May 16, 2014

Mr. Mike Griffin
Greenway Waste Solutions of Harrisburg, LLC
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28078-5613

Subject: Semi-Annual Groundwater Sampling Report (3)
Highway 49 C&D Landfill – Expansion Area I
Harrisburg, North Carolina
Project No. EP-1271

Dear Mr. Griffin:

In accordance with the Water Quality Monitoring Plan approved by the North Carolina DENR-Solid Waste Section as part of the Site Plan Application Report, Enviro-Pro, P.C. (EP) personnel have completed the first semi-annual groundwater sampling event for the subject site.

Please contact me at (803) 547-4955 if you have any questions concerning the data submitted herein. Thank you for the opportunity to continue to provide our environmental services on this project.

Sincerely,
ENVIRO-PRO, P.C.

Thomas H. Bolyard

Thomas H. Bolyard, P.G.
Senior Hydrogeologist

cc: Mr. Ellie Allen

DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Enviro-Pro, P.C.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Tom Bolyard, P.G. Phone: 803.548.2233

E-mail: enviropro@comporium.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Highway 49 C&D Landfill Expansion Area I	2105 Speedrail Court Harrisburg, NC	13-06	.0500	April 3, 2014

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify)

Notification attached?

☒ No. No groundwater or surface water standards were exceeded.
☐ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Tom Bolyard, P.G. — Facility Representative Name (Print)

Senior Hydrogeologist — Title

(803) 548-4955 — (Area Code) Telephone Number

Thomas H. Bolyard — Signature

5/16/14 — Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Revised 01/2007

SEMI-ANNUAL GROUNDWATER MONITORING REPORT (3)

Highway 49 C&D Landfill – Expansion Area I
Harrisburg, North Carolina

Prepared for:
Mr. Mike Griffin
Greenway Waste Solutions of Harrisburg, LLC
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

Prepared by:
Enviro-Pro, P.C.
2646 Farmlake Lane
Fort Mill, South Carolina

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Project Number EP-1271

May 16, 2014

Monitor well purging and sampling were completed by Enviro-Pro, P.C. (EP) personnel on April 3, 2014. This semi-annual sampling event for Expansion Area I included one additional downstream sample of Coddle Creek (SW-3) and groundwater monitor wells MW-81, MW-95, MW-99, MW-102, MW-103, and MW-104.

All samples were collected as described in the approved Water Quality Monitoring Plan and were then transported to Shealy Environmental Services, Inc. in West Columbia, South Carolina for analysis of Appendix I volatile organic compounds (VOCs) via Method 8260B and Appendix I metals including mercury. The completed Chain of Custody Record and the Report of Analysis for these samples are included as Appendix A. A Well Development, Purge, and Sample Record is included in Appendix B. At least three well volumes were removed from each well to purge stagnant water and to ensure that fresh formation water would be sampled. All purging and sampling activities were conducted using dedicated bailers and disposable sampling gloves were changed between each sampling location to minimize the potential for any cross-contamination to occur. Analytical QA/QC measures included a laboratory-supplied trip blank analyzed for Appendix I VOCs by Method 8260B.

The field information recorded in Appendix B indicates that the groundwater levels ranged from depths of 9.84 feet in MW-103 to 61.62 feet in MW-104. Groundwater levels increased in five wells and decreased in one well since the previous sampling event on November 4, 2013.

Laboratory test results indicate low concentrations of the metal barium in all the monitor wells sampled. A low level of barium was also present in sample SW-3 from Coddle Creek, providing further evidence that these levels are representative of this naturally-occurring metal in the bedrock, soil, and groundwater in this area. Copper was detected below its 2L Standard in five of the six monitor wells sampled. Chromium was detected slightly above its 2L Standard in MW-95. No other metals or VOCs were detected in any of the monitor wells or in the stream sample analyzed in association with this Expansion Area I site. Table 1 provides a summary of the laboratory test results obtained during this semi-annual sampling event, with Shealy's Report of Analysis attached as Appendix A.

The next sampling event for the Highway 49 C&D Landfill – Expansion Area I site is scheduled for October 2014.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
Highway 49 C&D Landfill - Expansion Area I
Harrisburg, North Carolina
4/3/2014

Analytical Method →	6010	6010	6010	6010
Contaminant of Concern → / Sample ID	Barium	Chromium	Copper	Zinc
MW-81	0.096	BDL	0.023	BDL
MW-95	0.120	0.044	0.043	BDL
MW-99	0.061	BDL	BDL	BDL
MW-102	0.062	BDL	0.0097	BDL
MW-103	0.16	BDL	0.0054	BDL
MW-104	0.15	BDL	0.0055	BDL
SW-3	0.051	BDL	BDL	BDL
Trip Blank	BDL	BDL	BDL	BDL
2L Standard	0.7	0.01	1	1

Notes: All metals are presented in milligrams per liter (mg/l)
BDL = Below detection limit
All VOCs are presented in micrograms per liter (ug/l)
Shaded areas represents parameters over the 2L Standard

APPENDIX A

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

Enviro-Pro, P.C.
2646 Farmlake Lane
Fort Mill, SC 29708
Attention: Tom Bolyard

Project Name: **Hwy 49 C & D - Exp I**

Project Number: **EP-1271**

Lot Number: **PD04117**

Date Completed: **04/11/2014**

Nisreen Saikaly
Project Manager

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative
Enviro-Pro, P.C.
Lot Number: PD04117

