	9.4	ug/kg	U	1
Xylenes, Total	BQL	4.7	ug/kg	U	1
trans-1,2-dichloroethene	BQL	4.7	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8RE
GPL ID: 509111-008-023-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 19:03
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.5	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.5	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.5	ug/kg	U	1
1,1-Dichloroethane	BQL	6.5	ug/kg	U	1
1,1-Dichloroethene	BQL	6.5	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.5	ug/kg	U	1
1,2-Dichloroethane	BQL	6.5	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.5	ug/kg	U	1
1,3-Dichloropropane	BQL	6.5	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.5	ug/kg	U	1
2-Butanone	BQL	13	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	13	ug/kg	U	1
Acetone	25	13	ug/kg		1
Benzene	BQL	6.5	ug/kg	U	1
Bromomethane	BQL	13	ug/kg	U	1
Carbon Disulfide	BQL	6.5	ug/kg	U	1
Carbon Tetrachloride	BQL	6.5	ug/kg	U	1
Chlorobenzene	BQL	6.5	ug/kg	U	1
Chloroethane	BQL	13	ug/kg	U	1
Chloroform	BQL	6.5	ug/kg	U	1
Chloromethane	BQL	13	ug/kg	U	1
Dibromochloromethane	BQL	6.5	ug/kg	U	1
Ethylbenzene	BQL	6.5	ug/kg	U	1
Freon 113	BQL	6.5	ug/kg	U	1
Methylene Chloride	1.8	13	ug/kg	J	1
Styrene	BQL	6.5	ug/kg	U	1
Tetrachloroethylene	BQL	6.5	ug/kg	U	1
Toluene	BQL	6.5	ug/kg	U	1
Trichloroethene	BQL	6.5	ug/kg	U	1
Vinyl Chloride	BQL	13	ug/kg	U	1
Xylenes, Total	BQL	6.5	ug/kg	U	1
trans-1,2-dichloroethene	BQL	6.5	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-025-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 17:42
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	21	12	ug/kg		1
Benzene	BQL	5.8	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	4.0	5.8	ug/kg	J	1
Chloromethane	5.0	12	ug/kg	J	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	BQL	5.8	ug/kg	U	1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	1.6	12	ug/kg	J	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	BQL	5.8	ug/kg	U	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.8	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9RE
GPL ID: 509111-009-026-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 19:32
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.3	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.3	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.3	ug/kg	U	1
1,1-Dichloroethane	BQL	6.3	ug/kg	U	1
1,1-Dichloroethene	BQL	6.3	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.3	ug/kg	U	1
1,2-Dichloroethane	BQL	6.3	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.3	ug/kg	U	1
1,3-Dichloropropane	BQL	6.3	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.3	ug/kg	U	1
2-Butanone	BQL	13	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	13	ug/kg	U	1
Acetone	93	13	ug/kg		1
Benzene	BQL	6.3	ug/kg	U	1
Bromomethane	BQL	13	ug/kg	U	1
Carbon Disulfide	BQL	6.3	ug/kg	U	1
Carbon Tetrachloride	BQL	6.3	ug/kg	U	1
Chlorobenzene	BQL	6.3	ug/kg	U	1
Chloroethane	BQL	13	ug/kg	U	1
Chloroform	BQL	6.3	ug/kg	U	1
Chloromethane	BQL	13	ug/kg	U	1
Dibromochloromethane	BQL	6.3	ug/kg	U	1
Ethylbenzene	BQL	6.3	ug/kg	U	1
Freon 113	BQL	6.3	ug/kg	U	1
Methylene Chloride	3.4	13	ug/kg	J	1
Styrene	BQL	6.3	ug/kg	U	1
Tetrachloroethylene	BQL	6.3	ug/kg	U	1
Toluene	BQL	6.3	ug/kg	U	1
Trichloroethene	BQL	6.3	ug/kg	U	1
Vinyl Chloride	BQL	13	ug/kg	U	1
Xylenes, Total	BQL	6.3	ug/kg	U	1
trans-1,2-dichloroethene	BQL	6.3	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-028-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 18:12
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.9	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethene	BQL	5.9	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,2-Dichloroethane	BQL	5.9	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,3-Dichloropropane	BQL	5.9	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.9	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	14	12	ug/kg		1
Benzene	BQL	5.9	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.9	ug/kg	U	1
Carbon Tetrachloride	BQL	5.9	ug/kg	U	1
Chlorobenzene	BQL	5.9	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	4.4	5.9	ug/kg	J	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.9	ug/kg	U	1
Ethylbenzene	BQL	5.9	ug/kg	U	1
Freon 113	BQL	5.9	ug/kg	U	1
Methylene Chloride	2.5	12	ug/kg	J	1
Styrene	BQL	5.9	ug/kg	U	1
Tetrachloroethylene	BQL	5.9	ug/kg	U	1
Toluene	BQL	5.9	ug/kg	U	1
Trichloroethene	BQL	5.9	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.9	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.9	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10RE
GPL ID: 509111-010-029-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 20:02
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	7.6	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	7.6	ug/kg	U	1
1,1,2-Trichloroethane	BQL	7.6	ug/kg	U	1
1,1-Dichloroethane	BQL	7.6	ug/kg	U	1
1,1-Dichloroethene	BQL	7.6	ug/kg	U	1
1,2-Dichlorobenzene	BQL	7.6	ug/kg	U	1
1,2-Dichloroethane	BQL	7.6	ug/kg	U	1
1,3-Dichlorobenzene	BQL	7.6	ug/kg	U	1
1,3-Dichloropropane	BQL	7.6	ug/kg	U	1
1,4-Dichlorobenzene	BQL	7.6	ug/kg	U	1
2-Butanone	BQL	15	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	15	ug/kg	U	1
Acetone	20	15	ug/kg		1
Benzene	BQL	7.6	ug/kg	U	1
Bromomethane	BQL	15	ug/kg	U	1
Carbon Disulfide	20	7.6	ug/kg		1
Carbon Tetrachloride	BQL	7.6	ug/kg	U	1
Chlorobenzene	BQL	7.6	ug/kg	U	1
Chloroethane	BQL	15	ug/kg	U	1
Chloroform	BQL	7.6	ug/kg	U	1
Chloromethane	BQL	15	ug/kg	U	1
Dibromochloromethane	BQL	7.6	ug/kg	U	1
Ethylbenzene	BQL	7.6	ug/kg	U	1
Freon 113	BQL	7.6	ug/kg	U	1
Methylene Chloride	3.3	15	ug/kg	J	1
Styrene	BQL	7.6	ug/kg	U	1
Tetrachloroethylene	BQL	7.6	ug/kg	U	1
Toluene	BQL	7.6	ug/kg	U	1
Trichloroethene	BQL	7.6	ug/kg	U	1
Vinyl Chloride	BQL	15	ug/kg	U	1
Xylenes, Total	BQL	7.6	ug/kg	U	1
trans-1,2-dichloroethene	BQL	7.6	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-031-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 18:41
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.4	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.4	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.4	ug/kg	U	1
1,1-Dichloroethane	BQL	6.4	ug/kg	U	1
1,1-Dichloroethene	BQL	6.4	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.4	ug/kg	U	1
1,2-Dichloroethane	BQL	6.4	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.4	ug/kg	U	1
1,3-Dichloropropane	BQL	6.4	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.4	ug/kg	U	1
2-Butanone	BQL	13	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	13	ug/kg	U	1
Acetone	BQL	13	ug/kg	U	1
Benzene	BQL	6.4	ug/kg	U	1
Bromomethane	BQL	13	ug/kg	U	1
Carbon Disulfide	BQL	6.4	ug/kg	U	1
Carbon Tetrachloride	BQL	6.4	ug/kg	U	1
Chlorobenzene	BQL	6.4	ug/kg	U	1
Chloroethane	BQL	13	ug/kg	U	1
Chloroform	4.5	6.4	ug/kg	J	1
Chloromethane	BQL	13	ug/kg	U	1
Dibromochloromethane	BQL	6.4	ug/kg	U	1
Ethylbenzene	1.4	6.4	ug/kg	J	1
Freon 113	BQL	6.4	ug/kg	U	1
Methylene Chloride	1.6	13	ug/kg	J	1
Styrene	BQL	6.4	ug/kg	U	1
Tetrachloroethylene	BQL	6.4	ug/kg	U	1
Toluene	BQL	6.4	ug/kg	U	1
Trichloroethene	BQL	6.4	ug/kg	U	1
Vinyl Chloride	BQL	13	ug/kg	U	1
Xylenes, Total	6.7	6.4	ug/kg		1
trans-1,2-dichloroethene	BQL	6.4	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11RE
GPL ID: 509111-011-032-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 20:31
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	14	12	ug/kg		1
Benzene	BQL	5.8	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.8	ug/kg	U	1
Chloromethane	4.7	12	ug/kg	J	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	BQL	5.8	ug/kg	U	1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	3.3	12	ug/kg	J	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	BQL	5.8	ug/kg	U	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.8	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-034-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 19:11
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.3	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.3	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.3	ug/kg	U	1
1,1-Dichloroethane	BQL	6.3	ug/kg	U	1
1,1-Dichloroethene	BQL	6.3	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.3	ug/kg	U	1
1,2-Dichloroethane	BQL	6.3	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.3	ug/kg	U	1
1,3-Dichloropropane	BQL	6.3	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.3	ug/kg	U	1
2-Butanone	BQL	13	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	13	ug/kg	U	1
Acetone	BQL	13	ug/kg	U	1
Benzene	2.2	6.3	ug/kg	J	1
Bromomethane	BQL	13	ug/kg	U	1
Carbon Disulfide	BQL	6.3	ug/kg	U	1
Carbon Tetrachloride	BQL	6.3	ug/kg	U	1
Chlorobenzene	BQL	6.3	ug/kg	U	1
Chloroethane	BQL	13	ug/kg	U	1
Chloroform	3.5	6.3	ug/kg	J	1
Chloromethane	BQL	13	ug/kg	U	1
Dibromochloromethane	BQL	6.3	ug/kg	U	1
Ethylbenzene	2.3	6.3	ug/kg	J	1
Freon 113	BQL	6.3	ug/kg	U	1
Methylene Chloride	BQL	13	ug/kg	U	1
Styrene	BQL	6.3	ug/kg	U	1
Tetrachloroethylene	BQL	6.3	ug/kg	U	1
Toluene	BQL	6.3	ug/kg	U	1
Trichloroethene	BQL	6.3	ug/kg	U	1
Vinyl Chloride	BQL	13	ug/kg	U	1
Xylenes, Total	9.0	6.3	ug/kg		1
trans-1,2-dichloroethene	BQL	6.3	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12RE
GPL ID: 509111-012-035-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 21:01
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.9	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethene	BQL	5.9	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,2-Dichloroethane	BQL	5.9	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,3-Dichloropropane	BQL	5.9	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.9	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	83	12	ug/kg		1
Benzene	2.2	5.9	ug/kg	J	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.9	ug/kg	U	1
Carbon Tetrachloride	BQL	5.9	ug/kg	U	1
Chlorobenzene	BQL	5.9	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.9	ug/kg	U	1
Chloromethane	5.3	12	ug/kg	J	1
Dibromochloromethane	BQL	5.9	ug/kg	U	1
Ethylbenzene	4.2	5.9	ug/kg	J	1
Freon 113	BQL	5.9	ug/kg	U	1
Methylene Chloride	2.2	12	ug/kg	J	1
Styrene	BQL	5.9	ug/kg	U	1
Tetrachloroethylene	BQL	5.9	ug/kg	U	1
Toluene	BQL	5.9	ug/kg	U	1
Trichloroethene	BQL	5.9	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	18	5.9	ug/kg		1
trans-1,2-dichloroethene	BQL	5.9	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-037-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 19:40
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	15	12	ug/kg		1
Benzene	40	5.8	ug/kg		1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.8	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	41	5.8	ug/kg		1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	240	5.8	ug/kg	E	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	260	5.8	ug/kg	E	1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13RE
GPL ID: 509111-013-038-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 21:31
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	7.0	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	7.0	ug/kg	U	1
1,1,2-Trichloroethane	BQL	7.0	ug/kg	U	1
1,1-Dichloroethane	BQL	7.0	ug/kg	U	1
1,1-Dichloroethene	BQL	7.0	ug/kg	U	1
1,2-Dichlorobenzene	BQL	7.0	ug/kg	U	1
1,2-Dichloroethane	BQL	7.0	ug/kg	U	1
1,3-Dichlorobenzene	BQL	7.0	ug/kg	U	1
1,3-Dichloropropane	BQL	7.0	ug/kg	U	1
1,4-Dichlorobenzene	BQL	7.0	ug/kg	U	1
2-Butanone	BQL	14	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	14	ug/kg	U	1
Acetone	32	14	ug/kg		1
Benzene	7.3	7.0	ug/kg		1
Bromomethane	BQL	14	ug/kg	U	1
Carbon Disulfide	BQL	7.0	ug/kg	U	1
Carbon Tetrachloride	BQL	7.0	ug/kg	U	1
Chlorobenzene	BQL	7.0	ug/kg	U	1
Chloroethane	BQL	14	ug/kg	U	1
Chloroform	BQL	7.0	ug/kg	U	1
Chloromethane	BQL	14	ug/kg	U	1
Dibromochloromethane	BQL	7.0	ug/kg	U	1
Ethylbenzene	3.5	7.0	ug/kg	J	1
Freon 113	BQL	7.0	ug/kg	U	1
Methylene Chloride	2.8	14	ug/kg	J	1
Styrene	BQL	7.0	ug/kg	U	1
Tetrachloroethylene	BQL	7.0	ug/kg	U	1
Toluene	23	7.0	ug/kg		1
Trichloroethene	BQL	7.0	ug/kg	U	1
Vinyl Chloride	BQL	14	ug/kg	U	1
Xylenes, Total	16	7.0	ug/kg		1
trans-1,2-dichloroethene	BQL	7.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-040-1/3
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 10:09
Prep Batch: 77746

Analytical Method: SW8260B
Date Analyzed: 09/24/2005
Time Analyzed: 20:10
Analysis Batch: 80469

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.6	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethene	BQL	5.6	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,2-Dichloroethane	BQL	5.6	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,3-Dichloropropane	BQL	5.6	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.6	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	28	11	ug/kg		1
Benzene	BQL	5.6	ug/kg	U	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.6	ug/kg	U	1
Carbon Tetrachloride	BQL	5.6	ug/kg	U	1
Chlorobenzene	BQL	5.6	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	3.9	5.6	ug/kg	J	1
Chloromethane	3.9	11	ug/kg	J	1
Dibromochloromethane	BQL	5.6	ug/kg	U	1
Ethylbenzene	BQL	5.6	ug/kg	U	1
Freon 113	BQL	5.6	ug/kg	U	1
Methylene Chloride	1.6	11	ug/kg	J	1
Styrene	BQL	5.6	ug/kg	U	1
Tetrachloroethylene	BQL	5.6	ug/kg	U	1
Toluene	BQL	5.6	ug/kg	U	1
Trichloroethene	BQL	5.6	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.6	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.6	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUPRE
GPL ID: 509111-014-041-2/3RE
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 22:00
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.0	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.0	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.0	ug/kg	U	1
1,1-Dichloroethane	BQL	6.0	ug/kg	U	1
1,1-Dichloroethene	BQL	6.0	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.0	ug/kg	U	1
1,2-Dichloroethane	BQL	6.0	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.0	ug/kg	U	1
1,3-Dichloropropane	BQL	6.0	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.0	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	45	12	ug/kg		1
Benzene	BQL	6.0	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	7.1	6.0	ug/kg		1
Carbon Tetrachloride	BQL	6.0	ug/kg	U	1
Chlorobenzene	BQL	6.0	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	6.0	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	6.0	ug/kg	U	1
Ethylbenzene	BQL	6.0	ug/kg	U	1
Freon 113	BQL	6.0	ug/kg	U	1
Methylene Chloride	2.3	12	ug/kg	J	1
Styrene	BQL	6.0	ug/kg	U	1
Tetrachloroethylene	BQL	6.0	ug/kg	U	1
Toluene	BQL	6.0	ug/kg	U	1
Trichloroethene	BQL	6.0	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	6.0	ug/kg	U	1
trans-1,2-dichloroethene	BQL	6.0	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: TRIP BLANK
GPL ID: 509111-015-043-1/1
Matrix: WATER
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 09/24/2005
Prep Time: 22:08
Prep Batch: 77750

Analytical Method: SW8260B
Date Analyzed: 09/25/2005
Time Analyzed: 01:05
Analysis Batch: 80479

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.0	ug/L	U	1
1,1,2,2-Tetrachloroethane	BQL	5.0	ug/L	U	1
1,1,2-Trichloroethane	BQL	5.0	ug/L	U	1
1,1-Dichloroethane	BQL	5.0	ug/L	U	1
1,1-Dichloroethene	BQL	5.0	ug/L	U	1
1,2-Dichlorobenzene	BQL	5.0	ug/L	U	1
1,2-Dichloroethane	BQL	5.0	ug/L	U	1
1,3-Dichlorobenzene	BQL	5.0	ug/L	U	1
1,3-Dichloropropane	BQL	5.0	ug/L	U	1
1,4-Dichlorobenzene	BQL	5.0	ug/L	U	1
2-Butanone	BQL	10	ug/L	U	1
4-Methyl-2-Pentanone	BQL	10	ug/L	U	1
Acetone	BQL	10	ug/L	U	1
Benzene	BQL	5.0	ug/L	U	1
Bromomethane	BQL	10	ug/L	U	1
Carbon Disulfide	BQL	5.0	ug/L	U	1
Carbon Tetrachloride	BQL	5.0	ug/L	U	1
Chlorobenzene	BQL	5.0	ug/L	U	1
Chloroethane	BQL	10	ug/L	U	1
Chloroform	BQL	5.0	ug/L	U	1
Chloromethane	BQL	10	ug/L	U	1
Dibromochloromethane	BQL	5.0	ug/L	U	1
Ethylbenzene	BQL	5.0	ug/L	U	1
Freon 113	BQL	5.0	ug/L	U	1
Methylene Chloride	BQL	10	ug/L	U	1
Styrene	BQL	5.0	ug/L	U	1
Tetrachloroethylene	BQL	5.0	ug/L	U	1
Toluene	BQL	5.0	ug/L	U	1
Trichloroethene	BQL	5.0	ug/L	U	1
Vinyl Chloride	BQL	10	ug/L	U	1
Xylenes, Total	BQL	5.0	ug/L	U	1
trans-1,2-dichloroethene	BQL	5.0	ug/L	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: TRIP BLANK RE
GPL ID: 509111-015-043-1/1RE
Matrix: WATER
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW5030B
Prep Date: 10/10/2005
Prep Time: 11:55
Prep Batch: 77966

Analytical Method: SW8260B
Date Analyzed: 10/10/2005
Time Analyzed: 14:53
Analysis Batch: 80857