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary
Enviro-Pro, P.C.
Lot Number: PD04117

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-81	Aqueous	04/03/2014 1200	04/04/2014
002	MW-95	Aqueous	04/03/2014 1230	04/04/2014
003	MW-99	Aqueous	04/03/2014 1300	04/04/2014
004	MW-102	Aqueous	04/03/2014 1330	04/04/2014
005	MW-103	Aqueous	04/03/2014 1400	04/04/2014
006	MW-104	Aqueous	04/03/2014 1430	04/04/2014
007	SW-3	Aqueous	04/03/2014 1500	04/04/2014
008	TRIP BLANK	Aqueous	04/03/2014	04/04/2014

(8 samples)

Executive Summary
Enviro-Pro, P.C.
Lot Number: PD04117

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-81	Aqueous	Barium	6010C	0.096		mg/L	7
001	MW-81	Aqueous	Copper	6010C	0.023		mg/L	7
002	MW-95	Aqueous	Barium	6010C	0.12		mg/L	11
002	MW-95	Aqueous	Chromium	6010C	0.044		mg/L	11
002	MW-95	Aqueous	Copper	6010C	0.043		mg/L	11
003	MW-99	Aqueous	Barium	6010C	0.061		mg/L	15
004	MW-102	Aqueous	Barium	6010C	0.062		mg/L	19
004	MW-102	Aqueous	Copper	6010C	0.0097		mg/L	19
005	MW-103	Aqueous	Barium	6010C	0.16		mg/L	23
005	MW-103	Aqueous	Copper	6010C	0.0054		mg/L	23
006	MW-104	Aqueous	Barium	6010C	0.15		mg/L	27
006	MW-104	Aqueous	Copper	6010C	0.0055		mg/L	27
007	SW-3	Aqueous	Barium	6010C	0.051		mg/L	31

(13 detections)

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-81**
Date Sampled: **04/03/2014 1200**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 0142	PMM2		44324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-81**
Date Sampled: **04/03/2014 1200**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 0142	PMM2		44324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		102	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-81**
Date Sampled: **04/03/2014 1200**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/09/2014 2359	BNW	04/09/2014 0942	44341

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.096**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.023**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-81**
Date Sampled: **04/03/2014 1200**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/10/2014 1950	COH	04/10/2014 1013	44440

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-95**
Date Sampled: **04/03/2014 1230**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 0207	PMM2		44324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-95**
Date Sampled: **04/03/2014 1230**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 0207	PMM2		44324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-95**
Date Sampled: **04/03/2014 1230**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/10/2014 0003	BNW	04/09/2014 0942	44341

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.12**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	**7440-47-3**	**6010C**	**0.044**		**0.0050**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.043**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-95**
Date Sampled: **04/03/2014 1230**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/10/2014 1952	COH	04/10/2014 1013	44440

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-99**
Date Sampled: **04/03/2014 1300**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1306	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-99**
Date Sampled: **04/03/2014 1300**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1306	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04117-003**
Description: **MW-99**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 1300**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/10/2014 0006	BNW	04/09/2014 0942	44341

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.061**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-99**
Date Sampled: **04/03/2014 1300**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/10/2014 1954	COH	04/10/2014 1013	44440

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-102**
Date Sampled: **04/03/2014 1330**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1328	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-102**
Date Sampled: **04/03/2014 1330**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1328	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-102**
Date Sampled: **04/03/2014 1330**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/10/2014 0010	BNW	04/09/2014 0942	44341

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.062**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.0097**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-102**
Date Sampled: **04/03/2014 1330**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/10/2014 1956	COH	04/10/2014 1013	44440

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-103**
Date Sampled: **04/03/2014 1400**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1351	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-103**
Date Sampled: **04/03/2014 1400**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1351	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04117-005**
Description: **MW-103**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 1400**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/10/2014 0014	BNW	04/09/2014 0942	44341

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.16**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.0054**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-103**
Date Sampled: **04/03/2014 1400**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/10/2014 1958	COH	04/10/2014 1013	44440

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-104**
Date Sampled: **04/03/2014 1430**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1414	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-104**
Date Sampled: **04/03/2014 1430**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1414	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-104**
Date Sampled: **04/03/2014 1430**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/10/2014 0018	BNW	04/09/2014 0942	44341

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.15**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.0055**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-104**
Date Sampled: **04/03/2014 1430**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/10/2014 1959	COH	04/10/2014 1013	44440

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04117-007**
Description: **SW-3**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 1500**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1437	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-3**
Date Sampled: **04/03/2014 1500**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2014 1437	ALL		44368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **SW-3**
Date Sampled: **04/03/2014 1500**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/10/2014 0021	BNW	04/09/2014 0942	44341

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.051**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04117-007**
Description: **SW-3**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 1500**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/10/2014 2001	COH	04/10/2014 1013	44440

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04117-008**
Description: **TRIP BLANK**
Matrix: **Aqueous**
Date Sampled: **04/03/2014**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2014 1121	ALL		44284

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **TRIP BLANK**
Date Sampled: **04/03/2014**
Date Received: **04/04/2014**

Laboratory ID: **PD04117-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/08/2014 1121	ALL		44284