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.0	ug/L	U	1
1,1,2,2-Tetrachloroethane	BQL	5.0	ug/L	U	1
1,1,2-Trichloroethane	BQL	5.0	ug/L	U	1
1,1-Dichloroethane	BQL	5.0	ug/L	U	1
1,1-Dichloroethene	BQL	5.0	ug/L	U	1
1,2-Dichlorobenzene	BQL	5.0	ug/L	U	1
1,2-Dichloroethane	BQL	5.0	ug/L	U	1
1,3-Dichlorobenzene	BQL	5.0	ug/L	U	1
1,3-Dichloropropane	BQL	5.0	ug/L	U	1
1,4-Dichlorobenzene	BQL	5.0	ug/L	U	1
2-Butanone	BQL	10	ug/L	U	1
4-Methyl-2-Pentanone	BQL	10	ug/L	U	1
Acetone	BQL	10	ug/L	U	1
Benzene	BQL	5.0	ug/L	U	1
Bromomethane	BQL	10	ug/L	U	1
Carbon Disulfide	BQL	5.0	ug/L	U	1
Carbon Tetrachloride	BQL	5.0	ug/L	U	1
Chlorobenzene	BQL	5.0	ug/L	U	1
Chloroethane	BQL	10	ug/L	U	1
Chloroform	BQL	5.0	ug/L	U	1
Chloromethane	BQL	10	ug/L	U	1
Dibromochloromethane	BQL	5.0	ug/L	U	1
Ethylbenzene	BQL	5.0	ug/L	U	1
Freon 113	BQL	5.0	ug/L	U	1
Methylene Chloride	BQL	10	ug/L	U	1
Styrene	BQL	5.0	ug/L	U	1
Tetrachloroethylene	BQL	5.0	ug/L	U	1
Toluene	BQL	5.0	ug/L	U	1
Trichloroethene	BQL	5.0	ug/L	U	1
Vinyl Chloride	BQL	10	ug/L	U	1
Xylenes, Total	BQL	5.0	ug/L	U	1
trans-1,2-dichloroethene	BQL	5.0	ug/L	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-044-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 04:19
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	380	ug/kg	U	1
2,4-Dichlorophenol	BQL	380	ug/kg	U	1
2,4-Dinitrophenol	BQL	760	ug/kg	U	1
2,6-Dinitrotoluene	BQL	380	ug/kg	U	1
2-Chlorophenol	BQL	380	ug/kg	U	1
2-Methylnaphthalene	BQL	380	ug/kg	U	1
2-Nitroaniline	BQL	380	ug/kg	U	1
2-Nitrophenol	BQL	380	ug/kg	U	1
2-methylphenol	BQL	380	ug/kg	U	1
3-Nitroaniline	BQL	380	ug/kg	U	1
4-Chloroaniline	BQL	380	ug/kg	U	1
4-Nitroaniline	BQL	380	ug/kg	U	1
4-Nitrophenol	BQL	760	ug/kg	U	1
4-chloro-3-methylphenol	BQL	380	ug/kg	U	1
4-methylphenol	BQL	380	ug/kg	U	1
Acenaphthene	BQL	380	ug/kg	U	1
Acenaphthylene	BQL	380	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	380	ug/kg	U	1
Anthracene	BQL	380	ug/kg	U	1
Benzo(a)anthracene	BQL	380	ug/kg	U	1
Benzo(a)pyrene	BQL	380	ug/kg	U	1
Benzo(b)fluoranthene	BQL	380	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	380	ug/kg	U	1
Benzo(k)fluoranthene	BQL	380	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	380	ug/kg	U	1
Chrysene	BQL	380	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	380	ug/kg	U	1
Dibenzofuran	BQL	380	ug/kg	U	1
Diethyl Phthalate	BQL	380	ug/kg	U	1
Dimethyl Phthalate	BQL	380	ug/kg	U	1
Fluoranthene	BQL	380	ug/kg	U	1
Fluorene	BQL	380	ug/kg	U	1
Hexachlorobenzene	BQL	380	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	380	ug/kg	U	1
Isophorone	BQL	380	ug/kg	U	1
Naphthalene	BQL	380	ug/kg	U	1
Nitrobenzene	BQL	380	ug/kg	U	1
Pentachlorophenol	BQL	760	ug/kg	U	1
Phenanthrene	BQL	380	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-1
GPL ID: 509111-001-044-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 04:19
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	380	ug/kg	U	1
Pyrene	BQL	380	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	380	ug/kg	U	1
di-n-Butyl Phthalate	BQL	380	ug/kg	U	1
di-n-Octyl Phthalate	BQL	380	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-045-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 20:52
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	380	ug/kg	U	1
2,4-Dichlorophenol	BQL	380	ug/kg	U	1
2,4-Dinitrophenol	BQL	760	ug/kg	U	1
2,6-Dinitrotoluene	BQL	380	ug/kg	U	1
2-Chlorophenol	BQL	380	ug/kg	U	1
2-Methylnaphthalene	BQL	380	ug/kg	U	1
2-Nitroaniline	BQL	380	ug/kg	U	1
2-Nitrophenol	BQL	380	ug/kg	U	1
2-methylphenol	BQL	380	ug/kg	U	1
3-Nitroaniline	BQL	380	ug/kg	U	1
4-Chloroaniline	BQL	380	ug/kg	U	1
4-Nitroaniline	BQL	380	ug/kg	U	1
4-Nitrophenol	BQL	760	ug/kg	U	1
4-chloro-3-methylphenol	BQL	380	ug/kg	U	1
4-methylphenol	BQL	380	ug/kg	U	1
Acenaphthene	BQL	380	ug/kg	U	1
Acenaphthylene	BQL	380	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	380	ug/kg	U	1
Anthracene	BQL	380	ug/kg	U	1
Benzo(a)anthracene	BQL	380	ug/kg	U	1
Benzo(a)pyrene	BQL	380	ug/kg	U	1
Benzo(b)fluoranthene	BQL	380	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	380	ug/kg	U	1
Benzo(k)fluoranthene	BQL	380	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	380	ug/kg	U	1
Chrysene	BQL	380	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	380	ug/kg	U	1
Dibenzofuran	BQL	380	ug/kg	U	1
Diethyl Phthalate	BQL	380	ug/kg	U	1
Dimethyl Phthalate	BQL	380	ug/kg	U	1
Fluoranthene	BQL	380	ug/kg	U	1
Fluorene	BQL	380	ug/kg	U	1
Hexachlorobenzene	BQL	380	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	380	ug/kg	U	1
Isophorone	BQL	380	ug/kg	U	1
Naphthalene	BQL	380	ug/kg	U	1
Nitrobenzene	BQL	380	ug/kg	U	1
Pentachlorophenol	BQL	760	ug/kg	U	1
Phenanthrene	BQL	380	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-2
GPL ID: 509111-002-045-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 20:52
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	380	ug/kg	U	1
Pyrene	BQL	380	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	380	ug/kg	U	1
di-n-Butyl Phthalate	BQL	380	ug/kg	U	1
di-n-Octyl Phthalate	BQL	380	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-046-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 21:32
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	460	ug/kg	U	1
2,4-Dichlorophenol	BQL	460	ug/kg	U	1
2,4-Dinitrophenol	BQL	910	ug/kg	U	1
2,6-Dinitrotoluene	BQL	460	ug/kg	U	1
2-Chlorophenol	BQL	460	ug/kg	U	1
2-Methylnaphthalene	BQL	460	ug/kg	U	1
2-Nitroaniline	BQL	460	ug/kg	U	1
2-Nitrophenol	BQL	460	ug/kg	U	1
2-methylphenol	BQL	460	ug/kg	U	1
3-Nitroaniline	BQL	460	ug/kg	U	1
4-Chloroaniline	BQL	460	ug/kg	U	1
4-Nitroaniline	BQL	460	ug/kg	U	1
4-Nitrophenol	BQL	910	ug/kg	U	1
4-chloro-3-methylphenol	BQL	460	ug/kg	U	1
4-methylphenol	BQL	460	ug/kg	U	1
Acenaphthene	BQL	460	ug/kg	U	1
Acenaphthylene	BQL	460	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	460	ug/kg	U	1
Anthracene	BQL	460	ug/kg	U	1
Benzo(a)anthracene	BQL	460	ug/kg	U	1
Benzo(a)pyrene	BQL	460	ug/kg	U	1
Benzo(b)fluoranthene	BQL	460	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	460	ug/kg	U	1
Benzo(k)fluoranthene	BQL	460	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	460	ug/kg	U	1
Chrysene	BQL	460	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	460	ug/kg	U	1
Dibenzofuran	BQL	460	ug/kg	U	1
Diethyl Phthalate	BQL	460	ug/kg	U	1
Dimethyl Phthalate	BQL	460	ug/kg	U	1
Fluoranthene	BQL	460	ug/kg	U	1
Fluorene	BQL	460	ug/kg	U	1
Hexachlorobenzene	BQL	460	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	460	ug/kg	U	1
Isophorone	BQL	460	ug/kg	U	1
Naphthalene	BQL	460	ug/kg	U	1
Nitrobenzene	BQL	460	ug/kg	U	1
Pentachlorophenol	BQL	910	ug/kg	U	1
Phenanthrene	BQL	460	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-3
GPL ID: 509111-003-046-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 21:32
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	460	ug/kg	U	1
Pyrene	BQL	460	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	460	ug/kg	U	1
di-n-Butyl Phthalate	BQL	460	ug/kg	U	1
di-n-Octyl Phthalate	BQL	460	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-047-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 05:00
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	390	ug/kg	U	1
2,4-Dichlorophenol	BQL	390	ug/kg	U	1
2,4-Dinitrophenol	BQL	780	ug/kg	U	1
2,6-Dinitrotoluene	BQL	390	ug/kg	U	1
2-Chlorophenol	BQL	390	ug/kg	U	1
2-Methylnaphthalene	BQL	390	ug/kg	U	1
2-Nitroaniline	BQL	390	ug/kg	U	1
2-Nitrophenol	BQL	390	ug/kg	U	1
2-methylphenol	BQL	390	ug/kg	U	1
3-Nitroaniline	BQL	390	ug/kg	U	1
4-Chloroaniline	BQL	390	ug/kg	U	1
4-Nitroaniline	BQL	390	ug/kg	U	1
4-Nitrophenol	BQL	780	ug/kg	U	1
4-chloro-3-methylphenol	BQL	390	ug/kg	U	1
4-methylphenol	BQL	390	ug/kg	U	1
Acenaphthene	BQL	390	ug/kg	U	1
Acenaphthylene	BQL	390	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	390	ug/kg	U	1
Anthracene	BQL	390	ug/kg	U	1
Benzo(a)anthracene	BQL	390	ug/kg	U	1
Benzo(a)pyrene	BQL	390	ug/kg	U	1
Benzo(b)fluoranthene	BQL	390	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	390	ug/kg	U	1
Benzo(k)fluoranthene	BQL	390	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	390	ug/kg	U	1
Chrysene	BQL	390	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	390	ug/kg	U	1
Dibenzofuran	BQL	390	ug/kg	U	1
Diethyl Phthalate	BQL	390	ug/kg	U	1
Dimethyl Phthalate	BQL	390	ug/kg	U	1
Fluoranthene	BQL	390	ug/kg	U	1
Fluorene	BQL	390	ug/kg	U	1
Hexachlorobenzene	BQL	390	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	390	ug/kg	U	1
Isophorone	BQL	390	ug/kg	U	1
Naphthalene	BQL	390	ug/kg	U	1
Nitrobenzene	BQL	390	ug/kg	U	1
Pentachlorophenol	BQL	780	ug/kg	U	1
Phenanthrene	BQL	390	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-4
GPL ID: 509111-004-047-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 05:00
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	390	ug/kg	U	1
Pyrene	BQL	390	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	390	ug/kg	U	1
di-n-Butyl Phthalate	BQL	390	ug/kg	U	1
di-n-Octyl Phthalate	BQL	390	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-048-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 03:39
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	370	ug/kg	U	1
2,4-Dichlorophenol	BQL	370	ug/kg	U	1
2,4-Dinitrophenol	BQL	750	ug/kg	U	1
2,6-Dinitrotoluene	BQL	370	ug/kg	U	1
2-Chlorophenol	BQL	370	ug/kg	U	1
2-Methylnaphthalene	BQL	370	ug/kg	U	1
2-Nitroaniline	BQL	370	ug/kg	U	1
2-Nitrophenol	BQL	370	ug/kg	U	1
2-methylphenol	BQL	370	ug/kg	U	1
3-Nitroaniline	BQL	370	ug/kg	U	1
4-Chloroaniline	BQL	370	ug/kg	U	1
4-Nitroaniline	BQL	370	ug/kg	U	1
4-Nitrophenol	BQL	750	ug/kg	U	1
4-chloro-3-methylphenol	BQL	370	ug/kg	U	1
4-methylphenol	BQL	370	ug/kg	U	1
Acenaphthene	BQL	370	ug/kg	U	1
Acenaphthylene	BQL	370	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	370	ug/kg	U	1
Anthracene	BQL	370	ug/kg	U	1
Benzo(a)anthracene	BQL	370	ug/kg	U	1
Benzo(a)pyrene	BQL	370	ug/kg	U	1
Benzo(b)fluoranthene	BQL	370	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	370	ug/kg	U	1
Benzo(k)fluoranthene	BQL	370	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	370	ug/kg	U	1
Chrysene	BQL	370	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	370	ug/kg	U	1
Dibenzofuran	BQL	370	ug/kg	U	1
Diethyl Phthalate	BQL	370	ug/kg	U	1
Dimethyl Phthalate	BQL	370	ug/kg	U	1
Fluoranthene	BQL	370	ug/kg	U	1
Fluorene	BQL	370	ug/kg	U	1
Hexachlorobenzene	BQL	370	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	370	ug/kg	U	1
Isophorone	BQL	370	ug/kg	U	1
Naphthalene	BQL	370	ug/kg	U	1
Nitrobenzene	BQL	370	ug/kg	U	1
Pentachlorophenol	BQL	750	ug/kg	U	1
Phenanthrene	BQL	370	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5
GPL ID: 509111-005-048-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 03:39
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	370	ug/kg	U	1
Pyrene	BQL	370	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	370	ug/kg	U	1
di-n-Butyl Phthalate	BQL	370	ug/kg	U	1
di-n-Octyl Phthalate	BQL	370	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5DL
GPL ID: 509111-005-048-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 10/05/2005
Time Analyzed: 21:00
Analysis Batch: 80821

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	4000	ug/kg	U	10
2,4-Dichlorophenol	BQL	4000	ug/kg	U	10
2,4-Dinitrophenol	BQL	8100	ug/kg	U	10
2,6-Dinitrotoluene	BQL	4000	ug/kg	U	10
2-Chlorophenol	BQL	4000	ug/kg	U	10
2-Methylnaphthalene	BQL	4000	ug/kg	U	10
2-Nitroaniline	BQL	4000	ug/kg	U	10
2-Nitrophenol	BQL	4000	ug/kg	U	10
2-methylphenol	BQL	4000	ug/kg	U	10
3-Nitroaniline	BQL	4000	ug/kg	U	10
4-Chloroaniline	BQL	4000	ug/kg	U	10
4-Nitroaniline	BQL	4000	ug/kg	U	10
4-Nitrophenol	BQL	8100	ug/kg	U	10
4-chloro-3-methylphenol	BQL	4000	ug/kg	U	10
4-methylphenol	BQL	4000	ug/kg	U	10
Acenaphthene	BQL	4000	ug/kg	U	10
Acenaphthylene	BQL	4000	ug/kg	U	10
Aniline (Phenylamine, Aminobenzene)	BQL	4000	ug/kg	U	10
Anthracene	BQL	4000	ug/kg	U	10
Benzo(a)anthracene	BQL	4000	ug/kg	U	10
Benzo(a)pyrene	BQL	4000	ug/kg	U	10
Benzo(b)fluoranthene	BQL	4000	ug/kg	U	10
Benzo(g,h,i)perylene	BQL	4000	ug/kg	U	10
Benzo(k)fluoranthene	BQL	4000	ug/kg	U	10
Benzyl Butyl Phthalate	BQL	4000	ug/kg	U	10
Chrysene	BQL	4000	ug/kg	U	10
Dibenz(a,h)Anthracene	BQL	4000	ug/kg	U	10
Dibenzofuran	BQL	4000	ug/kg	U	10
Diethyl Phthalate	BQL	4000	ug/kg	U	10
Dimethyl Phthalate	BQL	4000	ug/kg	U	10
Fluoranthene	BQL	4000	ug/kg	U	10
Fluorene	BQL	4000	ug/kg	U	10
Hexachlorobenzene	BQL	4000	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	BQL	4000	ug/kg	U	10
Isophorone	BQL	4000	ug/kg	U	10
Naphthalene	BQL	4000	ug/kg	U	10
Nitrobenzene	BQL	4000	ug/kg	U	10
Pentachlorophenol	BQL	8100	ug/kg	U	10
Phenanthrene	BQL	4000	ug/kg	U	10

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-5DL
GPL ID: 509111-005-048-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 10/05/2005
Time Analyzed: 21:00
Analysis Batch: 80821

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	4000	ug/kg	U	10
Pyrene	BQL	4000	ug/kg	U	10
bis(2-ethylhexyl) phthalate	BQL	4000	ug/kg	U	10
di-n-Butyl Phthalate	BQL	4000	ug/kg	U	10
di-n-Octyl Phthalate	BQL	4000	ug/kg	U	10

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-049-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 02:58
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	400	ug/kg	U	1
2,4-Dichlorophenol	BQL	400	ug/kg	U	1
2,4-Dinitrophenol	BQL	790	ug/kg	U	1
2,6-Dinitrotoluene	BQL	400	ug/kg	U	1
2-Chlorophenol	BQL	400	ug/kg	U	1
2-Methylnaphthalene	BQL	400	ug/kg	U	1
2-Nitroaniline	BQL	400	ug/kg	U	1
2-Nitrophenol	BQL	400	ug/kg	U	1
2-methylphenol	BQL	400	ug/kg	U	1
3-Nitroaniline	BQL	400	ug/kg	U	1
4-Chloroaniline	BQL	400	ug/kg	U	1
4-Nitroaniline	BQL	400	ug/kg	U	1
4-Nitrophenol	BQL	790	ug/kg	U	1
4-chloro-3-methylphenol	BQL	400	ug/kg	U	1
4-methylphenol	BQL	400	ug/kg	U	1
Acenaphthene	BQL	400	ug/kg	U	1
Acenaphthylene	BQL	400	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	400	ug/kg	U	1
Anthracene	BQL	400	ug/kg	U	1
Benzo(a)anthracene	BQL	400	ug/kg	U	1
Benzo(a)pyrene	BQL	400	ug/kg	U	1
Benzo(b)fluoranthene	BQL	400	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	400	ug/kg	U	1
Benzo(k)fluoranthene	BQL	400	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	400	ug/kg	U	1
Chrysene	BQL	400	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	400	ug/kg	U	1
Dibenzofuran	BQL	400	ug/kg	U	1
Diethyl Phthalate	BQL	400	ug/kg	U	1
Dimethyl Phthalate	BQL	400	ug/kg	U	1
Fluoranthene	BQL	400	ug/kg	U	1
Fluorene	BQL	400	ug/kg	U	1
Hexachlorobenzene	BQL	400	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	400	ug/kg	U	1
Isophorone	BQL	400	ug/kg	U	1
Naphthalene	BQL	400	ug/kg	U	1
Nitrobenzene	BQL	400	ug/kg	U	1
Pentachlorophenol	BQL	790	ug/kg	U	1
Phenanthrene	BQL	400	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-6
GPL ID: 509111-006-049-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 02:58
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	400	ug/kg	U	1
Pyrene	BQL	400	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	400	ug/kg	U	1
di-n-Butyl Phthalate	BQL	400	ug/kg	U	1
di-n-Octyl Phthalate	BQL	400	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-050-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 01:37
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	390	ug/kg	U	1
2,4-Dichlorophenol	BQL	390	ug/kg	U	1
2,4-Dinitrophenol	BQL	780	ug/kg	U	1
2,6-Dinitrotoluene	BQL	390	ug/kg	U	1
2-Chlorophenol	BQL	390	ug/kg	U	1
2-Methylnaphthalene	BQL	390	ug/kg	U	1
2-Nitroaniline	BQL	390	ug/kg	U	1
2-Nitrophenol	BQL	390	ug/kg	U	1
2-methylphenol	BQL	390	ug/kg	U	1
3-Nitroaniline	BQL	390	ug/kg	U	1
4-Chloroaniline	BQL	390	ug/kg	U	1
4-Nitroaniline	BQL	390	ug/kg	U	1
4-Nitrophenol	BQL	780	ug/kg	U	1
4-chloro-3-methylphenol	BQL	390	ug/kg	U	1
4-methylphenol	BQL	390	ug/kg	U	1
Acenaphthene	BQL	390	ug/kg	U	1
Acenaphthylene	BQL	390	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	390	ug/kg	U	1
Anthracene	BQL	390	ug/kg	U	1
Benzo(a)anthracene	BQL	390	ug/kg	U	1
Benzo(a)pyrene	BQL	390	ug/kg	U	1
Benzo(b)fluoranthene	BQL	390	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	390	ug/kg	U	1
Benzo(k)fluoranthene	BQL	390	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	390	ug/kg	U	1
Chrysene	BQL	390	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	390	ug/kg	U	1
Dibenzofuran	BQL	390	ug/kg	U	1
Diethyl Phthalate	BQL	390	ug/kg	U	1
Dimethyl Phthalate	BQL	390	ug/kg	U	1
Fluoranthene	BQL	390	ug/kg	U	1
Fluorene	BQL	390	ug/kg	U	1
Hexachlorobenzene	BQL	390	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	390	ug/kg	U	1
Isophorone	BQL	390	ug/kg	U	1
Naphthalene	BQL	390	ug/kg	U	1
Nitrobenzene	BQL	390	ug/kg	U	1
Pentachlorophenol	BQL	780	ug/kg	U	1
Phenanthrene	BQL	390	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-7
GPL ID: 509111-007-050-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 01:37
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	390	ug/kg	U	1
Pyrene	BQL	390	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	390	ug/kg	U	1
di-n-Butyl Phthalate	BQL	390	ug/kg	U	1
di-n-Octyl Phthalate	BQL	390	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-051-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 22:13
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	370	ug/kg	U	1
2,4-Dichlorophenol	BQL	370	ug/kg	U	1
2,4-Dinitrophenol	BQL	750	ug/kg	U	1
2,6-Dinitrotoluene	BQL	370	ug/kg	U	1
2-Chlorophenol	BQL	370	ug/kg	U	1
2-Methylnaphthalene	BQL	370	ug/kg	U	1
2-Nitroaniline	BQL	370	ug/kg	U	1
2-Nitrophenol	BQL	370	ug/kg	U	1
2-methylphenol	BQL	370	ug/kg	U	1
3-Nitroaniline	BQL	370	ug/kg	U	1
4-Chloroaniline	BQL	370	ug/kg	U	1
4-Nitroaniline	BQL	370	ug/kg	U	1
4-Nitrophenol	BQL	750	ug/kg	U	1
4-chloro-3-methylphenol	BQL	370	ug/kg	U	1
4-methylphenol	BQL	370	ug/kg	U	1
Acenaphthene	BQL	370	ug/kg	U	1
Acenaphthylene	BQL	370	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	370	ug/kg	U	1
Anthracene	BQL	370	ug/kg	U	1
Benzo(a)anthracene	BQL	370	ug/kg	U	1
Benzo(a)pyrene	BQL	370	ug/kg	U	1
Benzo(b)fluoranthene	BQL	370	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	370	ug/kg	U	1
Benzo(k)fluoranthene	BQL	370	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	370	ug/kg	U	1
Chrysene	BQL	370	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	370	ug/kg	U	1
Dibenzofuran	BQL	370	ug/kg	U	1
Diethyl Phthalate	BQL	370	ug/kg	U	1
Dimethyl Phthalate	BQL	370	ug/kg	U	1
Fluoranthene	BQL	370	ug/kg	U	1
Fluorene	BQL	370	ug/kg	U	1
Hexachlorobenzene	BQL	370	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	370	ug/kg	U	1
Isophorone	BQL	370	ug/kg	U	1
Naphthalene	BQL	370	ug/kg	U	1
Nitrobenzene	BQL	370	ug/kg	U	1
Pentachlorophenol	BQL	750	ug/kg	U	1
Phenanthrene	BQL	370	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-8
GPL ID: 509111-008-051-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 22:13
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	370	ug/kg	U	1
Pyrene	BQL	370	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	370	ug/kg	U	1
di-n-Butyl Phthalate	BQL	370	ug/kg	U	1
di-n-Octyl Phthalate	BQL	370	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-052-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 22:54
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	410	ug/kg	U	1
2,4-Dichlorophenol	BQL	410	ug/kg	U	1
2,4-Dinitrophenol	BQL	820	ug/kg	U	1
2,6-Dinitrotoluene	BQL	410	ug/kg	U	1
2-Chlorophenol	BQL	410	ug/kg	U	1
2-Methylnaphthalene	BQL	410	ug/kg	U	1
2-Nitroaniline	BQL	410	ug/kg	U	1
2-Nitrophenol	BQL	410	ug/kg	U	1
2-methylphenol	BQL	410	ug/kg	U	1
3-Nitroaniline	BQL	410	ug/kg	U	1
4-Chloroaniline	BQL	410	ug/kg	U	1
4-Nitroaniline	BQL	410	ug/kg	U	1
4-Nitrophenol	BQL	820	ug/kg	U	1
4-chloro-3-methylphenol	BQL	410	ug/kg	U	1
4-methylphenol	BQL	410	ug/kg	U	1
Acenaphthene	BQL	410	ug/kg	U	1
Acenaphthylene	BQL	410	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	410	ug/kg	U	1
Anthracene	BQL	410	ug/kg	U	1
Benzo(a)anthracene	BQL	410	ug/kg	U	1
Benzo(a)pyrene	BQL	410	ug/kg	U	1
Benzo(b)fluoranthene	BQL	410	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	410	ug/kg	U	1
Benzo(k)fluoranthene	BQL	410	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	410	ug/kg	U	1
Chrysene	BQL	410	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	410	ug/kg	U	1
Dibenzofuran	BQL	410	ug/kg	U	1
Diethyl Phthalate	BQL	410	ug/kg	U	1
Dimethyl Phthalate	BQL	410	ug/kg	U	1
Fluoranthene	BQL	410	ug/kg	U	1
Fluorene	BQL	410	ug/kg	U	1
Hexachlorobenzene	BQL	410	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	410	ug/kg	U	1
Isophorone	BQL	410	ug/kg	U	1
Naphthalene	BQL	410	ug/kg	U	1
Nitrobenzene	BQL	410	ug/kg	U	1
Pentachlorophenol	BQL	820	ug/kg	U	1
Phenanthrene	BQL	410	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-9
GPL ID: 509111-009-052-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 22:54
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	410	ug/kg	U	1
Pyrene	BQL	410	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	410	ug/kg	U	1
di-n-Butyl Phthalate	BQL	410	ug/kg	U	1
di-n-Octyl Phthalate	BQL	410	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-053-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 02:17
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	400	ug/kg	U	1
2,4-Dichlorophenol	BQL	400	ug/kg	U	1
2,4-Dinitrophenol	BQL	800	ug/kg	U	1
2,6-Dinitrotoluene	BQL	400	ug/kg	U	1
2-Chlorophenol	BQL	400	ug/kg	U	1
2-Methylnaphthalene	BQL	400	ug/kg	U	1
2-Nitroaniline	BQL	400	ug/kg	U	1
2-Nitrophenol	BQL	400	ug/kg	U	1
2-methylphenol	BQL	400	ug/kg	U	1
3-Nitroaniline	BQL	400	ug/kg	U	1
4-Chloroaniline	BQL	400	ug/kg	U	1
4-Nitroaniline	BQL	400	ug/kg	U	1
4-Nitrophenol	BQL	800	ug/kg	U	1
4-chloro-3-methylphenol	BQL	400	ug/kg	U	1
4-methylphenol	BQL	400	ug/kg	U	1
Acenaphthene	BQL	400	ug/kg	U	1
Acenaphthylene	BQL	400	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	400	ug/kg	U	1
Anthracene	BQL	400	ug/kg	U	1
Benzo(a)anthracene	BQL	400	ug/kg	U	1
Benzo(a)pyrene	BQL	400	ug/kg	U	1
Benzo(b)fluoranthene	BQL	400	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	400	ug/kg	U	1
Benzo(k)fluoranthene	BQL	400	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	400	ug/kg	U	1
Chrysene	BQL	400	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	400	ug/kg	U	1
Dibenzofuran	BQL	400	ug/kg	U	1
Diethyl Phthalate	BQL	400	ug/kg	U	1
Dimethyl Phthalate	BQL	400	ug/kg	U	1
Fluoranthene	BQL	400	ug/kg	U	1
Fluorene	BQL	400	ug/kg	U	1
Hexachlorobenzene	BQL	400	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	400	ug/kg	U	1
Isophorone	BQL	400	ug/kg	U	1
Naphthalene	BQL	400	ug/kg	U	1
Nitrobenzene	BQL	400	ug/kg	U	1
Pentachlorophenol	BQL	800	ug/kg	U	1
Phenanthrene	BQL	400	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-10
GPL ID: 509111-010-053-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 02:17
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	400	ug/kg	U	1
Pyrene	BQL	400	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	400	ug/kg	U	1
di-n-Butyl Phthalate	BQL	400	ug/kg	U	1
di-n-Octyl Phthalate	BQL	400	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-054-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 23:34
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	410	ug/kg	U	1
2,4-Dichlorophenol	BQL	410	ug/kg	U	1
2,4-Dinitrophenol	BQL	810	ug/kg	U	1
2,6-Dinitrotoluene	BQL	410	ug/kg	U	1
2-Chlorophenol	BQL	410	ug/kg	U	1
2-Methylnaphthalene	BQL	410	ug/kg	U	1
2-Nitroaniline	BQL	410	ug/kg	U	1
2-Nitrophenol	BQL	410	ug/kg	U	1
2-methylphenol	BQL	410	ug/kg	U	1
3-Nitroaniline	BQL	410	ug/kg	U	1
4-Chloroaniline	BQL	410	ug/kg	U	1
4-Nitroaniline	BQL	410	ug/kg	U	1
4-Nitrophenol	BQL	810	ug/kg	U	1
4-chloro-3-methylphenol	BQL	410	ug/kg	U	1
4-methylphenol	BQL	410	ug/kg	U	1
Acenaphthene	BQL	410	ug/kg	U	1
Acenaphthylene	BQL	410	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	410	ug/kg	U	1
Anthracene	BQL	410	ug/kg	U	1
Benzo(a)anthracene	BQL	410	ug/kg	U	1
Benzo(a)pyrene	BQL	410	ug/kg	U	1
Benzo(b)fluoranthene	BQL	410	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	410	ug/kg	U	1
Benzo(k)fluoranthene	BQL	410	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	410	ug/kg	U	1
Chrysene	BQL	410	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	410	ug/kg	U	1
Dibenzofuran	BQL	410	ug/kg	U	1
Diethyl Phthalate	BQL	410	ug/kg	U	1
Dimethyl Phthalate	BQL	410	ug/kg	U	1
Fluoranthene	BQL	410	ug/kg	U	1
Fluorene	BQL	410	ug/kg	U	1
Hexachlorobenzene	BQL	410	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	410	ug/kg	U	1
Isophorone	BQL	410	ug/kg	U	1
Naphthalene	BQL	410	ug/kg	U	1
Nitrobenzene	BQL	410	ug/kg	U	1
Pentachlorophenol	BQL	810	ug/kg	U	1
Phenanthrene	BQL	410	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-11
GPL ID: 509111-011-054-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 23:34
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	410	ug/kg	U	1
Pyrene	BQL	410	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	410	ug/kg	U	1
di-n-Butyl Phthalate	BQL	410	ug/kg	U	1
di-n-Octyl Phthalate	BQL	410	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-055-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 10/04/2005
Time Analyzed: 19:54
Analysis Batch: 80820

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	400	ug/kg	U	1
2,4-Dichlorophenol	BQL	400	ug/kg	U	1
2,4-Dinitrophenol	BQL	790	ug/kg	U	1
2,6-Dinitrotoluene	BQL	400	ug/kg	U	1
2-Chlorophenol	BQL	400	ug/kg	U	1
2-Methylnaphthalene	BQL	400	ug/kg	U	1
2-Nitroaniline	BQL	400	ug/kg	U	1
2-Nitrophenol	BQL	400	ug/kg	U	1
2-methylphenol	BQL	400	ug/kg	U	1
3-Nitroaniline	BQL	400	ug/kg	U	1
4-Chloroaniline	BQL	400	ug/kg	U	1
4-Nitroaniline	BQL	400	ug/kg	U	1
4-Nitrophenol	BQL	790	ug/kg	U	1
4-chloro-3-methylphenol	BQL	400	ug/kg	U	1
4-methylphenol	BQL	400	ug/kg	U	1
Acenaphthene	BQL	400	ug/kg	U	1
Acenaphthylene	BQL	400	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	400	ug/kg	U	1
Anthracene	BQL	400	ug/kg	U	1
Benzo(a)anthracene	BQL	400	ug/kg	U	1
Benzo(a)pyrene	BQL	400	ug/kg	U	1
Benzo(b)fluoranthene	BQL	400	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	400	ug/kg	U	1
Benzo(k)fluoranthene	BQL	400	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	400	ug/kg	U	1
Chrysene	BQL	400	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	400	ug/kg	U	1
Dibenzofuran	BQL	400	ug/kg	U	1
Diethyl Phthalate	BQL	400	ug/kg	U	1
Dimethyl Phthalate	BQL	400	ug/kg	U	1
Fluoranthene	BQL	400	ug/kg	U	1
Fluorene	BQL	400	ug/kg	U	1
Hexachlorobenzene	BQL	400	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	400	ug/kg	U	1
Isophorone	BQL	400	ug/kg	U	1
Naphthalene	BQL	400	ug/kg	U	1
Nitrobenzene	BQL	400	ug/kg	U	1
Pentachlorophenol	BQL	790	ug/kg	U	1
Phenanthrene	BQL	400	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-12
GPL ID: 509111-012-055-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 10/04/2005
Time Analyzed: 19:54
Analysis Batch: 80820

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	400	ug/kg	U	1
Pyrene	BQL	400	ug/kg	U	1
bis(2-ethylhexyl) phthalate	BQL	400	ug/kg	U	1
di-n-Butyl Phthalate	BQL	400	ug/kg	U	1
di-n-Octyl Phthalate	BQL	400	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-056-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 00:56
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	390	ug/kg	U	1
2,4-Dichlorophenol	BQL	390	ug/kg	U	1
2,4-Dinitrophenol	BQL	780	ug/kg	U	1
2,6-Dinitrotoluene	BQL	390	ug/kg	U	1
2-Chlorophenol	BQL	390	ug/kg	U	1
2-Methylnaphthalene	BQL	390	ug/kg	U	1
2-Nitroaniline	BQL	390	ug/kg	U	1
2-Nitrophenol	BQL	390	ug/kg	U	1
2-methylphenol	BQL	390	ug/kg	U	1
3-Nitroaniline	BQL	390	ug/kg	U	1
4-Chloroaniline	BQL	390	ug/kg	U	1
4-Nitroaniline	BQL	390	ug/kg	U	1
4-Nitrophenol	BQL	780	ug/kg	U	1
4-chloro-3-methylphenol	BQL	390	ug/kg	U	1
4-methylphenol	BQL	390	ug/kg	U	1
Acenaphthene	BQL	390	ug/kg	U	1
Acenaphthylene	BQL	390	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	390	ug/kg	U	1
Anthracene	BQL	390	ug/kg	U	1
Benzo(a)anthracene	BQL	390	ug/kg	U	1
Benzo(a)pyrene	BQL	390	ug/kg	U	1
Benzo(b)fluoranthene	BQL	390	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	390	ug/kg	U	1
Benzo(k)fluoranthene	BQL	390	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	390	ug/kg	U	1
Chrysene	BQL	390	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	390	ug/kg	U	1
Dibenzofuran	BQL	390	ug/kg	U	1
Diethyl Phthalate	BQL	390	ug/kg	U	1
Dimethyl Phthalate	BQL	390	ug/kg	U	1
Fluoranthene	BQL	390	ug/kg	U	1
Fluorene	BQL	390	ug/kg	U	1
Hexachlorobenzene	BQL	390	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	390	ug/kg	U	1
Isophorone	BQL	390	ug/kg	U	1
Naphthalene	BQL	390	ug/kg	U	1
Nitrobenzene	BQL	390	ug/kg	U	1
Pentachlorophenol	BQL	780	ug/kg	U	1
Phenanthrene	BQL	390	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-13
GPL ID: 509111-013-056-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/29/2005
Time Analyzed: 00:56
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	390	ug/kg	U	1
Pyrene	BQL	390	ug/kg	U	1
bis(2-ethylhexyl) phthalate	220	390	ug/kg	J	1
di-n-Butyl Phthalate	BQL	390	ug/kg	U	1
di-n-Octyl Phthalate	BQL	390	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-057-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 18:50
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-Trichlorophenol	BQL	400	ug/kg	U	1
2,4-Dichlorophenol	BQL	400	ug/kg	U	1
2,4-Dinitrophenol	BQL	790	ug/kg	U	1
2,6-Dinitrotoluene	BQL	400	ug/kg	U	1
2-Chlorophenol	BQL	400	ug/kg	U	1
2-Methylnaphthalene	BQL	400	ug/kg	U	1
2-Nitroaniline	BQL	400	ug/kg	U	1
2-Nitrophenol	BQL	400	ug/kg	U	1
2-methylphenol	BQL	400	ug/kg	U	1
3-Nitroaniline	BQL	400	ug/kg	U	1
4-Chloroaniline	BQL	400	ug/kg	U	1
4-Nitroaniline	BQL	400	ug/kg	U	1
4-Nitrophenol	BQL	790	ug/kg	U	1
4-chloro-3-methylphenol	BQL	400	ug/kg	U	1
4-methylphenol	BQL	400	ug/kg	U	1
Acenaphthene	BQL	400	ug/kg	U	1
Acenaphthylene	BQL	400	ug/kg	U	1
Aniline (Phenylamine, Aminobenzene)	BQL	400	ug/kg	U	1
Anthracene	BQL	400	ug/kg	U	1
Benzo(a)anthracene	BQL	400	ug/kg	U	1
Benzo(a)pyrene	BQL	400	ug/kg	U	1
Benzo(b)fluoranthene	BQL	400	ug/kg	U	1
Benzo(g,h,i)perylene	BQL	400	ug/kg	U	1
Benzo(k)fluoranthene	BQL	400	ug/kg	U	1
Benzyl Butyl Phthalate	BQL	400	ug/kg	U	1
Chrysene	BQL	400	ug/kg	U	1
Dibenz(a,h)Anthracene	BQL	400	ug/kg	U	1
Dibenzofuran	BQL	400	ug/kg	U	1
Diethyl Phthalate	BQL	400	ug/kg	U	1
Dimethyl Phthalate	BQL	400	ug/kg	U	1
Fluoranthene	BQL	400	ug/kg	U	1
Fluorene	BQL	400	ug/kg	U	1
Hexachlorobenzene	BQL	400	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	BQL	400	ug/kg	U	1
Isophorone	BQL	400	ug/kg	U	1
Naphthalene	BQL	400	ug/kg	U	1
Nitrobenzene	BQL	400	ug/kg	U	1
Pentachlorophenol	BQL	790	ug/kg	U	1
Phenanthrene	BQL	400	ug/kg	U	1

GPL LABORATORIES, LLLP

Summary of Analytical Results

Client ID: EX-F-DUP
GPL ID: 509111-014-057-1/1
Matrix: SOIL
Date Collected: 09/23/2005
Date Received: 09/24/2005

Prep Method: SW3550
Prep Date: 09/24/2005
Prep Time: 10:52
Prep Batch: 77674

Analytical Method: SW8270C
Date Analyzed: 09/28/2005
Time Analyzed: 18:50
Analysis Batch: 80480

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Phenol	BQL	400	ug/kg	U	1
Pyrene	BQL	400	ug/kg	U	1
bis(2-ethylhexyl) phthalate	410	400	ug/kg		1
di-n-Butyl Phthalate	BQL	400	ug/kg	U	1
di-n-Octyl Phthalate	BQL	400	ug/kg	U	1

GPL LABORATORIES, LLP
ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed October 12, 2005

GPL ID	Client ID
509111-001-001-1/3	EX-F-1
509111-001-044-1/1	EX-F-1
509111-001-058-1/1	EX-F-1
509111-001-072-1/1	EX-F-1
509111-001-086-1/1	EX-F-1
509111-010-028-1/3	EX-F-10
509111-010-053-1/1	EX-F-10
509111-010-067-1/1	EX-F-10
509111-010-081-1/1	EX-F-10
509111-010-095-1/1	EX-F-10
509111-010-029-2/3RE	EX-F-10RE
509111-011-031-1/3	EX-F-11
509111-011-054-1/1	EX-F-11
509111-011-068-1/1	EX-F-11
509111-011-082-1/1	EX-F-11
509111-011-096-1/1	EX-F-11
509111-011-032-2/3RE	EX-F-11RE
509111-012-034-1/3	EX-F-12
509111-012-055-1/1	EX-F-12
509111-012-069-1/1	EX-F-12
509111-012-083-1/1	EX-F-12
509111-012-097-1/1	EX-F-12
509111-012-035-2/3RE	EX-F-12RE
509111-013-037-1/3	EX-F-13
509111-013-056-1/1	EX-F-13
509111-013-070-1/1	EX-F-13
509111-013-084-1/1	EX-F-13
509111-013-098-1/1	EX-F-13
509111-013-038-2/3RE	EX-F-13RE
509111-001-002-2/3RE	EX-F-1RE
509111-002-004-1/3	EX-F-2
509111-002-045-1/1	EX-F-2
509111-002-059-1/1	EX-F-2
509111-002-073-1/1	EX-F-2
509111-002-087-1/1	EX-F-2
509111-002-005-2/3RE	EX-F-2RE
509111-003-007-1/3	EX-F-3
509111-003-046-1/1	EX-F-3
509111-003-060-1/1	EX-F-3
509111-003-074-1/1	EX-F-3
509111-003-088-1/1	EX-F-3
509111-003-008-2/3RE	EX-F-3RE
509111-004-010-1/3	EX-F-4
509111-004-047-1/1	EX-F-4
509111-004-061-1/1	EX-F-4
509111-004-075-1/1	EX-F-4
509111-004-089-1/1	EX-F-4

GPL LABORATORIES, LLP
ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed October 12, 2005

GPL ID	Client ID
509111-004-011-2/3RE	EX-F-4RE
509111-005-013-1/3	EX-F-5
509111-005-048-1/1	EX-F-5
509111-005-062-1/1	EX-F-5
509111-005-076-1/1	EX-F-5
509111-005-090-1/1	EX-F-5
509111-005-062-1/1	EX-F-5 DL
509111-005-048-1/1	EX-F-5DL
509111-005-014-2/3RE	EX-F-5RE
509111-006-016-1/3	EX-F-6
509111-006-049-1/1	EX-F-6
509111-006-063-1/1	EX-F-6
509111-006-077-1/1	EX-F-6
509111-006-091-1/1	EX-F-6
509111-006-017-2/3RE	EX-F-6RE
509111-007-019-1/3	EX-F-7
509111-007-050-1/1	EX-F-7
509111-007-064-1/1	EX-F-7
509111-007-078-1/1	EX-F-7
509111-007-092-1/1	EX-F-7
509111-007-020-2/3RE	EX-F-7RE
509111-008-022-1/3	EX-F-8
509111-008-051-1/1	EX-F-8
509111-008-065-1/1	EX-F-8
509111-008-079-1/1	EX-F-8
509111-008-093-1/1	EX-F-8
509111-008-023-2/3RE	EX-F-8RE
509111-009-025-1/3	EX-F-9
509111-009-052-1/1	EX-F-9
509111-009-066-1/1	EX-F-9
509111-009-080-1/1	EX-F-9
509111-009-094-1/1	EX-F-9
509111-009-026-2/3RE	EX-F-9RE
509111-014-040-1/3	EX-F-DUP
509111-014-057-1/1	EX-F-DUP
509111-014-071-1/1	EX-F-DUP
509111-014-085-1/1	EX-F-DUP
509111-014-099-1/1	EX-F-DUP
509111-014-041-2/3RE	EX-F-DUPRE
509111-015-043-1/1	TRIP BLANK
509111-015-043-1/1RE	TRIP BLANK RE

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	09/29/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-509146

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [14] soil samples collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-C-1, EX-C-2, EX-C-3, EX-C-4, EX-C-5, EX-C-6, EX-C-7, EX-C-8, EX-C-9, EX-C-10, EX-C-11, EX-C-12, EX-C-13, and EX-C-DUP	09/28/2005 (all)	SOIL	VOC – SW-8260B SVOC – SW-8270C PCB – SW-8082 HERB – SW-8151A PEST – SW-8081A METALS – SW-6010B

All sample analyses were performed within the required holding times. All samples were received at the laboratory intact. There were 3 coolers submitted with chain-of-custody forms and were received each having a temperature of 2°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

Volatile Analysis in Soil by SW-5035A/8260B

The laboratory placed all submitted samples on ice within the required 48-hours of sample collection. All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes with the exception of the LCS analyzed 10/02/05 on GC MS-S which yielded Vinyl chloride recovery result above the upper advisory limit. No results were reported associated with this LCS analyzed on 10/02/05. No qualification necessary.