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ44284-001
Batch: 44284
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	04/08/2014 1014
Acrylonitrile	ND		1	20	ug/L	04/08/2014 1014
Benzene	ND		1	1.0	ug/L	04/08/2014 1014
Bromochloromethane	ND		1	1.0	ug/L	04/08/2014 1014
Bromodichloromethane	ND		1	1.0	ug/L	04/08/2014 1014
Bromoform	ND		1	1.0	ug/L	04/08/2014 1014
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	04/08/2014 1014
2-Butanone (MEK)	ND		1	10	ug/L	04/08/2014 1014
Carbon disulfide	ND		1	1.0	ug/L	04/08/2014 1014
Carbon tetrachloride	ND		1	1.0	ug/L	04/08/2014 1014
Chlorobenzene	ND		1	1.0	ug/L	04/08/2014 1014
Chloroethane	ND		1	2.0	ug/L	04/08/2014 1014
Chloroform	ND		1	1.0	ug/L	04/08/2014 1014
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	04/08/2014 1014
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	04/08/2014 1014
Dibromochloromethane	ND		1	1.0	ug/L	04/08/2014 1014
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	04/08/2014 1014
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	04/08/2014 1014
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	04/08/2014 1014
1,2-Dichlorobenzene	ND		1	1.0	ug/L	04/08/2014 1014
1,4-Dichlorobenzene	ND		1	1.0	ug/L	04/08/2014 1014
1,2-Dichloroethane	ND		1	1.0	ug/L	04/08/2014 1014
1,1-Dichloroethane	ND		1	1.0	ug/L	04/08/2014 1014
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	04/08/2014 1014
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	04/08/2014 1014
1,1-Dichloroethene	ND		1	1.0	ug/L	04/08/2014 1014
1,2-Dichloropropane	ND		1	1.0	ug/L	04/08/2014 1014
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	04/08/2014 1014
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	04/08/2014 1014
Ethylbenzene	ND		1	1.0	ug/L	04/08/2014 1014
2-Hexanone	ND		1	10	ug/L	04/08/2014 1014
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	04/08/2014 1014
4-Methyl-2-pentanone	ND		1	10	ug/L	04/08/2014 1014
Methylene chloride	ND		1	1.0	ug/L	04/08/2014 1014
Styrene	ND		1	1.0	ug/L	04/08/2014 1014
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	04/08/2014 1014
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	04/08/2014 1014
Tetrachloroethene	ND		1	1.0	ug/L	04/08/2014 1014
Tetrahydrofuran	ND		1	5.0	ug/L	04/08/2014 1014
Toluene	ND		1	1.0	ug/L	04/08/2014 1014
1,1,2-Trichloroethane	ND		1	1.0	ug/L	04/08/2014 1014
1,1,1-Trichloroethane	ND		1	1.0	ug/L	04/08/2014 1014
Trichloroethene	ND		1	1.0	ug/L	04/08/2014 1014
Trichlorofluoromethane	ND		1	1.0	ug/L	04/08/2014 1014

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ44284-001
Batch: 44284
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,2,3-Trichloropropane	ND		1	1.0	ug/L	04/08/2014 1014
Vinyl acetate	ND		1	5.0	ug/L	04/08/2014 1014
Vinyl chloride	ND		1	1.0	ug/L	04/08/2014 1014
Xylenes (total)	ND		1	1.0	ug/L	04/08/2014 1014

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		102	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44284-002
Batch: 44284
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	101	60-140	04/08/2014 0845
Acrylonitrile	100	87		1	87	70-130	04/08/2014 0845
Benzene	50	49		1	97	70-130	04/08/2014 0845
Bromochloromethane	50	49		1	98	70-130	04/08/2014 0845
Bromodichloromethane	50	49		1	98	70-130	04/08/2014 0845
Bromoform	50	43		1	86	70-130	04/08/2014 0845
Bromomethane (Methyl bromide)	50	47		1	94	60-140	04/08/2014 0845
2-Butanone (MEK)	100	91		1	91	60-140	04/08/2014 0845
Carbon disulfide	50	49		1	97	60-140	04/08/2014 0845
Carbon tetrachloride	50	49		1	97	70-130	04/08/2014 0845
Chlorobenzene	50	48		1	95	70-130	04/08/2014 0845
Chloroethane	50	50		1	100	42-163	04/08/2014 0845
Chloroform	50	48		1	97	70-130	04/08/2014 0845
Chloromethane (Methyl chloride)	50	49		1	98	60-140	04/08/2014 0845
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	92	70-130	04/08/2014 0845
Dibromochloromethane	50	50		1	99	70-130	04/08/2014 0845
1,2-Dibromoethane (EDB)	50	50		1	99	70-130	04/08/2014 0845
Dibromomethane (Methylene bromide)	50	49		1	99	70-130	04/08/2014 0845
trans-1,4-Dichloro-2-butene	50	46		1	92	34-142	04/08/2014 0845
1,2-Dichlorobenzene	50	49		1	98	70-130	04/08/2014 0845
1,4-Dichlorobenzene	50	49		1	97	70-130	04/08/2014 0845
1,2-Dichloroethane	50	49		1	99	70-130	04/08/2014 0845
1,1-Dichloroethane	50	48		1	95	70-130	04/08/2014 0845
trans-1,2-Dichloroethene	50	48		1	95	70-130	04/08/2014 0845
cis-1,2-Dichloroethene	50	48		1	97	70-130	04/08/2014 0845
1,1-Dichloroethene	50	49		1	98	70-130	04/08/2014 0845
1,2-Dichloropropane	50	48		1	96	70-130	04/08/2014 0845
trans-1,3-Dichloropropene	50	51		1	103	70-130	04/08/2014 0845
cis-1,3-Dichloropropene	50	50		1	101	70-130	04/08/2014 0845
Ethylbenzene	50	49		1	98	70-130	04/08/2014 0845
2-Hexanone	100	97		1	97	60-140	04/08/2014 0845
Methyl iodide (Iodomethane)	50	47		1	94	70-130	04/08/2014 0845
4-Methyl-2-pentanone	100	96		1	96	60-140	04/08/2014 0845
Methylene chloride	50	45		1	90	70-130	04/08/2014 0845
Styrene	50	50		1	100	70-130	04/08/2014 0845
1,1,2,2-Tetrachloroethane	50	50		1	100	60-140	04/08/2014 0845
1,1,1,2-Tetrachloroethane	50	49		1	98	70-130	04/08/2014 0845
Tetrachloroethene	50	48		1	96	70-130	04/08/2014 0845
Tetrahydrofuran	50	45		1	90	70-130	04/08/2014 0845
Toluene	50	47		1	94	70-130	04/08/2014 0845
1,1,2-Trichloroethane	50	48		1	95	70-130	04/08/2014 0845
1,1,1-Trichloroethane	50	47		1	94	70-130	04/08/2014 0845
Trichloroethene	50	47		1	94	70-130	04/08/2014 0845
Trichlorofluoromethane	50	44		1	88	70-130	04/08/2014 0845

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44284-002
Batch: 44284
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	50	47		1	94	70-130	04/08/2014 0845
Vinyl acetate	50	49		1	99	60-140	04/08/2014 0845
Vinyl chloride	50	47		1	94	70-130	04/08/2014 0845
Xylenes (total)	100	98		1	98	70-130	04/08/2014 0845

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		99	70-130
1,2-Dichloroethane-d4		100	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: PQ44284-003
Batch: 44284
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	79	+	1	79	25	60-140	20	04/08/2014 0907
Acrylonitrile	100	84		1	84	3.7	70-130	20	04/08/2014 0907
Benzene	50	51		1	101	3.7	70-130	20	04/08/2014 0907
Bromochloromethane	50	49		1	98	0.54	70-130	20	04/08/2014 0907
Bromodichloromethane	50	51		1	101	2.8	70-130	20	04/08/2014 0907
Bromoform	50	43		1	87	1.1	70-130	20	04/08/2014 0907
Bromomethane (Methyl bromide)	50	47		1	95	0.90	60-140	20	04/08/2014 0907
2-Butanone (MEK)	100	87		1	87	4.9	60-140	20	04/08/2014 0907
Carbon disulfide	50	50		1	100	3.1	60-140	20	04/08/2014 0907
Carbon tetrachloride	50	50		1	101	3.8	70-130	20	04/08/2014 0907
Chlorobenzene	50	50		1	101	5.8	70-130	20	04/08/2014 0907
Chloroethane	50	52		1	104	4.0	42-163	20	04/08/2014 0907
Chloroform	50	49		1	99	2.1	70-130	20	04/08/2014 0907
Chloromethane (Methyl chloride)	50	49		1	98	0.33	60-140	20	04/08/2014 0907
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	93	1.9	70-130	20	04/08/2014 0907
Dibromochloromethane	50	51		1	102	2.7	70-130	20	04/08/2014 0907
1,2-Dibromoethane (EDB)	50	51		1	101	1.8	70-130	20	04/08/2014 0907
Dibromomethane (Methylene bromide)	50	49		1	98	0.44	70-130	20	04/08/2014 0907
trans-1,4-Dichloro-2-butene	50	47		1	95	2.5	34-142	20	04/08/2014 0907
1,2-Dichlorobenzene	50	49		1	98	0.92	70-130	20	04/08/2014 0907
1,4-Dichlorobenzene	50	50		1	100	2.4	70-130	20	04/08/2014 0907
1,2-Dichloroethane	50	49		1	99	0.21	70-130	20	04/08/2014 0907
1,1-Dichloroethane	50	49		1	98	2.9	70-130	20	04/08/2014 0907
trans-1,2-Dichloroethene	50	49		1	98	3.4	70-130	20	04/08/2014 0907
cis-1,2-Dichloroethene	50	49		1	99	1.9	70-130	20	04/08/2014 0907
1,1-Dichloroethene	50	51		1	101	3.3	70-130	20	04/08/2014 0907
1,2-Dichloropropane	50	50		1	100	3.7	70-130	20	04/08/2014 0907
trans-1,3-Dichloropropene	50	53		1	106	3.6	70-130	20	04/08/2014 0907
cis-1,3-Dichloropropene	50	52		1	103	2.7	70-130	20	04/08/2014 0907
Ethylbenzene	50	51		1	102	4.0	70-130	20	04/08/2014 0907
2-Hexanone	100	99		1	99	2.9	60-140	20	04/08/2014 0907
Methyl iodide (Iodomethane)	50	49		1	97	3.1	70-130	20	04/08/2014 0907
4-Methyl-2-pentanone	100	95		1	95	1.5	60-140	20	04/08/2014 0907
Methylene chloride	50	46		1	92	1.6	70-130	20	04/08/2014 0907
Styrene	50	52		1	104	4.8	70-130	20	04/08/2014 0907
1,1,2,2-Tetrachloroethane	50	50		1	101	0.46	60-140	20	04/08/2014 0907
1,1,1,2-Tetrachloroethane	50	51		1	102	3.9	70-130	20	04/08/2014 0907
Tetrachloroethene	50	50		1	101	5.4	70-130	20	04/08/2014 0907
Tetrahydrofuran	50	40		1	81	11	70-130	20	04/08/2014 0907
Toluene	50	50		1	99	4.9	70-130	20	04/08/2014 0907
1,1,2-Trichloroethane	50	49		1	98	3.0	70-130	20	04/08/2014 0907
1,1,1-Trichloroethane	50	50		1	100	5.5	70-130	20	04/08/2014 0907
Trichloroethene	50	49		1	99	4.9	70-130	20	04/08/2014 0907
Trichlorofluoromethane	50	46		1	92	3.8	70-130	20	04/08/2014 0907