Alternate Source Calibration: The ASCs were within the acceptable percent difference for the target analytes.

Continuing Calibration: The continuing calibrations were within the acceptable percent difference for the target analytes with the exception of Acetone at 92 percent. The response was nearly double. Results for Acetone will be qualified as estimated for the associated samples.

ISTD: The ISTD areas were outside the acceptance criteria when compared to the Initial Calibration areas for all samples. All samples were re-analyzed. Re-analysis confirms matrix interferences present in the sample as the ISTD areas were similar to the first analysis and visual review the chromatograms explicitly shows matrix interferences. All results are considered estimated values.

Surrogates: Several surrogates were outside acceptance criteria. As indicated above, matrix interference was confirmed by re-analysis. All results are considered estimated values.

Semi-Volatile Analysis in Soil by SW-3550B/8270C

All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within project acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifies proper instrument control.

MS/MSD: The MS/MSD recoveries are within laboratory acceptance criteria for target analytes. This is indicative of acceptable matrix accuracy and precision.

ISTD: All ISTD recoveries are within control limits.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Herbicide Analysis in Soil by SW8151A

Analytical Report For 509146

for

Shaw E&I, Inc

Project Manager: Guy Gallello

Project Name : SAD-AOC2

October 5, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

Summary of Analytical Results

Client ID: EX-C-1
GPL ID: 509146-001-057-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/04/2005
Time Analyzed: 23:00
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18300	18.8	mg/kg		1
Antimony	BQL	1.9	mg/kg	UN	1
Arsenic	9.0	1.9	mg/kg		1
Barium	97.4	.47	mg/kg	N	1
Beryllium	0.95	.19	mg/kg		1
Cadmium	0.34	.57	mg/kg	J	1
Calcium	6970	94.2	mg/kg		1
Chromium	29.0	.47	mg/kg		1
Cobalt	16.1	.47	mg/kg		1
Copper	42.8	.94	mg/kg		1
Iron	37400	14.1	mg/kg		1
Lead	64.5	.94	mg/kg		1
Magnesium	7380	23.5	mg/kg		1
Manganese	641	.47	mg/kg		1
Nickel	37.8	.94	mg/kg		1
Potassium	2330	23.5	mg/kg	N	1
Selenium	0.87	1.9	mg/kg	J	1
Silver	BQL	.47	mg/kg	U	1
Thallium	BQL	2.8	mg/kg	U	1
Vanadium	31.9	.94	mg/kg	N	1
Zinc	96.8	1.9	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-2
GPL ID: 509146-002-058-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/04/2005
Time Analyzed: 23:43
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18000	16.2	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	10.4	1.6	mg/kg		1
Barium	150	.4	mg/kg	N	1
Beryllium	0.83	.16	mg/kg		1
Cadmium	0.60	.49	mg/kg		1
Calcium	24800	80.9	mg/kg		1
Chromium	172	.4	mg/kg		1
Cobalt	15.4	.4	mg/kg		1
Copper	48.9	.81	mg/kg		1
Iron	44200	12.1	mg/kg		1
Lead	960	.81	mg/kg		1
Magnesium	7860	20.2	mg/kg		1
Manganese	590	.4	mg/kg		1
Nickel	37.3	.81	mg/kg		1
Potassium	2670	20.2	mg/kg	N	1
Selenium	0.99	1.6	mg/kg	J	1
Silver	BQL	.4	mg/kg	U	1
Thallium	BQL	2.4	mg/kg	U	1
Vanadium	29.3	.81	mg/kg	N	1
Zinc	81.4	1.6	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-3
GPL ID: 509146-003-059-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 00:18
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18200	18.1	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	7.6	1.8	mg/kg		1
Barium	75.5	.45	mg/kg	N	1
Beryllium	0.79	.18	mg/kg		1
Cadmium	0.36	.54	mg/kg	J	1
Calcium	1560	90.3	mg/kg		1
Chromium	22.6	.45	mg/kg		1
Cobalt	12.6	.45	mg/kg		1
Copper	26.9	.9	mg/kg		1
Iron	31700	13.5	mg/kg		1
Lead	18.0	.9	mg/kg		1
Magnesium	4900	22.6	mg/kg		1
Manganese	580	.45	mg/kg		1
Nickel	24.7	.9	mg/kg		1
Potassium	1720	22.6	mg/kg	N	1
Selenium	0.83	1.8	mg/kg	J	1
Silver	BQL	.45	mg/kg	U	1
Thallium	BQL	2.7	mg/kg	U	1
Vanadium	32.8	.9	mg/kg	N	1
Zinc	75.5	1.8	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-4
GPL ID: 509146-004-060-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 00:26
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18900	16.1	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	9.8	1.6	mg/kg		1
Barium	99.4	.4	mg/kg	N	1
Beryllium	0.97	.16	mg/kg		1
Cadmium	0.36	.48	mg/kg	J	1
Calcium	7810	80.4	mg/kg		1
Chromium	25.9	.4	mg/kg		1
Cobalt	14.3	.4	mg/kg		1
Copper	39.7	.8	mg/kg		1
Iron	36800	12.1	mg/kg		1
Lead	16.7	.8	mg/kg		1
Magnesium	7200	20.1	mg/kg		1
Manganese	638	.4	mg/kg		1
Nickel	34.1	.8	mg/kg		1
Potassium	2360	20.1	mg/kg	N	1
Selenium	0.50	1.6	mg/kg	J	1
Silver	BQL	.4	mg/kg	U	1
Thallium	BQL	2.4	mg/kg	U	1
Vanadium	32.6	.8	mg/kg	N	1
Zinc	95.1	1.6	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-5
GPL ID: 509146-005-061-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 00:35
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	17000	15.2	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	7.6	1.5	mg/kg		1
Barium	76.6	.38	mg/kg	N	1
Beryllium	0.82	.15	mg/kg		1
Cadmium	0.43	.46	mg/kg	J	1
Calcium	20100	76.1	mg/kg		1
Chromium	23.7	.38	mg/kg		1
Cobalt	13.6	.38	mg/kg		1
Copper	41.2	.76	mg/kg		1
Iron	33500	11.4	mg/kg		1
Lead	17.2	.76	mg/kg		1
Magnesium	7600	19	mg/kg		1
Manganese	536	.38	mg/kg		1
Nickel	30.4	.76	mg/kg		1
Potassium	2310	19	mg/kg	N	1
Selenium	0.38	1.5	mg/kg	J	1
Silver	BQL	.38	mg/kg	U	1
Thallium	BQL	2.3	mg/kg	U	1
Vanadium	28.9	.76	mg/kg	N	1
Zinc	84.8	1.5	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-6
GPL ID: 509146-006-062-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 00:43
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	17500	17.5	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	7.2	1.8	mg/kg		1
Barium	78.7	.44	mg/kg	N	1
Beryllium	0.79	.18	mg/kg		1
Cadmium	0.23	.53	mg/kg	J	1
Calcium	2650	87.5	mg/kg		1
Chromium	24.4	.44	mg/kg		1
Cobalt	12.1	.44	mg/kg		1
Copper	32.2	.88	mg/kg		1
Iron	31200	13.1	mg/kg		1
Lead	30.0	.88	mg/kg		1
Magnesium	5360	21.9	mg/kg		1
Manganese	511	.44	mg/kg		1
Nickel	27.4	.88	mg/kg		1
Potassium	1960	21.9	mg/kg	N	1
Selenium	0.75	1.8	mg/kg	J	1
Silver	BQL	.44	mg/kg	U	1
Thallium	BQL	2.6	mg/kg	U	1
Vanadium	31.1	.88	mg/kg	N	1
Zinc	80.1	1.8	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-7
GPL ID: 509146-007-063-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 00:52
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	19900	17	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	9.9	1.7	mg/kg		1
Barium	101	.42	mg/kg	N	1
Beryllium	0.98	.17	mg/kg		1
Cadmium	0.35	.51	mg/kg	J	1
Calcium	2840	84.9	mg/kg		1
Chromium	27.7	.42	mg/kg		1
Cobalt	14.8	.42	mg/kg		1
Copper	42.5	.85	mg/kg		1
Iron	37000	12.7	mg/kg		1
Lead	21.5	.85	mg/kg		1
Magnesium	6400	21.2	mg/kg		1
Manganese	577	.42	mg/kg		1
Nickel	33.3	.85	mg/kg		1
Potassium	2240	21.2	mg/kg	N	1
Selenium	0.85	1.7	mg/kg	J	1
Silver	BQL	.42	mg/kg	U	1
Thallium	BQL	2.5	mg/kg	U	1
Vanadium	34.6	.85	mg/kg	N	1
Zinc	88.6	1.7	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-8
GPL ID: 509146-008-064-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 01:00
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18500	16.5	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	7.7	1.7	mg/kg		1
Barium	98.6	.41	mg/kg	N	1
Beryllium	0.88	.17	mg/kg		1
Cadmium	0.24	.5	mg/kg	J	1
Calcium	2450	82.7	mg/kg		1
Chromium	31.7	.41	mg/kg		1
Cobalt	14.6	.41	mg/kg		1
Copper	40.0	.83	mg/kg		1
Iron	34200	12.4	mg/kg		1
Lead	65.7	.83	mg/kg		1
Magnesium	5810	20.7	mg/kg		1
Manganese	559	.41	mg/kg		1
Nickel	33.2	.83	mg/kg		1
Potassium	2140	20.7	mg/kg	N	1
Selenium	0.65	1.7	mg/kg	J	1
Silver	BQL	.41	mg/kg	U	1
Thallium	BQL	2.5	mg/kg	U	1
Vanadium	32.7	.83	mg/kg	N	1
Zinc	81.8	1.7	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-9
GPL ID: 509146-009-065-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 01:09
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18400	18.2	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	9.1	1.8	mg/kg		1
Barium	161	.46	mg/kg	N	1
Beryllium	0.85	.18	mg/kg		1
Cadmium	0.37	.55	mg/kg	J	1
Calcium	9430	91.2	mg/kg		1
Chromium	198	.46	mg/kg		1
Cobalt	13.5	.46	mg/kg		1
Copper	44.1	.91	mg/kg		1
Iron	41100	13.7	mg/kg		1
Lead	1150	.91	mg/kg		1
Magnesium	6090	22.8	mg/kg		1
Manganese	726	.46	mg/kg		1
Nickel	36.2	.91	mg/kg		1
Potassium	2320	22.8	mg/kg	N	1
Selenium	1.1	1.8	mg/kg	J	1
Silver	BQL	.46	mg/kg	U	1
Thallium	BQL	2.7	mg/kg	U	1
Vanadium	30.3	.91	mg/kg	N	1
Zinc	82.9	1.8	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-10
GPL ID: 509146-010-066-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 01:18
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	16900	14.5	mg/kg		1
Antimony	BQL	1.4	mg/kg	UN	1
Arsenic	7.6	1.4	mg/kg		1
Barium	94.7	.36	mg/kg	N	1
Beryllium	0.85	.14	mg/kg		1
Cadmium	0.29	.43	mg/kg	J	1
Calcium	11800	72.4	mg/kg		1
Chromium	24.4	.36	mg/kg		1
Cobalt	13.9	.36	mg/kg		1
Copper	45.2	.72	mg/kg		1
Iron	33300	10.9	mg/kg		1
Lead	19.0	.72	mg/kg		1
Magnesium	7610	18.1	mg/kg		1
Manganese	353	.36	mg/kg		1
Nickel	34.3	.72	mg/kg		1
Potassium	2430	18.1	mg/kg	N	1
Selenium	0.42	1.4	mg/kg	J	1
Silver	BQL	.36	mg/kg	U	1
Thallium	BQL	2.2	mg/kg	U	1
Vanadium	29.5	.72	mg/kg	N	1
Zinc	84.7	1.4	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-11
GPL ID: 509146-011-067-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 01:26
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18100	14.7	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	9.6	1.5	mg/kg		1
Barium	93.9	.37	mg/kg	N	1
Beryllium	0.97	.15	mg/kg		1
Cadmium	0.38	.44	mg/kg	J	1
Calcium	10600	73.4	mg/kg		1
Cobalt	40.9	.37	mg/kg		1
Copper	44.3	.73	mg/kg		1
Iron	36900	11	mg/kg		1
Lead	18.9	.73	mg/kg		1
Magnesium	7600	18.4	mg/kg		1
Nickel	37.9	.73	mg/kg		1
Potassium	2380	18.4	mg/kg	N	1
Vanadium	30.9	.73	mg/kg	N	1
Zinc	89.1	1.5	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-11
GPL ID: 509146-011-067-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 01:35
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Chromium	26.1	.73	mg/kg	D	2
Manganese	977	.73	mg/kg	D	2
Selenium	0.42	2.9	mg/kg	JD	2
Silver	BQL	.73	mg/kg	UD	2
Thallium	BQL	4.4	mg/kg	UD	2

Summary of Analytical Results

Client ID: EX-C-12
GPL ID: 509146-012-068-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 02:00
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	19200	16.8	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	9.0	1.7	mg/kg		1
Barium	99.6	.42	mg/kg	N	1
Beryllium	0.95	.17	mg/kg		1
Cadmium	0.42	.5	mg/kg	J	1
Calcium	6120	84.1	mg/kg		1
Chromium	27.6	.42	mg/kg		1
Cobalt	15.3	.42	mg/kg		1
Copper	41.5	.84	mg/kg		1
Iron	36800	12.6	mg/kg		1
Lead	27.0	.84	mg/kg		1
Magnesium	6780	21	mg/kg		1
Manganese	626	.42	mg/kg		1
Nickel	34.1	.84	mg/kg		1
Potassium	2360	21	mg/kg	N	1
Selenium	0.85	1.7	mg/kg	J	1
Silver	BQL	.42	mg/kg	U	1
Thallium	BQL	2.5	mg/kg	U	1
Vanadium	33.6	.84	mg/kg	N	1
Zinc	87.4	1.7	mg/kg		1

Summary of Analytical Results

Client ID: EX-C-13
GPL ID: 509146-013-069-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 02:09
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18700	17.6	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	7.9	1.8	mg/kg		1
Barium	86.2	.44	mg/kg	N	1
Beryllium	0.93	.18	mg/kg		1
Cadmium	0.26	.53	mg/kg	J	1
Calcium	2940	88	mg/kg		1
Chromium	25.5	.44	mg/kg		1
Cobalt	14.0	.44	mg/kg		1
Copper	37.5	.88	mg/kg		1
Iron	36000	13.2	mg/kg		1
Lead	22.5	.88	mg/kg		1
Magnesium	6110	22	mg/kg		1
Manganese	545	.44	mg/kg		1
Nickel	31.5	.88	mg/kg		1
Potassium	1980	22	mg/kg	N	1
Selenium	0.93	1.8	mg/kg	J	1
Silver	BQL	.44	mg/kg	U	1
Thallium	0.36	2.6	mg/kg	J	1
Vanadium	33.7	.88	mg/kg	N	1
Zinc	81.6	1.8	mg/kg		1

Summary of Analytical Results

Client ID: EX-DUP
GPL ID: 509146-014-070-1/1
Matrix: SOIL
Date Collected: 09/28/2005
Date Received: 09/29/2005

Prep Method: SW3050B
Prep Date: 09/30/2005
Prep Time: 00:00
Prep Batch: 77764

Analytical Method: SW6010B
Date Analyzed: 10/05/2005
Time Analyzed: 02:18
Analysis Batch: 80694

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18900	14.8	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	8.8	1.5	mg/kg		1
Barium	91.1	.37	mg/kg	N	1
Beryllium	0.92	.15	mg/kg		1
Cadmium	0.40	.44	mg/kg	J	1
Calcium	4640	73.8	mg/kg		1
Chromium	31.5	.37	mg/kg		1
Cobalt	14.4	.37	mg/kg		1
Copper	39.1	.74	mg/kg		1
Iron	37300	11.1	mg/kg		1
Lead	62.5	.74	mg/kg		1
Magnesium	6560	18.5	mg/kg		1
Manganese	537	.37	mg/kg		1
Nickel	33.4	.74	mg/kg		1
Potassium	2030	18.5	mg/kg	N	1
Selenium	0.66	1.5	mg/kg	J	1
Silver	BQL	.37	mg/kg	U	1
Thallium	BQL	2.2	mg/kg	U	1
Vanadium	33.0	.74	mg/kg	N	1
Zinc	90.9	1.5	mg/kg		1

ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed October 5, 2005

GPL ID	Client ID
509146-001-057-1/1	EX-C-1
509146-002-058-1/1	EX-C-2
509146-003-059-1/1	EX-C-3
509146-004-060-1/1	EX-C-4
509146-005-061-1/1	EX-C-5
509146-006-062-1/1	EX-C-6
509146-007-063-1/1	EX-C-7
509146-008-064-1/1	EX-C-8
509146-009-065-1/1	EX-C-9
509146-010-066-1/1	EX-C-10
509146-011-067-1/1	EX-C-11
509146-011-067-1/1	EX-C-11
509146-012-068-1/1	EX-C-12
509146-013-069-1/1	EX-C-13
509146-014-070-1/1	EX-DUP

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Pesticide Analysis in Soil by SW8081A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries were below project defined limits for *delta*-BHC. This analyte was not detected in the sample. The LCS recovery for this analyte was acceptable. The result of the spiked sample for *delta*-BHC will be qualified as estimated below the reporting limit, UJ.

Surrogates: The surrogate recoveries are within acceptable criteria with the exception of one surrogate in EX-C-1 and one surrogate in EX-C-7. Both recoveries were above acceptance criteria. 4,4'-DDD was detected in EX-C-1 below the reporting limit. This result is qualified as estimated. No analytes were detected in EX-C-7 above the reporting limit.

Total Metals Analysis in Soil by SW-3050B/6010B and SW-7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. All instrument interference check samples were within control limits. The initial and continuing calibration check samples were within control limits. The initial calibration blank results were below reporting limits. Few analytes were detected in the continuing calibration blank samples. These results were less than 10 times the associated samples results. No qualification necessary.

Method Blanks: The method blank results are below reporting limits for most analytes. The method blank contained trace amounts of Calcium, Magnesium, Manganese and Zinc. All sample results are greater than 10 times the method blank results. No qualification necessary.

LCS: The LCS recoveries are within acceptance criteria for the target analytes.

MS/MSD: Sample EX-C-1 was chosen for MS/MSD analysis. Antimony recoveries were below acceptance criteria. The antimony result for the spiked sample is qualified as estimated. Insufficient

addition of spike concentration is the reason for poor recoveries for 7 other metals. The RPD values for these 7 analytes are within control limits indicating acceptable precision. No qualification required.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. All VOC results are considered estimated values due primarily to matrix interferences as evidenced by review of the chromatograms and re-analysis. The reported data for all other analyses should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/20/6
Date

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	10/05/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-510011

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [17] soil samples collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-B-1, EX-B-2, EX-B-3, EX-B-4, EX-B-5, EX-B-6, EX-B-7, EX-B-8, EX-B-9, EX-B-10, EX-B-11, EX-B-12, EX-B-13, EX-B-14, EX-B-15, EX-B-16, and EX-B-DUP	10/04/2005 (all)	SOIL	VOC – SW-8260B SVOC – SW-8270C PCB – SW-8082 HERB – SW-8151A PEST – SW-8081A METALS – SW-6010B

All sample analyses were performed within the required holding times. All samples were received at the laboratory intact. There were 3 coolers submitted with chain-of-custody forms and were received each having a temperature of 2°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

Volatile Analysis in Soil by SW-5035A/8260B

The laboratory placed all submitted samples on ice within the required 48-hours of sample collection. All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes with the exception of the LCS analyzed 10/02/05 on GC MS-S which yielded Vinyl chloride recovery result above the upper advisory limit. No results were reported associated with this LCS analyzed on 10/02/05. No qualification necessary.

MS/MSD: The MS/MSD recoveries are within laboratory acceptance criteria for target analytes with the exception of 2-Butanone and 4-Methyl-2-pentanone. Recoveries for these two analytes were below project objectives. The LCS recoveries were acceptable. The reported results for the spiked sample will be qualified as estimated below the reporting limit, flagged as UJ. This is indicative of acceptable matrix accuracy and precision.

Alternate Source Calibration: The ASCs were within the acceptable percent difference for the target analytes.

Continuing Calibration: The recoveries for several analytes in the CCC analyzed on Oct 18 were above the 15% criteria. There are 11 re-analyzed samples associated with this CCC. The results are to be reported from the original analysis.

ISTD: The ISTD areas were outside the acceptance criteria when compared to the Initial Calibration areas for all samples. All samples were re-analyzed. Re-analysis confirms matrix interferences present in the sample as the ISTD areas were similar to the first analysis and visual review the chromatograms explicitly shows matrix interferences. All results are considered estimated values.

Surrogates: Several surrogates were outside acceptance criteria. As indicated above, matrix interference was confirmed by re-analysis. All results are considered estimated values.