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: PQ44284-003
Batch: 44284
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,2,3-Trichloropropane	50	47		1	94	0.40	70-130	20	04/08/2014 0907
Vinyl acetate	50	48		1	97	1.9	60-140	20	04/08/2014 0907
Vinyl chloride	50	49		1	97	2.9	70-130	20	04/08/2014 0907
Xylenes (total)	100	100		1	103	4.8	70-130	20	04/08/2014 0907

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		100	70-130
1,2-Dichloroethane-d4		98	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ44324-001
Batch: 44324
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	04/08/2014 2323
Acrylonitrile	ND		1	20	ug/L	04/08/2014 2323
Benzene	ND		1	1.0	ug/L	04/08/2014 2323
Bromochloromethane	ND		1	1.0	ug/L	04/08/2014 2323
Bromodichloromethane	ND		1	1.0	ug/L	04/08/2014 2323
Bromoform	ND		1	1.0	ug/L	04/08/2014 2323
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	04/08/2014 2323
2-Butanone (MEK)	ND		1	10	ug/L	04/08/2014 2323
Carbon disulfide	ND		1	1.0	ug/L	04/08/2014 2323
Carbon tetrachloride	ND		1	1.0	ug/L	04/08/2014 2323
Chlorobenzene	ND		1	1.0	ug/L	04/08/2014 2323
Chloroethane	ND		1	2.0	ug/L	04/08/2014 2323
Chloroform	ND		1	1.0	ug/L	04/08/2014 2323
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	04/08/2014 2323
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	04/08/2014 2323
Dibromochloromethane	ND		1	1.0	ug/L	04/08/2014 2323
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	04/08/2014 2323
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	04/08/2014 2323
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	04/08/2014 2323
1,4-Dichlorobenzene	ND		1	1.0	ug/L	04/08/2014 2323
1,2-Dichlorobenzene	ND		1	1.0	ug/L	04/08/2014 2323
1,1-Dichloroethane	ND		1	1.0	ug/L	04/08/2014 2323
1,2-Dichloroethane	ND		1	1.0	ug/L	04/08/2014 2323
1,1-Dichloroethene	ND		1	1.0	ug/L	04/08/2014 2323
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	04/08/2014 2323
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	04/08/2014 2323
1,2-Dichloropropane	ND		1	1.0	ug/L	04/08/2014 2323
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	04/08/2014 2323
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	04/08/2014 2323
Ethylbenzene	ND		1	1.0	ug/L	04/08/2014 2323
2-Hexanone	ND		1	10	ug/L	04/08/2014 2323
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	04/08/2014 2323
4-Methyl-2-pentanone	ND		1	10	ug/L	04/08/2014 2323
Methylene chloride	ND		1	1.0	ug/L	04/08/2014 2323
Styrene	ND		1	1.0	ug/L	04/08/2014 2323
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	04/08/2014 2323
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	04/08/2014 2323
Tetrachloroethene	ND		1	1.0	ug/L	04/08/2014 2323
Tetrahydrofuran	ND		1	5.0	ug/L	04/08/2014 2323
Toluene	ND		1	1.0	ug/L	04/08/2014 2323
1,1,2-Trichloroethane	ND		1	1.0	ug/L	04/08/2014 2323
1,1,1-Trichloroethane	ND		1	1.0	ug/L	04/08/2014 2323
Trichloroethene	ND		1	1.0	ug/L	04/08/2014 2323
Trichlorofluoromethane	ND		1	1.0	ug/L	04/08/2014 2323

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ44324-001
Batch: 44324
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,2,3-Trichloropropane	ND		1	1.0	ug/L	04/08/2014 2323
Vinyl acetate	ND		1	5.0	ug/L	04/08/2014 2323
Vinyl chloride	ND		1	1.0	ug/L	04/08/2014 2323
Xylenes (total)	ND		1	1.0	ug/L	04/08/2014 2323

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		102	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44324-002
Batch: 44324
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	116	60-140	04/08/2014 2152
Acrylonitrile	100	93		1	93	70-130	04/08/2014 2152
Benzene	50	48		1	97	70-130	04/08/2014 2152
Bromochloromethane	50	49		1	98	70-130	04/08/2014 2152
Bromodichloromethane	50	48		1	97	70-130	04/08/2014 2152
Bromoform	50	36		1	72	70-130	04/08/2014 2152
Bromomethane (Methyl bromide)	50	44		1	89	60-140	04/08/2014 2152
2-Butanone (MEK)	100	96		1	96	60-140	04/08/2014 2152
Carbon disulfide	50	48		1	97	60-140	04/08/2014 2152
Carbon tetrachloride	50	48		1	96	70-130	04/08/2014 2152
Chlorobenzene	50	47		1	94	70-130	04/08/2014 2152
Chloroethane	50	47		1	94	42-163	04/08/2014 2152
Chloroform	50	48		1	96	70-130	04/08/2014 2152
Chloromethane (Methyl chloride)	50	48		1	97	60-140	04/08/2014 2152
1,2-Dibromo-3-chloropropane (DBCP)	50	44		1	89	70-130	04/08/2014 2152
Dibromochloromethane	50	46		1	92	70-130	04/08/2014 2152
1,2-Dibromoethane (EDB)	50	49		1	97	70-130	04/08/2014 2152
Dibromomethane (Methylene bromide)	50	50		1	99	70-130	04/08/2014 2152
trans-1,4-Dichloro-2-butene	50	39		1	78	34-142	04/08/2014 2152
1,4-Dichlorobenzene	50	48		1	96	70-130	04/08/2014 2152
1,2-Dichlorobenzene	50	48		1	97	70-130	04/08/2014 2152
1,1-Dichloroethane	50	48		1	96	70-130	04/08/2014 2152
1,2-Dichloroethane	50	49		1	99	70-130	04/08/2014 2152
1,1-Dichloroethene	50	50		1	99	70-130	04/08/2014 2152
trans-1,2-Dichloroethene	50	47		1	95	70-130	04/08/2014 2152
cis-1,2-Dichloroethene	50	48		1	97	70-130	04/08/2014 2152
1,2-Dichloropropane	50	48		1	96	70-130	04/08/2014 2152
trans-1,3-Dichloropropene	50	50		1	100	70-130	04/08/2014 2152
cis-1,3-Dichloropropene	50	50		1	100	70-130	04/08/2014 2152
Ethylbenzene	50	48		1	96	70-130	04/08/2014 2152
2-Hexanone	100	98		1	98	60-140	04/08/2014 2152
Methyl iodide (Iodomethane)	50	47		1	94	70-130	04/08/2014 2152
4-Methyl-2-pentanone	100	98		1	98	60-140	04/08/2014 2152
Methylene chloride	50	45		1	90	70-130	04/08/2014 2152
Styrene	50	49		1	97	70-130	04/08/2014 2152
1,1,2,2-Tetrachloroethane	50	49		1	98	60-140	04/08/2014 2152
1,1,1,2-Tetrachloroethane	50	48		1	95	70-130	04/08/2014 2152
Tetrachloroethene	50	47		1	93	70-130	04/08/2014 2152
Tetrahydrofuran	50	47		1	93	70-130	04/08/2014 2152
Toluene	50	47		1	95	70-130	04/08/2014 2152
1,1,2-Trichloroethane	50	47		1	95	70-130	04/08/2014 2152
1,1,1-Trichloroethane	50	48		1	96	70-130	04/08/2014 2152
Trichloroethene	50	47		1	94	70-130	04/08/2014 2152
Trichlorofluoromethane	50	44		1	88	70-130	04/08/2014 2152

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44324-002
Batch: 44324
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	50	47		1	93	70-130	04/08/2014 2152
Vinyl acetate	50	48		1	97	60-140	04/08/2014 2152
Vinyl chloride	50	47		1	94	70-130	04/08/2014 2152
Xylenes (total)	100	97		1	97	70-130	04/08/2014 2152