Semi-Volatile Analysis in Soil by SW-3550B/8270C

All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within project acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifies proper instrument control.

MS/MSD: The MS/MSD recoveries are within laboratory acceptance criteria for target analytes. This is indicative of acceptable matrix accuracy and precision.

ISTD: All ISTD recoveries are within control limits.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Herbicide Analysis in Soil by SW8151A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Pesticide Analysis in Soil by SW8081A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries were below project defined limits for *delta*-BHC. This analyte was not detected in the sample. The LCS recovery for this analyte was acceptable. The result of the spiked sample for *delta*-BHC will be qualified as estimated below the reporting limit, UJ.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Total Metals Analysis in Soil by SW-3050B/6010B and SW-7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. All instrument interference check samples were within control limits. The initial and continuing calibration check samples were within control limits. The initial calibration blank results were below reporting limits. Few analytes were detected in the continuing calibration blank samples. These results were less than 10 times the associated samples results. No qualification necessary.

Method Blanks: The method blank results are below reporting limits for most analytes. The method blank contained trace amounts of Arsenic, Calcium, Lead, and Magnesium. All sample results are greater than 10 times the method blank results. No qualification necessary.

LCS: The LCS recoveries are within acceptance criteria for the target analytes.

MS/MSD: Sample EX-B-6 was chosen for MS/MSD analysis. Antimony recoveries were below acceptance criteria. The antimony result for the spiked sample is qualified as estimated. Insufficient addition of spike concentration is the reason for poor recoveries for 9 other metals. The RPD values for these 9 analytes are within control limits indicating acceptable matrix precision. No qualification required.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. All VOC results are considered estimated values due primarily to matrix interferences as evidenced by review of the chromatograms and re-analysis. The reported data for all other analyses should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/20/6
Date

Analytical Report For 510011

for

Shaw E&I, Inc

Project Manager: Guy Gallello

Project Name : SAD-AOC2

October 17, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

Summary of Analytical Results

Client ID: EX-B-1
GPL ID: 510011-001-001-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 12:40
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.8	ug/kg	U	1
1,1,2-Trichloroethane	11	6.8	ug/kg		1
1,1-Dichloroethane	BQL	6.8	ug/kg	U	1
1,1-Dichloroethene	BQL	6.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.8	ug/kg	U	1
1,2-Dichloroethane	BQL	6.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.8	ug/kg	U	1
1,3-Dichloropropane	BQL	6.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.8	ug/kg	U	1
2-Butanone	BQL	14	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	14	ug/kg	U	1
Acetone	BQL	14	ug/kg	U	1
Benzene	BQL	6.8	ug/kg	U	1
Bromomethane	BQL	14	ug/kg	U	1
Carbon Disulfide	BQL	6.8	ug/kg	U	1
Carbon Tetrachloride	BQL	6.8	ug/kg	U	1
Chlorobenzene	BQL	6.8	ug/kg	U	1
Chloroethane	BQL	14	ug/kg	U	1
Chloroform	BQL	6.8	ug/kg	U	1
Chloromethane	BQL	14	ug/kg	U	1
Dibromochloromethane	BQL	6.8	ug/kg	U	1
Ethylbenzene	BQL	6.8	ug/kg	U	1
Freon 113	BQL	6.8	ug/kg	U	1
Methylene Chloride	BQL	14	ug/kg	U	1
Styrene	BQL	6.8	ug/kg	U	1
Tetrachloroethylene	BQL	6.8	ug/kg	U	1
Toluene	BQL	6.8	ug/kg	U	1
Trichloroethene	BQL	6.8	ug/kg	U	1
Vinyl Chloride	BQL	14	ug/kg	U	1
Xylenes, Total	BQL	6.8	ug/kg	U	1
trans-1,2-dichloroethene	BQL	6.8	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-2
GPL ID: 510011-002-002-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 13:10
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.8	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.8	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	BQL	5.8	ug/kg	U	1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	BQL	5.8	ug/kg	U	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.8	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-3
GPL ID: 510011-003-003-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 13:39
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.6	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethene	BQL	5.6	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,2-Dichloroethane	BQL	5.6	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,3-Dichloropropane	BQL	5.6	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.6	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	BQL	11	ug/kg	U	1
Benzene	BQL	5.6	ug/kg	U	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.6	ug/kg	U	1
Carbon Tetrachloride	BQL	5.6	ug/kg	U	1
Chlorobenzene	BQL	5.6	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.6	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.6	ug/kg	U	1
Ethylbenzene	BQL	5.6	ug/kg	U	1
Freon 113	BQL	5.6	ug/kg	U	1
Methylene Chloride	BQL	11	ug/kg	U	1
Styrene	BQL	5.6	ug/kg	U	1
Tetrachloroethylene	BQL	5.6	ug/kg	U	1
Toluene	BQL	5.6	ug/kg	U	1
Trichloroethene	BQL	5.6	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	8.3	5.6	ug/kg		1
trans-1,2-dichloroethene	BQL	5.6	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-4
GPL ID: 510011-004-004-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 14:09
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.6	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethene	BQL	5.6	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,2-Dichloroethane	BQL	5.6	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,3-Dichloropropane	BQL	5.6	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.6	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	BQL	11	ug/kg	U	1
Benzene	BQL	5.6	ug/kg	U	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.6	ug/kg	U	1
Carbon Tetrachloride	BQL	5.6	ug/kg	U	1
Chlorobenzene	BQL	5.6	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.6	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.6	ug/kg	U	1
Ethylbenzene	BQL	5.6	ug/kg	U	1
Freon 113	BQL	5.6	ug/kg	U	1
Methylene Chloride	BQL	11	ug/kg	U	1
Styrene	BQL	5.6	ug/kg	U	1
Tetrachloroethylene	BQL	5.6	ug/kg	U	1
Toluene	BQL	5.6	ug/kg	U	1
Trichloroethene	BQL	5.6	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.6	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.6	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-5
GPL ID: 510011-005-005-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 14:38
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.8	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.8	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	BQL	5.8	ug/kg	U	1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	BQL	5.8	ug/kg	U	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.8	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-6
GPL ID: 510011-006-006-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 15:08
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.5	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.5	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.5	ug/kg	U	1
1,1-Dichloroethane	BQL	5.5	ug/kg	U	1
1,1-Dichloroethene	BQL	5.5	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.5	ug/kg	U	1
1,2-Dichloroethane	BQL	5.5	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.5	ug/kg	U	1
1,3-Dichloropropane	BQL	5.5	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.5	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	BQL	11	ug/kg	U	1
Benzene	3.6	5.5	ug/kg	J	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.5	ug/kg	U	1
Carbon Tetrachloride	BQL	5.5	ug/kg	U	1
Chlorobenzene	BQL	5.5	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.5	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.5	ug/kg	U	1
Ethylbenzene	BQL	5.5	ug/kg	U	1
Freon 113	BQL	5.5	ug/kg	U	1
Methylene Chloride	BQL	11	ug/kg	U	1
Styrene	BQL	5.5	ug/kg	U	1
Tetrachloroethylene	BQL	5.5	ug/kg	U	1
Toluene	BQL	5.5	ug/kg	U	1
Trichloroethene	BQL	5.5	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	11	5.5	ug/kg		1
trans-1,2-dichloroethene	BQL	5.5	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-7
GPL ID: 510011-007-007-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 15:38
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.9	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethene	BQL	5.9	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,2-Dichloroethane	BQL	5.9	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,3-Dichloropropane	BQL	5.9	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.9	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.9	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.9	ug/kg	U	1
Carbon Tetrachloride	BQL	5.9	ug/kg	U	1
Chlorobenzene	BQL	5.9	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.9	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.9	ug/kg	U	1
Ethylbenzene	BQL	5.9	ug/kg	U	1
Freon 113	BQL	5.9	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.9	ug/kg	U	1
Tetrachloroethylene	BQL	5.9	ug/kg	U	1
Toluene	BQL	5.9	ug/kg	U	1
Trichloroethene	BQL	5.9	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.9	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.9	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-8
GPL ID: 510011-008-008-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 16:07
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.8	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	24	5.8	ug/kg		1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.8	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	13	5.8	ug/kg		1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	BQL	5.8	ug/kg	U	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	14	5.8	ug/kg		1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-9
GPL ID: 510011-009-009-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 16:37
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.7	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.7	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.7	ug/kg	U	1
1,1-Dichloroethane	BQL	5.7	ug/kg	U	1
1,1-Dichloroethene	BQL	5.7	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.7	ug/kg	U	1
1,2-Dichloroethane	BQL	5.7	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.7	ug/kg	U	1
1,3-Dichloropropane	BQL	5.7	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.7	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	20	11	ug/kg		1
Benzene	1.3	5.7	ug/kg	J	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.7	ug/kg	U	1
Carbon Tetrachloride	BQL	5.7	ug/kg	U	1
Chlorobenzene	BQL	5.7	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.7	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.7	ug/kg	U	1
Ethylbenzene	BQL	5.7	ug/kg	U	1
Freon 113	BQL	5.7	ug/kg	U	1
Methylene Chloride	BQL	11	ug/kg	U	1
Styrene	BQL	5.7	ug/kg	U	1
Tetrachloroethylene	BQL	5.7	ug/kg	U	1
Toluene	BQL	5.7	ug/kg	U	1
Trichloroethene	BQL	5.7	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.7	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.7	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-10
GPL ID: 510011-010-010-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 17:06
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.5	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.5	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.5	ug/kg	U	1
1,1-Dichloroethane	BQL	5.5	ug/kg	U	1
1,1-Dichloroethene	BQL	5.5	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.5	ug/kg	U	1
1,2-Dichloroethane	BQL	5.5	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.5	ug/kg	U	1
1,3-Dichloropropane	BQL	5.5	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.5	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	BQL	11	ug/kg	U	1
Benzene	BQL	5.5	ug/kg	U	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.5	ug/kg	U	1
Carbon Tetrachloride	BQL	5.5	ug/kg	U	1
Chlorobenzene	BQL	5.5	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.5	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.5	ug/kg	U	1
Ethylbenzene	BQL	5.5	ug/kg	U	1
Freon 113	BQL	5.5	ug/kg	U	1
Methylene Chloride	BQL	11	ug/kg	U	1
Styrene	BQL	5.5	ug/kg	U	1
Tetrachloroethylene	BQL	5.5	ug/kg	U	1
Toluene	BQL	5.5	ug/kg	U	1
Trichloroethene	BQL	5.5	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.5	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.5	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-11
GPL ID: 510011-011-011-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 17:36
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.6	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethene	BQL	5.6	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,2-Dichloroethane	BQL	5.6	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,3-Dichloropropane	BQL	5.6	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.6	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	BQL	11	ug/kg	U	1
Benzene	BQL	5.6	ug/kg	U	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.6	ug/kg	U	1
Carbon Tetrachloride	BQL	5.6	ug/kg	U	1
Chlorobenzene	BQL	5.6	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.6	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.6	ug/kg	U	1
Ethylbenzene	BQL	5.6	ug/kg	U	1
Freon 113	BQL	5.6	ug/kg	U	1
Methylene Chloride	BQL	11	ug/kg	U	1
Styrene	BQL	5.6	ug/kg	U	1
Tetrachloroethylene	BQL	5.6	ug/kg	U	1
Toluene	BQL	5.6	ug/kg	U	1
Trichloroethene	BQL	5.6	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.6	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.6	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-12
GPL ID: 510011-012-012-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 18:05
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.6	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethane	BQL	5.6	ug/kg	U	1
1,1-Dichloroethene	BQL	5.6	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,2-Dichloroethane	BQL	5.6	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.6	ug/kg	U	1
1,3-Dichloropropane	BQL	5.6	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.6	ug/kg	U	1
2-Butanone	BQL	11	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	11	ug/kg	U	1
Acetone	BQL	11	ug/kg	U	1
Benzene	BQL	5.6	ug/kg	U	1
Bromomethane	BQL	11	ug/kg	U	1
Carbon Disulfide	BQL	5.6	ug/kg	U	1
Carbon Tetrachloride	BQL	5.6	ug/kg	U	1
Chlorobenzene	BQL	5.6	ug/kg	U	1
Chloroethane	BQL	11	ug/kg	U	1
Chloroform	BQL	5.6	ug/kg	U	1
Chloromethane	BQL	11	ug/kg	U	1
Dibromochloromethane	BQL	5.6	ug/kg	U	1
Ethylbenzene	BQL	5.6	ug/kg	U	1
Freon 113	BQL	5.6	ug/kg	U	1
Methylene Chloride	BQL	11	ug/kg	U	1
Styrene	BQL	5.6	ug/kg	U	1
Tetrachloroethylene	BQL	5.6	ug/kg	U	1
Toluene	BQL	5.6	ug/kg	U	1
Trichloroethene	BQL	5.6	ug/kg	U	1
Vinyl Chloride	BQL	11	ug/kg	U	1
Xylenes, Total	BQL	5.6	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.6	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-13
GPL ID: 510011-013-013-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 18:35
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.8	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.8	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	BQL	5.8	ug/kg	U	1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	BQL	5.8	ug/kg	U	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.8	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-14
GPL ID: 510011-014-014-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 19:04
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.8	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.8	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	BQL	5.8	ug/kg	U	1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	BQL	5.8	ug/kg	U	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.8	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-15
GPL ID: 510011-015-015-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 19:34
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.9	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethane	BQL	5.9	ug/kg	U	1
1,1-Dichloroethene	BQL	5.9	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,2-Dichloroethane	BQL	5.9	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.9	ug/kg	U	1
1,3-Dichloropropane	BQL	5.9	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.9	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.9	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.9	ug/kg	U	1
Carbon Tetrachloride	BQL	5.9	ug/kg	U	1
Chlorobenzene	BQL	5.9	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.9	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.9	ug/kg	U	1
Ethylbenzene	BQL	5.9	ug/kg	U	1
Freon 113	BQL	5.9	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.9	ug/kg	U	1
Tetrachloroethylene	BQL	5.9	ug/kg	U	1
Toluene	BQL	5.9	ug/kg	U	1
Trichloroethene	BQL	5.9	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.9	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.9	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-16
GPL ID: 510011-016-016-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 20:04
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	6.9	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	6.9	ug/kg	U	1
1,1,2-Trichloroethane	BQL	6.9	ug/kg	U	1
1,1-Dichloroethane	BQL	6.9	ug/kg	U	1
1,1-Dichloroethene	BQL	6.9	ug/kg	U	1
1,2-Dichlorobenzene	BQL	6.9	ug/kg	U	1
1,2-Dichloroethane	BQL	6.9	ug/kg	U	1
1,3-Dichlorobenzene	BQL	6.9	ug/kg	U	1
1,3-Dichloropropane	BQL	6.9	ug/kg	U	1
1,4-Dichlorobenzene	BQL	6.9	ug/kg	U	1
2-Butanone	BQL	14	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	14	ug/kg	U	1
Acetone	BQL	14	ug/kg	U	1
Benzene	BQL	6.9	ug/kg	U	1
Bromomethane	BQL	14	ug/kg	U	1
Carbon Disulfide	BQL	6.9	ug/kg	U	1
Carbon Tetrachloride	BQL	6.9	ug/kg	U	1
Chlorobenzene	BQL	6.9	ug/kg	U	1
Chloroethane	BQL	14	ug/kg	U	1
Chloroform	BQL	6.9	ug/kg	U	1
Chloromethane	BQL	14	ug/kg	U	1
Dibromochloromethane	BQL	6.9	ug/kg	U	1
Ethylbenzene	BQL	6.9	ug/kg	U	1
Freon 113	BQL	6.9	ug/kg	U	1
Methylene Chloride	BQL	14	ug/kg	U	1
Styrene	BQL	6.9	ug/kg	U	1
Tetrachloroethylene	BQL	6.9	ug/kg	U	1
Toluene	BQL	6.9	ug/kg	U	1
Trichloroethene	BQL	6.9	ug/kg	U	1
Vinyl Chloride	BQL	14	ug/kg	U	1
Xylenes, Total	BQL	6.9	ug/kg	U	1
trans-1,2-dichloroethene	BQL	6.9	ug/kg	U	1

Summary of Analytical Results

Client ID: EX-B-DUP
GPL ID: 510011-017-017-1/1
Matrix: SOIL
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 20:33
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1,2,2-Tetrachloroethane	BQL	5.8	ug/kg	U	1
1,1,2-Trichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethane	BQL	5.8	ug/kg	U	1
1,1-Dichloroethene	BQL	5.8	ug/kg	U	1
1,2-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,2-Dichloroethane	BQL	5.8	ug/kg	U	1
1,3-Dichlorobenzene	BQL	5.8	ug/kg	U	1
1,3-Dichloropropane	BQL	5.8	ug/kg	U	1
1,4-Dichlorobenzene	BQL	5.8	ug/kg	U	1
2-Butanone	BQL	12	ug/kg	U	1
4-Methyl-2-Pentanone	BQL	12	ug/kg	U	1
Acetone	BQL	12	ug/kg	U	1
Benzene	BQL	5.8	ug/kg	U	1
Bromomethane	BQL	12	ug/kg	U	1
Carbon Disulfide	BQL	5.8	ug/kg	U	1
Carbon Tetrachloride	BQL	5.8	ug/kg	U	1
Chlorobenzene	BQL	5.8	ug/kg	U	1
Chloroethane	BQL	12	ug/kg	U	1
Chloroform	BQL	5.8	ug/kg	U	1
Chloromethane	BQL	12	ug/kg	U	1
Dibromochloromethane	BQL	5.8	ug/kg	U	1
Ethylbenzene	BQL	5.8	ug/kg	U	1
Freon 113	BQL	5.8	ug/kg	U	1
Methylene Chloride	BQL	12	ug/kg	U	1
Styrene	BQL	5.8	ug/kg	U	1
Tetrachloroethylene	BQL	5.8	ug/kg	U	1
Toluene	BQL	5.8	ug/kg	U	1
Trichloroethene	BQL	5.8	ug/kg	U	1
Vinyl Chloride	BQL	12	ug/kg	U	1
Xylenes, Total	BQL	5.8	ug/kg	U	1
trans-1,2-dichloroethene	BQL	5.8	ug/kg	U	1

Summary of Analytical Results

Client ID: TRIP BLANK
GPL ID: 510011-018-086-1/3
Matrix: WATER
Date Collected: 10/04/2005
Date Received: 10/05/2005

Prep Method: SW5030B
Prep Date: 10/15/2005
Prep Time: 09:40
Prep Batch: 78113

Analytical Method: SW8260B
Date Analyzed: 10/15/2005
Time Analyzed: 12:11
Analysis Batch: 81031

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1,1-Trichloroethane	BQL	5.0	ug/L	U	1
1,1,2,2-Tetrachloroethane	BQL	5.0	ug/L	U	1
1,1,2-Trichloroethane	BQL	5.0	ug/L	U	1
1,1-Dichloroethane	BQL	5.0	ug/L	U	1
1,1-Dichloroethene	BQL	5.0	ug/L	U	1
1,2-Dichlorobenzene	BQL	5.0	ug/L	U	1
1,2-Dichloroethane	BQL	5.0	ug/L	U	1
1,3-Dichlorobenzene	BQL	5.0	ug/L	U	1
1,3-Dichloropropane	BQL	5.0	ug/L	U	1
1,4-Dichlorobenzene	BQL	5.0	ug/L	U	1
2-Butanone	BQL	10	ug/L	U	1
4-Methyl-2-Pentanone	BQL	10	ug/L	U	1
Acetone	BQL	10	ug/L	U	1
Benzene	BQL	5.0	ug/L	U	1
Bromomethane	BQL	10	ug/L	U	1
Carbon Disulfide	BQL	5.0	ug/L	U	1
Carbon Tetrachloride	BQL	5.0	ug/L	U	1
Chlorobenzene	BQL	5.0	ug/L	U	1
Chloroethane	BQL	10	ug/L	U	1
Chloroform	BQL	5.0	ug/L	U	1
Chloromethane	BQL	10	ug/L	U	1
Dibromochloromethane	BQL	5.0	ug/L	U	1
Ethylbenzene	BQL	5.0	ug/L	U	1
Freon 113	BQL	5.0	ug/L	U	1
Methylene Chloride	BQL	10	ug/L	U	1
Styrene	BQL	5.0	ug/L	U	1
Tetrachloroethylene	BQL	5.0	ug/L	U	1
Toluene	BQL	5.0	ug/L	U	1
Trichloroethene	BQL	5.0	ug/L	U	1
Vinyl Chloride	BQL	10	ug/L	U	1
Xylenes, Total	BQL	5.0	ug/L	U	1
trans-1,2-dichloroethene	BQL	5.0	ug/L	U	1

ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed October 17, 2005

GPL ID	Client ID
510011-001-001-1/1	EX-B-1
510011-002-002-1/1	EX-B-2
510011-003-003-1/1	EX-B-3
510011-004-004-1/1	EX-B-4
510011-005-005-1/1	EX-B-5
510011-006-006-1/1	EX-B-6
510011-007-007-1/1	EX-B-7
510011-008-008-1/1	EX-B-8
510011-009-009-1/1	EX-B-9
510011-010-010-1/1	EX-B-10
510011-011-011-1/1	EX-B-11
510011-012-012-1/1	EX-B-12
510011-013-013-1/1	EX-B-13
510011-014-014-1/1	EX-B-14
510011-015-015-1/1	EX-B-15
510011-016-016-1/1	EX-B-16
510011-017-017-1/1	EX-B-DUP
510011-018-086-1/3	TRIP BLANK

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	10/07/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-510035

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [11] soil samples collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
DS-B-1A, DS-B-1B, DS-B-1C, DS-B-2A, DS-B-2B, DS-C-1A, DS-C-1B, DS-C-1C, DS-F-1A, DS-F-1B, and DS-F-1C	10/06/2005 (all)	SOIL	TCLP VOC – SW-8260B

All sample analyses were performed within the required holding times. All samples were received at the laboratory intact. The cooler was submitted with chain-of-custody forms and was received having a temperature of 3°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

TCLP Volatile Analysis in Soil by ZHE/5030B/SW-8260B

The laboratory placed all submitted samples on ice within the required 48-hours of sample collection. All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes This is indicative of acceptable method accuracy and instrument control.