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		101	70-130
1,2-Dichloroethane-d4		101	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: PQ44324-003
Batch: 44324
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	109	6.1	60-140	20	04/08/2014 2215
Acrylonitrile	100	91		1	91	3.0	70-130	20	04/08/2014 2215
Benzene	50	48		1	96	1.1	70-130	20	04/08/2014 2215
Bromochloromethane	50	47		1	94	4.1	70-130	20	04/08/2014 2215
Bromodichloromethane	50	48		1	96	1.0	70-130	20	04/08/2014 2215
Bromoform	50	36		1	73	0.99	70-130	20	04/08/2014 2215
Bromomethane (Methyl bromide)	50	41		1	82	8.2	60-140	20	04/08/2014 2215
2-Butanone (MEK)	100	95		1	95	0.84	60-140	20	04/08/2014 2215
Carbon disulfide	50	46		1	93	4.4	60-140	20	04/08/2014 2215
Carbon tetrachloride	50	47		1	94	1.6	70-130	20	04/08/2014 2215
Chlorobenzene	50	47		1	95	0.52	70-130	20	04/08/2014 2215
Chloroethane	50	46		1	92	2.1	42-163	20	04/08/2014 2215
Chloroform	50	47		1	94	2.3	70-130	20	04/08/2014 2215
Chloromethane (Methyl chloride)	50	45		1	90	7.3	60-140	20	04/08/2014 2215
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	91	2.9	70-130	20	04/08/2014 2215
Dibromochloromethane	50	46		1	93	0.54	70-130	20	04/08/2014 2215
1,2-Dibromoethane (EDB)	50	49		1	98	0.55	70-130	20	04/08/2014 2215
Dibromomethane (Methylene bromide)	50	49		1	97	2.0	70-130	20	04/08/2014 2215
trans-1,4-Dichloro-2-butene	50	40		1	81	4.2	34-142	20	04/08/2014 2215
1,4-Dichlorobenzene	50	47		1	94	2.1	70-130	20	04/08/2014 2215
1,2-Dichlorobenzene	50	48		1	96	0.65	70-130	20	04/08/2014 2215
1,1-Dichloroethane	50	46		1	92	3.6	70-130	20	04/08/2014 2215
1,2-Dichloroethane	50	47		1	95	4.0	70-130	20	04/08/2014 2215
1,1-Dichloroethene	50	47		1	95	4.6	70-130	20	04/08/2014 2215
trans-1,2-Dichloroethene	50	46		1	92	2.4	70-130	20	04/08/2014 2215
cis-1,2-Dichloroethene	50	47		1	94	2.7	70-130	20	04/08/2014 2215
1,2-Dichloropropane	50	48		1	96	0.14	70-130	20	04/08/2014 2215
trans-1,3-Dichloropropene	50	50		1	101	0.86	70-130	20	04/08/2014 2215
cis-1,3-Dichloropropene	50	49		1	99	0.95	70-130	20	04/08/2014 2215
Ethylbenzene	50	48		1	96	0.23	70-130	20	04/08/2014 2215
2-Hexanone	100	100		1	102	3.6	60-140	20	04/08/2014 2215
Methyl iodide (Iodomethane)	50	45		1	91	3.4	70-130	20	04/08/2014 2215
4-Methyl-2-pentanone	100	98		1	98	0.11	60-140	20	04/08/2014 2215
Methylene chloride	50	43		1	87	3.8	70-130	20	04/08/2014 2215
Styrene	50	49		1	98	0.97	70-130	20	04/08/2014 2215
1,1,2,2-Tetrachloroethane	50	49		1	99	0.40	60-140	20	04/08/2014 2215
1,1,1,2-Tetrachloroethane	50	48		1	96	1.2	70-130	20	04/08/2014 2215
Tetrachloroethene	50	47		1	94	0.17	70-130	20	04/08/2014 2215
Tetrahydrofuran	50	44		1	89	5.3	70-130	20	04/08/2014 2215
Toluene	50	47		1	95	0.034	70-130	20	04/08/2014 2215
1,1,2-Trichloroethane	50	48		1	96	0.92	70-130	20	04/08/2014 2215
1,1,1-Trichloroethane	50	47		1	93	2.8	70-130	20	04/08/2014 2215
Trichloroethene	50	47		1	94	0.00	70-130	20	04/08/2014 2215
Trichlorofluoromethane	50	42		1	85	3.1	70-130	20	04/08/2014 2215

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: PQ44324-003
Batch: 44324
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,2,3-Trichloropropane	50	48		1	95	2.3	70-130	20	04/08/2014 2215
Vinyl acetate	50	47		1	94	2.8	60-140	20	04/08/2014 2215
Vinyl chloride	50	44		1	87	7.1	70-130	20	04/08/2014 2215
Xylenes (total)	100	97		1	97	0.32	70-130	20	04/08/2014 2215

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		100	70-130
1,2-Dichloroethane-d4		99	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ44368-001
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	04/09/2014 1159
Acrylonitrile	ND		1	20	ug/L	04/09/2014 1159
Benzene	ND		1	1.0	ug/L	04/09/2014 1159
Bromochloromethane	ND		1	1.0	ug/L	04/09/2014 1159
Bromodichloromethane	ND		1	1.0	ug/L	04/09/2014 1159
Bromoform	ND		1	1.0	ug/L	04/09/2014 1159
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	04/09/2014 1159
2-Butanone (MEK)	ND		1	10	ug/L	04/09/2014 1159
Carbon disulfide	ND		1	1.0	ug/L	04/09/2014 1159
Carbon tetrachloride	ND		1	1.0	ug/L	04/09/2014 1159
Chlorobenzene	ND		1	1.0	ug/L	04/09/2014 1159
Chloroethane	ND		1	2.0	ug/L	04/09/2014 1159
Chloroform	ND		1	1.0	ug/L	04/09/2014 1159
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	04/09/2014 1159
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	04/09/2014 1159
Dibromochloromethane	ND		1	1.0	ug/L	04/09/2014 1159
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	04/09/2014 1159
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	04/09/2014 1159
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	04/09/2014 1159
1,4-Dichlorobenzene	ND		1	1.0	ug/L	04/09/2014 1159
1,2-Dichlorobenzene	ND		1	1.0	ug/L	04/09/2014 1159
1,1-Dichloroethane	ND		1	1.0	ug/L	04/09/2014 1159
1,2-Dichloroethane	ND		1	1.0	ug/L	04/09/2014 1159
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	04/09/2014 1159
1,1-Dichloroethene	ND		1	1.0	ug/L	04/09/2014 1159
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	04/09/2014 1159
1,2-Dichloropropane	ND		1	1.0	ug/L	04/09/2014 1159
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	04/09/2014 1159
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	04/09/2014 1159
Ethylbenzene	ND		1	1.0	ug/L	04/09/2014 1159
2-Hexanone	ND		1	10	ug/L	04/09/2014 1159
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	04/09/2014 1159
4-Methyl-2-pentanone	ND		1	10	ug/L	04/09/2014 1159
Methylene chloride	ND		1	1.0	ug/L	04/09/2014 1159
Styrene	ND		1	1.0	ug/L	04/09/2014 1159
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	04/09/2014 1159
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	04/09/2014 1159
Tetrachloroethene	ND		1	1.0	ug/L	04/09/2014 1159
Tetrahydrofuran	ND		1	5.0	ug/L	04/09/2014 1159
Toluene	ND		1	1.0	ug/L	04/09/2014 1159
1,1,1-Trichloroethane	ND		1	1.0	ug/L	04/09/2014 1159
1,1,2-Trichloroethane	ND		1	1.0	ug/L	04/09/2014 1159
Trichloroethene	ND		1	1.0	ug/L	04/09/2014 1159
Trichlorofluoromethane	ND		1	1.0	ug/L	04/09/2014 1159