MS/MSD: Sample DS-B-6 was selected as the QC matrix sample. The MS/MSD recoveries are within laboratory acceptance criteria for target analytes with the exception of 1,4-Dichlorobenzene. This recovery was high. The analytes was not detected in any samples. No qualification of data necessary.

Alternate Source Calibration: The ASCs were within the acceptable percent difference for the target analytes.

Continuing Calibration: The recoveries for several analytes in all CCCs were above the 15% criteria. The recoveries were high when compared to the initial calibration. There was one sample that had a detection of Benzene. The results reported for benzene is qualified as estimated and represent the maximum concentration in the sample.

ISTD: The ISTD areas were within acceptance criteria when compared to the Initial Calibration areas. This indicates that matrix interferences were minimal and the instrument maintained control throughout the analytical run.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. Benzene was detected in sample DS-B-1C. This result is estimated to be a maximum concentration and should be considered when making project decisions. The remaining reported data should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/20/6
Date

MS/MSD: Sample EX-D-1 was chosen for MS/MSD analysis. Antimony recoveries were below acceptance criteria. The post spike recovery for antimony was within control limits. The RPD value for antimony was outside control limits. The result for antimony is considered estimated, UJ. Insufficient addition of spike concentration is the reason for poor recoveries for 7 other metals. The RPD values for these 7 analytes are within control limits indicating acceptable matrix precision. No qualification required.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. All VOC results are considered estimated values due primarily to matrix interferences as evidenced by review of the chromatograms and re-analysis. The reported data for all other analyses should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/20/6
Date

Analytical Report For 510035

for

Shaw E&I, Inc

Project Manager : Guy Gallello

Project Name : SAD-AOC2

October 12, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

Summary of Analytical Results

Client ID: DS-F-1A
GPL ID: 510035-001-001-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 11:57
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-F-1B
GPL ID: 510035-002-002-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 12:29
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-F-1C
GPL ID: 510035-003-003-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 13:02
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-C-1A
GPL ID: 510035-004-004-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 13:34
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-C-1B
GPL ID: 510035-005-005-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 14:06
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-C-1C
GPL ID: 510035-006-006-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 14:39
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-B-1A
GPL ID: 510035-007-007-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 15:11
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-B-1B
GPL ID: 510035-008-008-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 15:43
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-B-1C
GPL ID: 510035-009-009-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 16:16
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	120	100	ug/L		10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-B-2A
GPL ID: 510035-010-010-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 16:48
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

Summary of Analytical Results

Client ID: DS-B-2B
GPL ID: 510035-011-011-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW5030B
Prep Date: 10/11/2005
Prep Time: 07:18
Prep Batch: 78009

Analytical Method: SW8260B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 17:20
Analysis Batch: 80921

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/L	U	10
1,2-Dichloroethane	BQL	100	ug/L	U	10
2-Butanone	BQL	100	ug/L	U	10
Benzene	BQL	100	ug/L	U	10
Carbon Tetrachloride	BQL	100	ug/L	U	10
Chlorobenzene	BQL	100	ug/L	U	10
Chloroform	BQL	100	ug/L	U	10
Tetrachloroethylene	BQL	100	ug/L	U	10
Trichloroethene	BQL	100	ug/L	U	10
Vinyl Chloride	BQL	100	ug/L	U	10

ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed October 12, 2005

GPL ID	Client ID
510035-007-007-1/1	DS-B-1A
510035-008-008-1/1	DS-B-1B
510035-009-009-1/1	DS-B-1C
510035-010-010-1/1	DS-B-2A
510035-011-011-1/1	DS-B-2B
510035-004-004-1/1	DS-C-1A
510035-005-005-1/1	DS-C-1B
510035-006-006-1/1	DS-C-1C
510035-001-001-1/1	DS-F-1A
510035-002-002-1/1	DS-F-1B
510035-003-003-1/1	DS-F-1C

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	10/07/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-510036

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [5] soil samples collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
DS-B-1, DS-B-2, DS-B-3 DS-C-1 and DS-F-1	10/06/2005 (all)	SOIL	TCLP Pest – SW-8081A, TCLP Herb – SW-8151A, Total PCB – SW-8082, TCLP Metals – SW-6010B and 7471A, Reactive Cyanide – SW-9014R, Reactive Sulfide – SW-9034R, pH – SW-9045C, Paint Filter – SW-9095A, and Flashpoint – SW-1010

All sample analyses were performed within the required holding times. All samples were received at the laboratory intact. The cooler was submitted with chain-of-custody forms and was received having a temperature of 2°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

TCLP Pesticide Analysis in Soil by SW-1311/8081A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples were high for some analytes. No analytes were detected in the samples. No qualification necessary.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS: The MS recoveries were within control limits. This is indicative of acceptable matrix accuracy.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples were below control limits for both primary and secondary columns. PCBs were not detected above the reporting limit. The LCS and MS/MSD were acceptable as described below. The results will be qualified as estimated to be below the reporting limit, UJ.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: Sample DS-C-1 was selected as the QC matrix sample. The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: The surrogate recoveries for Decachlorobiphenyl were below control limits for 3 samples. The low recoveries were confirmed by the secondary column. This indicates matrix interference. All surrogate recoveries for TCMX are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

TCLP Herbicide Analysis in Soil by SW1311/8151A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS: The MS recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

TCLP Metals Analysis in Soil by SW1311/6010B and SW7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. All instrument interference check samples were within control limits. The initial and continuing calibration check samples were within control limits. The initial calibration blank results were below reporting limits.

Method Blanks: The method blank results are below reporting limits.

LCS: The LCS recoveries are within acceptance criteria for the target analytes.

MS/MSD: Sample DS-B-1 was chosen for MS/MSD analysis. The MS/MSD recoveries are indicative of acceptable matrix accuracy and precision.

General Chemistry

LCS recoveries for all spiked compounds were within control limits indicating acceptable method accuracy. A duplicate sample analysis was performed for reactive cyanide, reactive sulfide, Free Liquid, and pH on sample DS-F-1. The percent RPD was within project objectives for pH. Percent RPDs could not be compared to the other duplicate since the results were below the QL.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The reported data should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/16/6
Date

Analytical Report For 510036

for

Shaw E&I, Inc

Project Manager : Guy Gallello

Project Name : SAD-AOC2

October 11, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-006-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 10/08/2005
Time Analyzed: 16:54
Analysis Batch: 80804

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	82	1.0	%		1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-007-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 10/08/2005
Time Analyzed: 16:54
Analysis Batch: 80804

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	83	1.0	%		1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-008-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 10/08/2005
Time Analyzed: 16:54
Analysis Batch: 80804

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	82	1.0	%		1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-009-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 10/08/2005
Time Analyzed: 16:54
Analysis Batch: 80804

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	84	1.0	%		1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-010-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 10/08/2005
Time Analyzed: 16:54
Analysis Batch: 80804

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	88	1.0	%		1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-006-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW1010
Date Analyzed: 10/07/2005
Time Analyzed: 00:00
Analysis Batch: 80797

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Flash Point	BQL	100	DC	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-007-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW1010
Date Analyzed: 10/07/2005
Time Analyzed: 00:00
Analysis Batch: 80797

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Flash Point	BQL	100	DC	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-008-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW1010
Date Analyzed: 10/07/2005
Time Analyzed: 00:00
Analysis Batch: 80797

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Flash Point	BQL	100	DC	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-009-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW1010
Date Analyzed: 10/07/2005
Time Analyzed: 00:00
Analysis Batch: 80797

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Flash Point	BQL	100	DC	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-010-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW1010
Date Analyzed: 10/07/2005
Time Analyzed: 00:00
Analysis Batch: 80797

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Flash Point	BQL	100	DC	U	1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-001-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3010A
Prep Date: 10/10/2005
Prep Time: 00:00
Prep Batch: 77933

Analytical Method: SW6010B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 03:35
Analysis Batch: 80888

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Arsenic	BQL	200	ug/L	U	1
Barium	1270	1000	ug/L		1
Beryllium	BQL	20	ug/L	U	1
Cadmium	BQL	60	ug/L	U	1
Chromium	BQL	50	ug/L	U	1
Lead	BQL	100	ug/L	U	1
Selenium	BQL	200	ug/L	U	1
Silver	BQL	50	ug/L	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-002-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3010A
Prep Date: 10/10/2005
Prep Time: 00:00
Prep Batch: 77933

Analytical Method: SW6010B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 04:09
Analysis Batch: 80888

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Arsenic	BQL	200	ug/L	U	1
Barium	BQL	1000	ug/L	U	1
Beryllium	BQL	20	ug/L	U	1
Cadmium	BQL	60	ug/L	U	1
Chromium	BQL	50	ug/L	U	1
Lead	607	100	ug/L		1
Selenium	BQL	200	ug/L	U	1
Silver	BQL	50	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-003-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3010A
Prep Date: 10/10/2005
Prep Time: 00:00
Prep Batch: 77933

Analytical Method: SW6010B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 04:17
Analysis Batch: 80888

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Arsenic	BQL	200	ug/L	U	1
Barium	BQL	1000	ug/L	U	1
Beryllium	BQL	20	ug/L	U	1
Cadmium	BQL	60	ug/L	U	1
Chromium	824	50	ug/L		1
Lead	5620	100	ug/L		1
Selenium	BQL	200	ug/L	U	1
Silver	BQL	50	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-004-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3010A
Prep Date: 10/10/2005
Prep Time: 00:00
Prep Batch: 77933

Analytical Method: SW6010B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 04:26
Analysis Batch: 80888

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Arsenic	BQL	200	ug/L	U	1
Barium	BQL	1000	ug/L	U	1
Beryllium	BQL	20	ug/L	U	1
Cadmium	BQL	60	ug/L	U	1
Chromium	65.3	50	ug/L		1
Lead	345	100	ug/L		1
Selenium	BQL	200	ug/L	U	1
Silver	BQL	50	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-005-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3010A
Prep Date: 10/10/2005
Prep Time: 00:00
Prep Batch: 77933

Analytical Method: SW6010B_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 04:52
Analysis Batch: 80888

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Arsenic	BQL	200	ug/L	U	1
Barium	BQL	1000	ug/L	U	1
Beryllium	BQL	20	ug/L	U	1
Cadmium	BQL	60	ug/L	U	1
Chromium	BQL	50	ug/L	U	1
Lead	BQL	100	ug/L	U	1
Selenium	BQL	200	ug/L	U	1
Silver	BQL	50	ug/L	U	1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-001-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7470A_DIG
Prep Date: 10/10/2005
Prep Time: 10:00
Prep Batch: 77947

Analytical Method: SW7471A_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 09:31
Analysis Batch: 80887

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	BQL	2	ug/L	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-002-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7470A_DIG
Prep Date: 10/10/2005
Prep Time: 10:00
Prep Batch: 77947

Analytical Method: SW7471A_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 09:33
Analysis Batch: 80887

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	BQL	2	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-003-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7470A_DIG
Prep Date: 10/10/2005
Prep Time: 10:00
Prep Batch: 77947

Analytical Method: SW7471A_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 09:35
Analysis Batch: 80887

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	BQL	2	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-004-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7470A_DIG
Prep Date: 10/10/2005
Prep Time: 10:00
Prep Batch: 77947

Analytical Method: SW7471A_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 09:41
Analysis Batch: 80887

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	BQL	2	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-005-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7470A_DIG
Prep Date: 10/10/2005
Prep Time: 10:00
Prep Batch: 77947

Analytical Method: SW7471A_TCLP
Date Analyzed: 10/11/2005
Time Analyzed: 09:42
Analysis Batch: 80887

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	BQL	2	ug/L	U	1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-001-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3510C
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77942

Analytical Method: SW8081A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 21:27
Analysis Batch: 80870

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Chlordane	BQL	5.0	ug/L	U	1
Endrin	BQL	0.25	ug/L	U	1
Gamma-BHC (Lindane)	BQL	0.25	ug/L	U	1
Heptachlor	BQL	0.25	ug/L	U	1
Heptachlor Epoxide	BQL	0.25	ug/L	U	1
Methoxychlor	BQL	0.25	ug/L	U	1
Toxaphene	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-002-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3510C
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77942

Analytical Method: SW8081A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 21:56
Analysis Batch: 80870

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Chlordane	BQL	5.0	ug/L	U	1
Endrin	BQL	0.25	ug/L	U	1
Gamma-BHC (Lindane)	BQL	0.25	ug/L	U	1
Heptachlor	BQL	0.25	ug/L	U	1
Heptachlor Epoxide	BQL	0.25	ug/L	U	1
Methoxychlor	BQL	0.25	ug/L	U	1
Toxaphene	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-003-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3510C
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77942

Analytical Method: SW8081A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 22:26
Analysis Batch: 80870

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Chlordane	BQL	5.0	ug/L	U	1
Endrin	BQL	0.25	ug/L	U	1
Gamma-BHC (Lindane)	BQL	0.25	ug/L	U	1
Heptachlor	BQL	0.25	ug/L	U	1
Heptachlor Epoxide	BQL	0.25	ug/L	U	1
Methoxychlor	BQL	0.25	ug/L	U	1
Toxaphene	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-004-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3510C
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77942

Analytical Method: SW8081A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 22:55
Analysis Batch: 80870

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Chlordane	BQL	5.0	ug/L	U	1
Endrin	BQL	0.25	ug/L	U	1
Gamma-BHC (Lindane)	BQL	0.25	ug/L	U	1
Heptachlor	BQL	0.25	ug/L	U	1
Heptachlor Epoxide	BQL	0.25	ug/L	U	1
Methoxychlor	BQL	0.25	ug/L	U	1
Toxaphene	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-005-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3510C
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77942

Analytical Method: SW8081A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 23:25
Analysis Batch: 80870

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Chlordane	BQL	5.0	ug/L	U	1
Endrin	BQL	0.25	ug/L	U	1
Gamma-BHC (Lindane)	BQL	0.25	ug/L	U	1
Heptachlor	BQL	0.25	ug/L	U	1
Heptachlor Epoxide	BQL	0.25	ug/L	U	1
Methoxychlor	BQL	0.25	ug/L	U	1
Toxaphene	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-006-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3550
Prep Date: 10/07/2005
Prep Time: 00:00
Prep Batch: 77924

Analytical Method: SW8082
Date Analyzed: 10/11/2005
Time Analyzed: 05:34
Analysis Batch: 80864

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-007-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3550
Prep Date: 10/07/2005
Prep Time: 00:00
Prep Batch: 77924

Analytical Method: SW8082
Date Analyzed: 10/11/2005
Time Analyzed: 06:04
Analysis Batch: 80864

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-008-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3550
Prep Date: 10/07/2005
Prep Time: 00:00
Prep Batch: 77924

Analytical Method: SW8082
Date Analyzed: 10/11/2005
Time Analyzed: 10:05
Analysis Batch: 80864

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-009-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3550
Prep Date: 10/07/2005
Prep Time: 00:00
Prep Batch: 77924

Analytical Method: SW8082
Date Analyzed: 10/11/2005
Time Analyzed: 08:35
Analysis Batch: 80864

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-010-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW3550
Prep Date: 10/07/2005
Prep Time: 00:00
Prep Batch: 77924

Analytical Method: SW8082
Date Analyzed: 10/11/2005
Time Analyzed: 09:05
Analysis Batch: 80864

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	19	ug/kg	U	1
PCB-1221	BQL	19	ug/kg	U	1
PCB-1232	BQL	19	ug/kg	U	1
PCB-1242	BQL	19	ug/kg	U	1
PCB-1248	BQL	19	ug/kg	U	1
PCB-1254	BQL	19	ug/kg	U	1
PCB-1260	BQL	19	ug/kg	U	1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-001-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: EXT_SW8151
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77943

Analytical Method: SW8151A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 14:03
Analysis Batch: 80868

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-TP (Silvex)	BQL	5.0	ug/L	U	1
2,4-D	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-002-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: EXT_SW8151
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77943

Analytical Method: SW8151A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 14:28
Analysis Batch: 80868

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-TP (Silvex)	BQL	5.0	ug/L	U	1
2,4-D	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-003-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: EXT_SW8151
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77943

Analytical Method: SW8151A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 14:53
Analysis Batch: 80868

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-TP (Silvex)	BQL	5.0	ug/L	U	1
2,4-D	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-004-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: EXT_SW8151
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77943

Analytical Method: SW8151A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 15:18
Analysis Batch: 80868

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-TP (Silvex)	BQL	5.0	ug/L	U	1
2,4-D	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-005-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: EXT_SW8151
Prep Date: 10/08/2005
Prep Time: 00:00
Prep Batch: 77943

Analytical Method: SW8151A_TCLP
Date Analyzed: 10/10/2005
Time Analyzed: 15:43
Analysis Batch: 80868

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-TP (Silvex)	BQL	5.0	ug/L	U	1
2,4-D	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-006-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7.3_EXT
Prep Date: 10/10/2005
Prep Time: 08:00
Prep Batch: 77964

Analytical Method: SW9014R
Date Analyzed: 10/10/2005
Time Analyzed: 18:30
Analysis Batch: 80881

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Cyanide, Reactive	BQL	0.020	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-007-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7.3_EXT
Prep Date: 10/10/2005
Prep Time: 08:00
Prep Batch: 77964

Analytical Method: SW9014R
Date Analyzed: 10/10/2005
Time Analyzed: 18:30
Analysis Batch: 80881

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Cyanide, Reactive	BQL	0.020	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-008-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7.3_EXT
Prep Date: 10/10/2005
Prep Time: 08:00
Prep Batch: 77964

Analytical Method: SW9014R
Date Analyzed: 10/10/2005
Time Analyzed: 18:30
Analysis Batch: 80881

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Cyanide, Reactive	BQL	0.020	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-009-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7.3_EXT
Prep Date: 10/10/2005
Prep Time: 08:00
Prep Batch: 77964

Analytical Method: SW9014R
Date Analyzed: 10/10/2005
Time Analyzed: 18:30
Analysis Batch: 80881

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Cyanide, Reactive	BQL	0.020	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-010-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method: SW7.3_EXT
Prep Date: 10/10/2005
Prep Time: 08:00
Prep Batch: 77964

Analytical Method: SW9014R
Date Analyzed: 10/10/2005
Time Analyzed: 18:30
Analysis Batch: 80881

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Cyanide, Reactive	BQL	0.020	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-006-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9034R
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80852

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sulfide, Reactive	BQL	9.8	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-007-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9034R
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80852

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sulfide, Reactive	BQL	9.4	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-008-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9034R
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80852

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sulfide, Reactive	BQL	9.3	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-009-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9034R
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80852

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sulfide, Reactive	BQL	9.3	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-010-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9034R
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80852

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sulfide, Reactive	BQL	9.1	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-006-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9045C
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80854

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
pH	6.6	0.0	pH		1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-007-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9045C
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80854

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
pH	7.3	0.0	pH		1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-008-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9045C
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80854

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
pH	7.2	0.0	pH		1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-009-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9045C
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80854

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
pH	7.3	0.0	pH		1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-010-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9045C
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80854

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
pH	7.4	0.0	pH		1

Summary of Analytical Results

Client ID: DS-F-1
GPL ID: 510036-001-006-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9095A
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80855

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Free Liquid	BQL	5.0	%	U	1

Summary of Analytical Results

Client ID: DS-C-1
GPL ID: 510036-002-007-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9095A
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80855

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Free Liquid	BQL	5.0	%	U	1

Summary of Analytical Results

Client ID: DS-B-1
GPL ID: 510036-003-008-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9095A
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80855

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Free Liquid	BQL	5.0	%	U	1

Summary of Analytical Results

Client ID: DS-B-2
GPL ID: 510036-004-009-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9095A
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80855

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Free Liquid	BQL	5.0	%	U	1

Summary of Analytical Results

Client ID: DS-B-3
GPL ID: 510036-005-010-1/1
Matrix: SOIL
Date Collected: 10/06/2005
Date Received: 10/07/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9095A
Date Analyzed: 10/10/2005
Time Analyzed: 12:00
Analysis Batch: 80855

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Free Liquid	BQL	5.0	%	U	1

ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed October 11, 2005

GPL ID	Client ID
510036-003-003-1/1	DS-B-1
510036-003-008-1/1	DS-B-1
510036-004-004-1/1	DS-B-2
510036-004-009-1/1	DS-B-2
510036-005-005-1/1	DS-B-3
510036-005-010-1/1	DS-B-3
510036-002-002-1/1	DS-C-1
510036-002-007-1/1	DS-C-1
510036-001-001-1/1	DS-F-1
510036-001-006-1/1	DS-F-1

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	11/02/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-511012

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [6] soil samples collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table

Sample Number	Collection Date	Matrix	Analysis Requested
DS-D-1, DS-D-1V, DS-D-2, DS-D-2V, DS-D-3, DS-D-3V, DS-D-4, DS-D-4V, DS-D-5, DS-D-5V, DS-D-6 and DS-D-6V,	11/01/2005 (all)	SOIL	TCLP SVOC – SW-8270C, TCLP Pest – SW-8081A, TCLP Herb – SW-8151A, Total PCB – SW-8082, TCLP Metals – SW-6010B and 7471A, Reactive Cyanide – SW-9014R, Reactive Sulfide – SW-9034R, pH – SW-9045C, Paint Filter – SW-9095A, and Flashpoint – SW-1010

All sample analyses were performed within the required holding times. All samples were received at the laboratory intact. The cooler was submitted with chain-of-custody forms and was received having a temperature of 2°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

TCLP Volatile Analysis in Soil by ZHE/5030B/SW-8260B

The laboratory placed all submitted samples on ice within the required 48-hours of sample collection. All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes This is indicative of acceptable method accuracy and instrument control.

MS: Sample DS-D-5V was selected as the QC matrix sample. The MS recoveries are within laboratory acceptance criteria for target analytes. This is indicative of acceptable matrix accuracy.

Alternate Source Calibration: The ASCs were within the acceptable percent difference for the target analytes.

Continuing Calibration: The recoveries for Vinyl chloride were below the 20% criteria for two CCCs. The recoveries were low when compared to the initial calibration. The LCS and MS recoveries are acceptable. The results reported for Vinyl chloride are qualified as estimated and represent a minimum concentration in the sample.

ISTD: The ISTD areas were within acceptance criteria when compared to the Initial Calibration areas. This indicates that matrix interferences were minimal and the instrument maintained control throughout the analytical run.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

TCLP Semi-Volatile Analysis in Soil by SW1311/8270C

All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within project acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifies proper instrument control.

MS: The MS was performed on a non-project related sample. MS recovery data has no influence on the quality of data for this project's samples.

ISTD: All ISTD recoveries are within control limits.

Surrogates: There was one surrogate recovery that was slightly below project control limits in 3 samples. All other surrogate recoveries are within acceptable criteria. No qualification is required since 5 of 6 surrogates are within control limits.

TCLP Pesticide Analysis in Soil by SW-1311/8081A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples were high for some analytes. No analytes were detected in the samples. No qualification necessary.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS: The MS was performed on a non-project related sample. MS recovery data has no influence on the quality of data for this project's samples.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples were below control limits for both primary and secondary columns. PCBs were not detected above the reporting limit. The LCS and MS/MSD were acceptable as described below. The results will be qualified as estimated to be below the reporting limit, UJ.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD was performed on a non-project related sample. MS/MSD recovery data has no influence on the quality of data for this project's samples.

Surrogates: The surrogate recoveries for Decachlorobiphenyl were below control limits for 3 samples. The low recoveries were confirmed by the secondary column. This indicates matrix interference. All surrogate recoveries for TCMX are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

TCLP Herbicide Analysis in Soil by SW1311/8151A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS: The MS was performed on a non-project related sample. MS recovery data has no influence on the quality of data for this project's samples.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

TCLP Metals Analysis in Soil by SW1311/6010B and SW7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. Although GPL did not provide calibration check information, the case narrative specifically staties instrument calibration checks are within control limits.

Method Blanks: The method blank results are below reporting limits.

LCS: The LCS recoveries are within acceptance criteria for the target analytes.

MS/MSD: Sample DS-D-1 and DS-D-4 (Mercury) were chosen for MS/MSD analysis. The MS/MSD recoveries are indicative of acceptable matrix accuracy and precision.

General Chemistry

LCS recoveries for all spiked compounds were within control limits indicating acceptable method accuracy. A duplicate sample analysis was performed for reactive cyanide, reactive sulfide, Free Liquid, and pH on sample DS-D-1. The percent RPD was within project objectives for pH. Percent RPDs could not be compared to the other duplicate since the results were below the QL.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The reported data should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/16/6
Date

Analytical Report For 510059

for

Shaw E&I, Inc

Project Manager: Guy Gallello

Project Name: SAD-AOC2

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

A composite was made on 10/13/05 from three soil samples originally received on 10/07/2005. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Metals

One soil sample was analyzed for TCLP metals plus beryllium by EPA SW846 methods.

The interference check standard A was more than half the reporting limit for chromium (ICP run 051017)

A matrix spike, and matrix spike duplicate were performed on sample DS-B-COMP for TCLP metals and beryllium. A serial dilution was also performed for ICP analytes. The matrix spike duplicate were outside of the control limits for arsenic, selenium, silver; all associated data were flagged with an "N".

Calibration standards are verified against independent check standards purchased from a commercial vendor of environmental standards.

All GPL QA/QC criteria were met with the exception of those mentioned above.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

GPL Laboratories, LLLP

Sample Summary Report

Shaw E&I, Inc

Work Order: 510059

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
DS-B-COMP	510059-001-001-1/1	SW6010B_TCLP	SOIL	10/06/2005	10/13/2005
	510059-001-001-1/1	SW7471A_TCLP			
	510059-001-001-1/1	CLP_SOLIDS			

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	DS-B-COMP	Lab Sample ID:	510059-001-001-1/1
Sample Date/Time:	10/06/2005 00:00	Percent Moisture:	15.18
Receipt Date/Time:	10/13/2005 12:20	Preparation Method:	SW3010A
Prepared Date/Time:	10/14/2005 00:00	Analytical Method:	SW6010B_TCLP

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Arsenic	BQL	UN	200	1	ug/L	10/17/05	21:36
2)	Barium	BQL	U	1000	1	ug/L	10/17/05	21:36
3)	Beryllium	BQL	U	20	1	ug/L	10/17/05	21:36
4)	Cadmium	BQL	U	60	1	ug/L	10/17/05	21:36
5)	**Chromium**	**81.2**		**50**	**1**	**ug/L**	**10/17/05**	**21:36**
6)	**Lead**	**645**		**100**	**1**	**ug/L**	**10/17/05**	**21:36**
7)	Selenium	BQL	UN	200	1	ug/L	10/17/05	21:36
8)	Silver	BQL	UN	50	1	ug/L	10/17/05	21:36

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	DS-B-COMP	Lab Sample ID:	510059-001-001-1/1
Sample Date/Time:	10/06/2005 00:00	Percent Moisture:	15.18
Receipt Date/Time:	10/13/2005 12:20	Preparation Method:	SW7470A_DIG
Prepared Date/Time:	10/17/2005 12:30	Analytical Method:	SW7471A_TCLP

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Mercury	BQL	U	2	1	ug/L	10/18/05	09:19

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	DS-B-COMP	Lab Sample ID:	510059-001-001-1/1
Sample Date/Time:	10/06/2005 00:00	Percent Moisture:	15.18
Receipt Date/Time:	10/13/2005 12:20	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**85**		**1.0**	**1**	**%**	**10/14/05**	**18:54**

Qualifier Definitions

Shaw E&I, Inc

Work Order: 510059

All Departments

U	Indicates that the compound was analyzed for but not detected
BQL	Below Quantitation Limit

Organics

B	Indicates that the analyte was found in the associated blank as well as in the sample
D	Indicates that the analyte was reported from a diluted analysis
E	Indicates that the concentration detected exceeded the calibration range of the instrument
J	Value is less than the reporting limit but greater than the MDL
P	Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

J	Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL
E	Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)
H	Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit
D	Indicates that the analyte was reported from a diluted analysis
N	Spiked sample recovery not within control limits
*	Duplicate analysis not within control limits

GPL Laboratories, LLLP

Chain of Custody

Shaw E&I, Inc

SDG: 510059

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract #/Billing Reference

of Pgs.

Project: Schenectady Army Depot
Client: Shaw
Send Results To: Guy Gallello
Address: 16406 US Rt 224 East
Findlay OH 45840
Phone: 419 425 6080

Turnaround Time: 3-day
# of Containers: 1
Container Type:
Preservative Used:
Type of Analysis: TCLP metals
Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	TCLP metals	CLIENT COMMENTS
DS-B-Comp	10/6/05	-	soil	-	X	Samples DS-B-1 DS-B-2 & DS-B-3 from GPL w/O 510036 composited (100g each) 10/13/05 by VZ

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				2.0

G.P. W.O. 510059

GPL Laboratories, LLLP
7210A Corporate CT, Frederick, MD 21703
Tel. (301)694-5310 Fax (301)620-0731

www.gplab.com

Virginia Zusman

From: "Gallello, Guy" <Guy.Gallello@shawgrp.com>
To: "Virginia Zusman" <zusman@gplab.com>
Cc: "Mathison, Tom" <Tom.Mathison@shawgrp.com>; "Reichenbach, Keith" <Keith.Reichenbach@shawgrp.com>
Sent: Thursday, October 13, 2005 10:21 AM
Subject: Additional analysis request

Virginia,

Based upon the results received to date I have an additional analysis request using samples currently in the lab's possession

- Composite equal portions of the following three samples-enough to perform TCLP extraction
  - DS-B-1; GPL ID 510036-003-008-1/1
  - DS-B-2; GPL ID 510036-004-009-1/1
  - DS-B-3; GPL ID 510036-005-010-1/1
- Label composite DS-B-Comp and assign a new GPL ID
- Analyze DS-B-Comp for TCLP/Metals- on 3-5 day TAT

Any questions please contact me.

Thanks,

Guy

Guy Gallello, Jr
Federal Technical Office Lead
Shaw Environmental & Infrastructure
16406 US Rte 224 East
Findlay, OH 45840
Phone 419-425-6080
Fax 419-425-6085
Cell 419-348-5828
www.shawgrp.com

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GPL Laboratories, LLLP

Figure 1
SAMPLE RECEIPT CHECKLIST

W.O. No: 510059
Client Name: Shaw
Date Received: 10/13/05
Time Received: —
Received By: —

Carrier Name: —
Prepared (Logged In) By: MD, 10/13/05 (Initials Date)
Project:
Site:
VOA Holding Blank I.D. No:

	YES	NO
Airbill/Manifest Present?		✓
No.		
Shipping Container in Good Condition?	✓	
Custody Seals Present on Shipping Container?		✓
Condition: Broken / Intact-not dated or signed / Intact-dated and signed		
Usage of Tamper Evident Type	✓	
Chain-of-Custody Present?	✓	
Chain-of-Custody Agrees with Sample Labels?	✓	
Chain-of-Custody Signed?	✓	
Packing Present in Shipping Container? Type of Packing	✓	
Custody seals on Sample Bottles? Condition: Good / Broken	✓	
Total Number of Sample Bottles 1		
Total Number of Samples 1		
Samples Intact?	✓	
Sufficient Sample Volume for Indicated Test?	✓	

	YES	NO
Trip Blanks: No. of Sets		✓
Field Blanks: No. of Sets		✓
Equip. Blank: No. of Sets		✓
Field Duplicate: No. of Sets		✓
MS/MSD: No of Sets		✓
VOA Vials Have Zero Headspace? If yes, smaller or greater than a Green Pea (see comments)		
Preservatives Added to Sample?		✓
pH Check Required?		✓
Performed By?		✓
Ice Present in Shipping Container?	✓	

Container #	Temp.	Container #	Temp.
1	2.0		

MD

Project Manager Contacted? Virginia
Name:
Date Contacted: 10/13/05

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked N/A!

COMMENTS:

Checklist Completed By: MD
Date: 10/13/05

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	11/02/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-511013

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [1] soil sample collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The sample was analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
DS-D-7, and DS-D-7V	11/01/2005	SOIL	TCLP SVOC – SW-8270C, TCLP Pest – SW-8081A, TCLP Herb – SW-8151A, Total PCB – SW-8082, TCLP Metals – SW-6010B and 7471A, Reactive Cyanide – SW-9014R, Reactive Sulfide – SW-9034R, pH – SW-9045C, Paint Filter – SW-9095A, and Flashpoint – SW-1010

All sample analyses were performed within the required holding times. The sample was received at the laboratory intact. The cooler was submitted with chain-of-custody form and was received having a temperature of 2°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

TCLP Volatile Analysis in Soil by ZHE/5030B/SW-8260B

The laboratory placed all submitted samples on ice within the required 48-hours of sample collection. All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes This is indicative of acceptable method accuracy and instrument control.

MS: Sample DS-D-5V was selected as the QC matrix sample. Refer to Data Package 511012 for additional details. The MS recoveries are within laboratory acceptance criteria for target analytes. This is indicative of acceptable matrix accuracy.

Alternate Source Calibration: The ASCs were within the acceptable percent difference for the target analytes.

Continuing Calibration: The recoveries for Vinyl chloride were below the 20% criteria for two CCCs. The recoveries were low when compared to the initial calibration. The LCS and MS recoveries are acceptable. The results reported for Vinyl chloride are qualified as estimated and represent a minimum concentration in the sample.

ISTD: The ISTD areas were within acceptance criteria when compared to the Initial Calibration areas. This indicates that matrix interferences were minimal and the instrument maintained control throughout the analytical run.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

TCLP Semi-Volatile Analysis in Soil by SW1311/8270C

All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within project acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifies proper instrument control.

MS: The MS was performed on a non-project related sample. MS recovery data has no influence on the quality of data for this project's samples.

ISTD: All ISTD recoveries are within control limits.

Surrogates: There was one surrogate recovery that was slightly below project control limits in 3 samples. All other surrogate recoveries are within acceptable criteria. No qualification is required since 5 of 6 surrogates are within control limits.

TCLP Pesticide Analysis in Soil by SW-1311/8081A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples were high for some analytes. No analytes were detected in the samples. No qualification necessary.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS: The MS was performed on a non-project related sample. MS recovery data has no influence on the quality of data for this project's samples.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples were below control limits for both primary and secondary columns. PCBs were not detected above the reporting limit. The LCS and MS/MSD were acceptable as described below. The results will be qualified as estimated to be below the reporting limit, UJ.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD was performed on a non-project related sample. MS/MSD recovery data has no influence on the quality of data for this project's samples.

Surrogates: The surrogate recoveries for Decachlorobiphenyl were below control limits for 3 samples. The low recoveries were confirmed by the secondary column. This indicates matrix interference. All surrogate recoveries for TCMX are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

TCLP Herbicide Analysis in Soil by SW1311/8151A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS: The MS was performed on a non-project related sample. MS recovery data has no influence on the quality of data for this project's samples.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

TCLP Metals Analysis in Soil by SW1311/6010B and SW7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. Although GPL did not provide calibration check information, the case narrative specifically staties instrument calibration checks are within control limits.

Method Blanks: The method blank results are below reporting limits.

LCS: The LCS recoveries are within acceptance criteria for the target analytes.

MS/MSD: Sample DS-D-7 was chosen for MS/MSD analysis. The MS/MSD recoveries are indicative of acceptable matrix accuracy and precision.

General Chemistry

LCS recoveries for all spiked compounds were within control limits indicating acceptable method accuracy. A duplicate sample analysis was performed on a non-project related sample. This analysis has no influence on the quality of data for this project.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. The reported data should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/16/6
Date

Analytical Report For 511013

for

Shaw E&I, Inc

Project Manager : Guy Gallello

Project Name : SAD-AOC2

November 7, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-009-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: CLP_SOLIDS
Date Analyzed: 11/03/2005
Time Analyzed: 11:29
Analysis Batch: 81683

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Solids	84	1.0	%		1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-008-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW1010
Date Analyzed: 11/02/2005
Time Analyzed: 00:00
Analysis Batch: 81704

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Flash Point	BQL	100	DC	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-007-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: SW3010A
Prep Date: 11/03/2005
Prep Time: 00:00
Prep Batch: 78492

Analytical Method: SW6010B_TCLP
Date Analyzed: 11/04/2005
Time Analyzed: 03:48
Analysis Batch: 81836

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Arsenic	BQL	200	ug/L	U	1
Barium	BQL	1000	ug/L	U	1
Beryllium	BQL	20	ug/L	U	1
Cadmium	BQL	60	ug/L	U	1
Chromium	BQL	50	ug/L	U	1
Lead	154	100	ug/L		1
Selenium	BQL	200	ug/L	U	1
Silver	BQL	50	ug/L	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-007-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: SW7470A_DIG
Prep Date: 11/04/2005
Prep Time: 17:15
Prep Batch: 78509

Analytical Method: SW7471A_TCLP
Date Analyzed: 11/07/2005
Time Analyzed: 15:44
Analysis Batch: 81835

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Mercury	BQL	2	ug/L	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-007-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: SW3510C
Prep Date: 11/03/2005
Prep Time: 00:00
Prep Batch: 78483

Analytical Method: SW8081A_TCLP
Date Analyzed: 11/04/2005
Time Analyzed: 17:11
Analysis Batch: 81837

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Chlordane	BQL	5.0	ug/L	U	1
Endrin	BQL	0.25	ug/L	U	1
Gamma-BHC (Lindane)	BQL	0.25	ug/L	U	1
Heptachlor	BQL	0.25	ug/L	U	1
Heptachlor Epoxide	BQL	0.25	ug/L	U	1
Methoxychlor	BQL	0.25	ug/L	U	1
Toxaphene	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-008-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: SW3550
Prep Date: 11/02/2005
Prep Time: 00:00
Prep Batch: 78448

Analytical Method: SW8082
Date Analyzed: 11/03/2005
Time Analyzed: 14:01
Analysis Batch: 81787

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
PCB-1016	BQL	20	ug/kg	U	1
PCB-1221	BQL	20	ug/kg	U	1
PCB-1232	BQL	20	ug/kg	U	1
PCB-1242	BQL	20	ug/kg	U	1
PCB-1248	BQL	20	ug/kg	U	1
PCB-1254	BQL	20	ug/kg	U	1
PCB-1260	BQL	20	ug/kg	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-007-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: EXT_SW8151
Prep Date: 11/03/2005
Prep Time: 16:02
Prep Batch: 78503

Analytical Method: SW8151A_TCLP
Date Analyzed: 11/07/2005
Time Analyzed: 13:55
Analysis Batch: 81825

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
2,4,5-TP (Silvex)	BQL	5.0	ug/L	U	1
2,4-D	BQL	5.0	ug/L	U	1

Summary of Analytical Results

Client ID: DS-D-7V
GPL ID: 511013-002-001-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: SW5030B
Prep Date: 11/04/2005
Prep Time: 09:50
Prep Batch: 78529

Analytical Method: SW8260B_TCLP
Date Analyzed: 11/04/2005
Time Analyzed: 18:12
Analysis Batch: 81830

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,1-Dichloroethene	BQL	100	ug/kg	U	10
1,2-Dichloroethane	BQL	100	ug/kg	U	10
2-Butanone	BQL	100	ug/kg	U	10
Benzene	BQL	100	ug/kg	U	10
Carbon Tetrachloride	BQL	100	ug/kg	U	10
Chlorobenzene	BQL	100	ug/kg	U	10
Chloroform	BQL	100	ug/kg	U	10
Tetrachloroethylene	BQL	100	ug/kg	U	10
Trichloroethene	BQL	100	ug/kg	U	10
Vinyl Chloride	29	100	ug/kg	J	10

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-007-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: SW3510C
Prep Date: 11/03/2005
Prep Time: 00:00
Prep Batch: 78473

Analytical Method: SW8270C_TCLP
Date Analyzed: 11/07/2005
Time Analyzed: 09:06
Analysis Batch: 81810

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,4-Dichlorobenzene	BQL	50	ug/L	U	1
2,4,5-Trichlorophenol	BQL	50	ug/L	U	1
2,4,6-Trichlorophenol	BQL	50	ug/L	U	1
2,4-Dinitrotoluene	BQL	50	ug/L	U	1
2-methylphenol	BQL	50	ug/L	U	1
3-Methylphenol	BQL	50	ug/L	U	1
4-methylphenol	BQL	50	ug/L	U	1
Hexachlorobenzene	BQL	50	ug/L	U	1
Hexachlorobutadiene	BQL	50	ug/L	U	1
Hexachloroethane	BQL	50	ug/L	U	1
Nitrobenzene	BQL	50	ug/L	U	1
Pentachlorophenol	BQL	100	ug/L	U	1
Pyridine	BQL	50	ug/L	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-007-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: SW3510C
Prep Date: 11/03/2005
Prep Time: 00:00
Prep Batch: 78473

Analytical Method: SW8270C_TCLP
Date Analyzed: 11/07/2005
Time Analyzed: 09:06
Analysis Batch: 81811

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
1,4-Dichlorobenzene	BQL	50	ug/L	U	1
2,4,5-Trichlorophenol	BQL	50	ug/L	U	1
2,4,6-Trichlorophenol	BQL	50	ug/L	U	1
2,4-Dinitrotoluene	BQL	50	ug/L	U	1
2-methylphenol	BQL	50	ug/L	U	1
3-Methylphenol	BQL	50	ug/L	U	1
4-methylphenol	BQL	50	ug/L	U	1
Hexachlorobenzene	BQL	50	ug/L	U	1
Hexachlorobutadiene	BQL	50	ug/L	U	1
Hexachloroethane	BQL	50	ug/L	U	1
Nitrobenzene	BQL	50	ug/L	U	1
Pentachlorophenol	BQL	100	ug/L	U	1
Pyridine	BQL	50	ug/L	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-009-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method: SW7.3_EXT
Prep Date: 11/02/2005
Prep Time: 12:00
Prep Batch: 78457

Analytical Method: SW9014R
Date Analyzed: 11/03/2005
Time Analyzed: 18:00
Analysis Batch: 81795

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Cyanide, Reactive	BQL	0.020	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-009-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9034R
Date Analyzed: 11/02/2005
Time Analyzed: 16:00
Analysis Batch: 81793

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Sulfide, Reactive	BQL	9.5	mg/kg	U	1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-009-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9045C
Date Analyzed: 11/02/2005
Time Analyzed: 15:00
Analysis Batch: 81705

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
pH	7.2	0.0	pH		1

Summary of Analytical Results

Client ID: DS-D-7
GPL ID: 511013-001-009-1/1
Matrix: SOIL
Date Collected: 11/01/2005
Date Received: 11/02/2005

Prep Method:
Prep Date:
Prep Time:
Prep Batch:

Analytical Method: SW9095A
Date Analyzed: 11/03/2005
Time Analyzed: 16:00
Analysis Batch: 81820

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Percent Free Liquid	BQL	5.0	%	U	1

ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed November 7, 2005

GPL ID	Client ID
511013-001-007-1/1	DS-D-7
511013-001-008-1/1	DS-D-7
511013-001-009-1/1	DS-D-7
511013-002-001-1/1	DS-D-7V

Shaw™

Shaw Environmental & Infrastructure, Inc.

Data Validation Report

16406 U.S. Route 224 East • Findlay, Ohio 45840 *Findlay Ohio Office – Federal Technical Services*

PROJECT NUMBER:	838360		
PROJECT MANAGER:	Tom Mathison	**SAMPLE RECEIPT DATE:**	11/03/2005
PROJECT NAME:	USACE-Schenectady	**LABORATORY SDG:**	GPL-511024

The Findlay Ohio Federal Technical Services Group has performed a QA evaluation of the data report from GPL Laboratories, LLLP, Frederick, MD. The results are for [12] soil samples collected at the Former Schenectady Army Depot (AOC 2), Voorheesville Area, New York by on-site Shaw E & I personnel. The samples were analyzed for the parameters listed in the Sample Summary Table.

Sample Summary Table			
Sample Number	Collection Date	Matrix	Analysis Requested
EX-D-13, EX-D-14, EX-D-15, EX-D-16, EX-D-17, EX-D-18, EX-D-19, EX-D-20, EX-D-21, EX-D-22, EX-D-DUPLICATE, and EX-D-DUPLICATE 2	11/02/2005 (all)	SOIL	VOC – SW-8260B SVOC – SW-8270C PCB – SW-8082 HERB – SW-8151A PEST – SW-8081A METALS – SW-6010B

All sample analyses were performed within the required holding times. All samples were received at the laboratory intact. There were 3 coolers submitted with chain-of-custody forms and were received each having a temperature of 2°C upon opening. The laboratory provided an electronic copy of the data within the specified turn around time. The following describes the overall QA/QC indicators.

Volatile Analysis in Soil by SW-5035A/8260B

The laboratory placed all submitted samples on ice within the required 48-hours of sample collection. All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for all target analytes. This is indicative of acceptable method accuracy.

MS/MSD: Sample EX-B-1 was selected for the QC matrix. This sample information is included with GPL data package 510011. The reported data for the MS/MSD is not indicative of the quality of data for this project's samples.

Alternate Source Calibration: The ASCs were within the acceptable percent difference for the target analytes.

Continuing Calibration: The recoveries for several analytes in the CCCs analyzed were above the 15% criteria indicating a high bias. Target analytes were not detected with the high bias. No qualification is necessary.

ISTD: All ISTD areas are within control limits when compared to the initial calibration areas.

Surrogates: Several surrogates were above the acceptance criteria. Since the recoveries were high, no qualification is necessary for samples where the target analytes were not detected. All samples contain petroleum product which interferes with integration of peaks. Therefore, the analytes detected are estimated values for those samples with high surrogate recoveries (EX-D-17, EX-D-18, EX-D-21, EX-D-22, and EX-D-DUPLICATE 2).

Semi-Volatile Analysis in Soil by SW-3550B/8270C

All analyses and QC runs were completed within valid 12- hour tune clocks. The GC/MS system was tuned and calibrated for the target analytes and surrogate compounds in accordance with method requirements.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within project acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifies proper instrument control.

MS/MSD: The MS/MSD recoveries are within laboratory acceptance criteria for target analytes. This is indicative of acceptable matrix accuracy and precision.

ISTD: All ISTD recoveries are within control limits.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

PCB Analysis in Soil by SW8082

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Herbicide Analysis in Soil by SW8151A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries are within acceptance criteria for target analytes. This is indicative of acceptable method accuracy and matrix precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Pesticide Analysis in Soil by SW8081A

The GC system was calibrated for the target analytes and surrogate compounds in accordance with method requirements for both front and rear columns. The integrity of the primary standards was validated through analysis of a second source standard. Calibration check samples verified instrument calibration.

Method Blanks: The method blank results are below reporting limits for the target analytes. This is indicative of proper sample handling and for ensuring a contaminant free analytical system.

LCS: The LCS recoveries are within acceptance criteria for the target analytes. This is indicative of acceptable method accuracy and verifying proper instrument control.

MS/MSD: The MS/MSD recoveries were within control limits. This is indicative of acceptable matrix accuracy and precision.

Surrogates: All surrogate recoveries are within acceptable criteria. This is indicative of acceptable method extraction and maintaining instrument control throughout the analytical sequence.

Total Metals Analysis in Soil by SW-3050B/6010B and SW-7471A

The ICP and CVAA systems were calibrated for the target analytes in accordance with method requirements. All instrument interference check samples were within control limits. The initial and continuing calibration check samples were within control limits. The initial calibration blank results were below reporting limits. Few analytes were detected in the continuing calibration blank samples. These results were less than 10 times the associated samples results. No qualification necessary.

Method Blanks: The method blank results are below reporting limits for all analytes. The method blank contained trace amounts of Barium, Calcium, Chromium, Magnesium, Manganese and Zinc below the reporting limit but above the method detection limit. No qualification necessary.

LCS: The LCS recoveries are within acceptance criteria for the target analytes.

MS/MSD: Sample EX-D-13 was chosen for MS/MSD analysis. Antimony recoveries were below acceptance criteria. The post spike recovery for antimony was within control limits. The RPD value for antimony was outside control limits. The result for antimony is considered estimated, UJ. Insufficient addition of spike concentration is the reason for poor recoveries for 7 other metals. The RPD values for these 7 analytes are within control limits indicating acceptable matrix precision. No qualification required.

Summary of Analysis

The overall Quality Control data provided in the laboratory report is representative of adequate method accuracy and precision with regard to project objectives. Several VOC analytes are reported as estimated maximum values. The reported data for all other analyses should be utilized, without reservation, in the intended project decision-making process.

Philip D. Conley-Project Chemist

1/16/6
Date

Analytical Report For 511024

for

Shaw E&I, Inc

Project Manager: Guy Gallello

Project Name : SAD-AOC2

November 9, 2005

GPL

Laboratories

GPL Laboratories, LLLP Certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed by, Project Manager	Approved by, Laboratory Director

7210A Corporate CT Frederick, MD 21703 Phone (301) 694-5310 Fax: (301) 620-0731
www.gplab.com

Summary of Analytical Results

Client ID: EX-D-13
GPL ID: 511024-001-039-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/07/2005
Time Analyzed: 19:19
Analysis Batch: 81892

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Chromium	26.9	.9	mg/kg	D	2
Lead	18.4	1.8	mg/kg	D	2
Magnesium	6900	44.8	mg/kg	D	2
Manganese	880	.9	mg/kg	D	2
Selenium	BQL	3.6	mg/kg	UD	2
Silver	BQL	.9	mg/kg	UD	2
Thallium	1.3	5.4	mg/kg	JD	2
Vanadium	31.7	1.8	mg/kg	ND	2

Summary of Analytical Results

Client ID: EX-D-13
GPL ID: 511024-001-039-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 20:37
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	19600	17.9	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	11.1	1.8	mg/kg	N	1
Barium	111	.45	mg/kg	N	1
Beryllium	1.4	.18	mg/kg		1
Cadmium	0.40	.54	mg/kg	J	1
Calcium	1860	89.6	mg/kg		1
Cobalt	41.1	.45	mg/kg		1
Copper	48.7	.9	mg/kg		1
Iron	40600	13.4	mg/kg		1
Nickel	40.3	.9	mg/kg		1
Potassium	1710	22.4	mg/kg	N	1
Zinc	106	1.8	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-14
GPL ID: 511024-002-040-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 21:20
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	27300	24.4	mg/kg		1
Antimony	BQL	2.4	mg/kg	UN	1
Arsenic	11.1	2.4	mg/kg	N	1
Barium	90.0	.61	mg/kg	N	1
Beryllium	1.0	.24	mg/kg		1
Cadmium	0.46	.73	mg/kg	J	1
Calcium	2240	122	mg/kg		1
Chromium	35.1	.61	mg/kg		1
Cobalt	15.2	.61	mg/kg		1
Copper	42.9	1.2	mg/kg		1
Iron	49600	18.3	mg/kg		1
Lead	20.9	1.2	mg/kg		1
Magnesium	7820	30.5	mg/kg		1
Manganese	709	.61	mg/kg		1
Nickel	34.8	1.2	mg/kg		1
Potassium	1900	30.5	mg/kg	N	1
Selenium	1.7	2.4	mg/kg	J	1
Silver	BQL	.61	mg/kg	U	1
Thallium	0.67	3.7	mg/kg	J	1
Vanadium	45.2	1.2	mg/kg	N	1
Zinc	101	2.4	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-15
GPL ID: 511024-003-041-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 21:29
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	16300	15.4	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	6.4	1.5	mg/kg	N	1
Barium	78.7	.38	mg/kg	N	1
Beryllium	0.86	.15	mg/kg		1
Cadmium	0.53	.46	mg/kg		1
Calcium	2780	76.9	mg/kg		1
Chromium	24.8	.38	mg/kg		1
Cobalt	13.7	.38	mg/kg		1
Copper	43.8	.77	mg/kg		1
Iron	34300	11.5	mg/kg		1
Lead	15.7	.77	mg/kg		1
Magnesium	7490	19.2	mg/kg		1
Manganese	387	.38	mg/kg		1
Nickel	37.9	.77	mg/kg		1
Potassium	1880	19.2	mg/kg	N	1
Selenium	0.97	1.5	mg/kg	J	1
Silver	BQL	.38	mg/kg	U	1
Thallium	0.58	2.3	mg/kg	J	1
Vanadium	27.4	.77	mg/kg	N	1
Zinc	89.4	1.5	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-16
GPL ID: 511024-004-042-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 22:20
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15800	17.1	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	9.3	1.7	mg/kg	N	1
Barium	82.3	.43	mg/kg	N	1
Beryllium	0.87	.17	mg/kg		1
Cadmium	0.56	.51	mg/kg		1
Calcium	27400	85.4	mg/kg		1
Chromium	23.7	.43	mg/kg		1
Cobalt	17.4	.43	mg/kg		1
Copper	45.3	.85	mg/kg		1
Iron	35400	12.8	mg/kg		1
Lead	17.9	.85	mg/kg		1
Magnesium	9030	21.4	mg/kg		1
Manganese	829	.43	mg/kg		1
Nickel	37.9	.85	mg/kg		1
Potassium	2200	21.4	mg/kg	N	1
Selenium	0.82	1.7	mg/kg	J	1
Silver	BQL	.43	mg/kg	U	1
Thallium	0.62	2.6	mg/kg	J	1
Vanadium	27.1	.85	mg/kg	N	1
Zinc	94.1	1.7	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-17
GPL ID: 511024-005-043-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 22:29
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15400	15.3	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	8.6	1.5	mg/kg	N	1
Barium	74.6	.38	mg/kg	N	1
Beryllium	0.79	.15	mg/kg		1
Cadmium	0.58	.46	mg/kg		1
Calcium	28700	76.4	mg/kg		1
Chromium	23.0	.38	mg/kg		1
Cobalt	15.9	.38	mg/kg		1
Copper	44.1	.76	mg/kg		1
Iron	34600	11.5	mg/kg		1
Lead	16.4	.76	mg/kg		1
Magnesium	8860	19.1	mg/kg		1
Manganese	668	.38	mg/kg		1
Nickel	35.0	.76	mg/kg		1
Potassium	2070	19.1	mg/kg	N	1
Selenium	0.80	1.5	mg/kg	J	1
Silver	BQL	.38	mg/kg	U	1
Thallium	0.55	2.3	mg/kg	J	1
Vanadium	26.0	.76	mg/kg	N	1
Zinc	85.0	1.5	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-18
GPL ID: 511024-006-044-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 22:37
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15200	18.1	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	8.4	1.8	mg/kg	N	1
Barium	72.6	.45	mg/kg	N	1
Beryllium	0.77	.18	mg/kg		1
Cadmium	0.59	.54	mg/kg		1
Calcium	30500	90.5	mg/kg		1
Chromium	22.8	.45	mg/kg		1
Cobalt	14.6	.45	mg/kg		1
Copper	37.6	.9	mg/kg		1
Iron	34300	13.6	mg/kg		1
Lead	15.3	.9	mg/kg		1
Magnesium	8740	22.6	mg/kg		1
Manganese	639	.45	mg/kg		1
Nickel	34.5	.9	mg/kg		1
Potassium	1990	22.6	mg/kg	N	1
Selenium	0.75	1.8	mg/kg	J	1
Silver	BQL	.45	mg/kg	U	1
Thallium	BQL	2.7	mg/kg	U	1
Vanadium	25.8	.9	mg/kg	N	1
Zinc	81.3	1.8	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-19
GPL ID: 511024-007-045-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 22:46
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	17900	16.4	mg/kg		1
Antimony	BQL	1.6	mg/kg	UN	1
Arsenic	9.3	1.6	mg/kg	N	1
Barium	129	.41	mg/kg	N	1
Beryllium	0.97	.16	mg/kg		1
Cadmium	0.52	.49	mg/kg		1
Calcium	2160	82.2	mg/kg		1
Chromium	25.7	.41	mg/kg		1
Cobalt	14.9	.41	mg/kg		1
Copper	41.7	.82	mg/kg		1
Iron	38600	12.3	mg/kg		1
Lead	16.8	.82	mg/kg		1
Magnesium	6930	20.5	mg/kg		1
Manganese	705	.41	mg/kg		1
Nickel	45.0	.82	mg/kg		1
Potassium	1910	20.5	mg/kg	N	1
Selenium	1.2	1.6	mg/kg	J	1
Silver	0.051	.41	mg/kg	J	1
Thallium	0.84	2.5	mg/kg	J	1
Vanadium	29.5	.82	mg/kg	N	1
Zinc	92.9	1.6	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-20
GPL ID: 511024-008-046-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 22:54
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	18600	17.3	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	7.9	1.7	mg/kg	N	1
Barium	83.4	.43	mg/kg	N	1
Beryllium	0.82	.17	mg/kg		1
Cadmium	0.42	.52	mg/kg	J	1
Calcium	5560	86.7	mg/kg		1
Chromium	26.7	.43	mg/kg		1
Cobalt	13.8	.43	mg/kg		1
Copper	71.0	.87	mg/kg		1
Iron	36000	13	mg/kg		1
Lead	44.6	.87	mg/kg		1
Magnesium	6120	21.7	mg/kg		1
Manganese	379	.43	mg/kg		1
Nickel	28.8	.87	mg/kg		1
Potassium	1650	21.7	mg/kg	N	1
Selenium	1.2	1.7	mg/kg	J	1
Silver	BQL	.43	mg/kg	U	1
Thallium	0.48	2.6	mg/kg	J	1
Vanadium	30.3	.87	mg/kg	N	1
Zinc	77.4	1.7	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-DUPLICATE
GPL ID: 511024-009-047-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 23:03
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15700	15.2	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	6.1	1.5	mg/kg	N	1
Barium	77.0	.38	mg/kg	N	1
Beryllium	0.72	.15	mg/kg		1
Cadmium	0.35	.46	mg/kg	J	1
Calcium	1840	76	mg/kg		1
Chromium	20.3	.38	mg/kg		1
Cobalt	10.4	.38	mg/kg		1
Copper	23.5	.76	mg/kg		1
Iron	28000	11.4	mg/kg		1
Lead	13.3	.76	mg/kg		1
Magnesium	4830	19	mg/kg		1
Manganese	462	.38	mg/kg		1
Nickel	22.8	.76	mg/kg		1
Potassium	1310	19	mg/kg	N	1
Selenium	0.87	1.5	mg/kg	J	1
Silver	BQL	.38	mg/kg	U	1
Thallium	BQL	2.3	mg/kg	U	1
Vanadium	27.0	.76	mg/kg	N	1
Zinc	68.5	1.5	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-21
GPL ID: 511024-010-048-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 23:11
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	15700	17.5	mg/kg		1
Antimony	BQL	1.7	mg/kg	UN	1
Arsenic	9.3	1.7	mg/kg	N	1
Barium	73.8	.44	mg/kg	N	1
Beryllium	0.83	.17	mg/kg		1
Cadmium	0.53	.52	mg/kg		1
Calcium	18800	87.4	mg/kg		1
Chromium	24.0	.44	mg/kg		1
Cobalt	14.7	.44	mg/kg		1
Copper	47.5	.87	mg/kg		1
Iron	35300	13.1	mg/kg		1
Lead	19.6	.87	mg/kg		1
Magnesium	8450	21.8	mg/kg		1
Manganese	753	.44	mg/kg		1
Nickel	33.7	.87	mg/kg		1
Potassium	2010	21.8	mg/kg	N	1
Selenium	0.86	1.7	mg/kg	J	1
Silver	BQL	.44	mg/kg	U	1
Thallium	0.45	2.6	mg/kg	J	1
Vanadium	26.8	.87	mg/kg	N	1
Zinc	88.7	1.7	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-22
GPL ID: 511024-011-049-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/07/2005
Time Analyzed: 20:18
Analysis Batch: 81892

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Calcium	50100	154	mg/kg	D	2

Summary of Analytical Results

Client ID: EX-D-22
GPL ID: 511024-011-049-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 23:20
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	14700	15.4	mg/kg		1
Antimony	BQL	1.5	mg/kg	UN	1
Arsenic	8.1	1.5	mg/kg	N	1
Barium	76.9	.39	mg/kg	N	1
Beryllium	0.74	.15	mg/kg		1
Cadmium	0.60	.46	mg/kg		1
Chromium	21.8	.39	mg/kg		1
Cobalt	13.4	.39	mg/kg		1
Copper	40.3	.77	mg/kg		1
Iron	32600	11.6	mg/kg		1
Lead	15.3	.77	mg/kg		1
Magnesium	8660	19.3	mg/kg		1
Manganese	612	.39	mg/kg		1
Nickel	32.6	.77	mg/kg		1
Potassium	2060	19.3	mg/kg	N	1
Selenium	0.48	1.5	mg/kg	J	1
Silver	BQL	.39	mg/kg	U	1
Thallium	0.51	2.3	mg/kg	J	1
Vanadium	25.3	.77	mg/kg	N	1
Zinc	79.6	1.5	mg/kg		1

Summary of Analytical Results

Client ID: EX-D-DUPLICATE 2
GPL ID: 511024-012-050-1/1
Matrix: SOIL
Date Collected: 11/02/2005
Date Received: 11/03/2005

Prep Method: SW3050B
Prep Date: 11/04/2005
Prep Time: 00:00
Prep Batch: 78512

Analytical Method: SW6010B
Date Analyzed: 11/04/2005
Time Analyzed: 23:29
Analysis Batch: 81891

Parameter	Result	Rep Limit	Units	Qualifier	D.F.
Aluminum	17100	17.7	mg/kg		1
Antimony	BQL	1.8	mg/kg	UN	1
Arsenic	5.7	1.8	mg/kg	N	1
Barium	82.0	.44	mg/kg	N	1
Beryllium	0.77	.18	mg/kg		1
Cadmium	0.39	.53	mg/kg	J	1
Calcium	3750	88.6	mg/kg		1
Chromium	25.3	.44	mg/kg		1
Cobalt	13.5	.44	mg/kg		1
Copper	80.2	.89	mg/kg		1
Iron	31400	13.3	mg/kg		1
Lead	57.2	.89	mg/kg		1
Magnesium	5660	22.2	mg/kg		1
Manganese	311	.44	mg/kg		1
Nickel	26.8	.89	mg/kg		1
Potassium	1510	22.2	mg/kg	N	1
Selenium	1.0	1.8	mg/kg	J	1
Silver	BQL	.44	mg/kg	U	1
Thallium	BQL	2.7	mg/kg	U	1
Vanadium	29.2	.89	mg/kg	N	1
Zinc	77.2	1.8	mg/kg		1

ANALYTICAL RESULTS

Project Name : SAD-AOC2

Date Printed November 9, 2005

GPL ID	Client ID
511024-001-039-1/1	EX-D-13
511024-001-039-1/1	EX-D-13
511024-002-040-1/1	EX-D-14
511024-003-041-1/1	EX-D-15
511024-004-042-1/1	EX-D-16
511024-005-043-1/1	EX-D-17
511024-006-044-1/1	EX-D-18
511024-007-045-1/1	EX-D-19
511024-008-046-1/1	EX-D-20
511024-009-047-1/1	EX-D-DUPLICATE
511024-010-048-1/1	EX-D-21
511024-011-049-1/1	EX-D-22
511024-011-049-1/1	EX-D-22
511024-012-050-1/1	EX-D-DUPLICATE 2