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ44368-001
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,2,3-Trichloropropane	ND		1	1.0	ug/L	04/09/2014 1159
Vinyl acetate	ND		1	5.0	ug/L	04/09/2014 1159
Vinyl chloride	ND		1	1.0	ug/L	04/09/2014 1159
Xylenes (total)	ND		1	1.0	ug/L	04/09/2014 1159

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		99	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44368-002
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	74		1	74	60-140	04/09/2014 1029
Acrylonitrile	100	75		1	75	70-130	04/09/2014 1029
Benzene	50	52		1	105	70-130	04/09/2014 1029
Bromochloromethane	50	51		1	101	70-130	04/09/2014 1029
Bromodichloromethane	50	52		1	105	70-130	04/09/2014 1029
Bromoform	50	44		1	87	70-130	04/09/2014 1029
Bromomethane (Methyl bromide)	50	51		1	102	60-140	04/09/2014 1029
2-Butanone (MEK)	100	86		1	86	60-140	04/09/2014 1029
Carbon disulfide	50	55		1	110	60-140	04/09/2014 1029
Carbon tetrachloride	50	53		1	106	70-130	04/09/2014 1029
Chlorobenzene	50	51		1	102	70-130	04/09/2014 1029
Chloroethane	50	53		1	106	42-163	04/09/2014 1029
Chloroform	50	52		1	104	70-130	04/09/2014 1029
Chloromethane (Methyl chloride)	50	54		1	109	60-140	04/09/2014 1029
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	97	70-130	04/09/2014 1029
Dibromochloromethane	50	52		1	104	70-130	04/09/2014 1029
1,2-Dibromoethane (EDB)	50	52		1	103	70-130	04/09/2014 1029
Dibromomethane (Methylene bromide)	50	51		1	101	70-130	04/09/2014 1029
trans-1,4-Dichloro-2-butene	50	48		1	96	34-142	04/09/2014 1029
1,4-Dichlorobenzene	50	51		1	102	70-130	04/09/2014 1029
1,2-Dichlorobenzene	50	51		1	102	70-130	04/09/2014 1029
1,1-Dichloroethane	50	51		1	103	70-130	04/09/2014 1029
1,2-Dichloroethane	50	52		1	105	70-130	04/09/2014 1029
cis-1,2-Dichloroethene	50	52		1	104	70-130	04/09/2014 1029
1,1-Dichloroethene	50	54		1	108	70-130	04/09/2014 1029
trans-1,2-Dichloroethene	50	51		1	103	70-130	04/09/2014 1029
1,2-Dichloropropane	50	52		1	104	70-130	04/09/2014 1029
trans-1,3-Dichloropropene	50	54		1	108	70-130	04/09/2014 1029
cis-1,3-Dichloropropene	50	54		1	107	70-130	04/09/2014 1029
Ethylbenzene	50	52		1	104	70-130	04/09/2014 1029
2-Hexanone	100	99		1	99	60-140	04/09/2014 1029
Methyl iodide (Iodomethane)	50	53		1	106	70-130	04/09/2014 1029
4-Methyl-2-pentanone	100	94		1	94	60-140	04/09/2014 1029
Methylene chloride	50	48		1	97	70-130	04/09/2014 1029
Styrene	50	52		1	105	70-130	04/09/2014 1029
1,1,1,2-Tetrachloroethane	50	52		1	104	70-130	04/09/2014 1029
1,1,2,2-Tetrachloroethane	50	51		1	101	60-140	04/09/2014 1029
Tetrachloroethene	50	52		1	104	70-130	04/09/2014 1029
Tetrahydrofuran	50	39		1	77	70-130	04/09/2014 1029
Toluene	50	51		1	102	70-130	04/09/2014 1029
1,1,1-Trichloroethane	50	51		1	103	70-130	04/09/2014 1029
1,1,2-Trichloroethane	50	50		1	100	70-130	04/09/2014 1029
Trichloroethene	50	52		1	104	70-130	04/09/2014 1029
Trichlorofluoromethane	50	49		1	99	70-130	04/09/2014 1029

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44368-002
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	50	47		1	95	70-130	04/09/2014 1029
Vinyl acetate	50	50		1	101	60-140	04/09/2014 1029
Vinyl chloride	50	52		1	105	70-130	04/09/2014 1029
Xylenes (total)	100	100		1	105	70-130	04/09/2014 1029

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		100	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: PQ44368-003
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100	+	1	102	32	60-140	20	04/09/2014 1051
Acrylonitrile	100	92	+	1	92	21	70-130	20	04/09/2014 1051
Benzene	50	53		1	107	1.9	70-130	20	04/09/2014 1051
Bromochloromethane	50	53		1	106	4.5	70-130	20	04/09/2014 1051
Bromodichloromethane	50	54		1	107	2.4	70-130	20	04/09/2014 1051
Bromoform	50	46		1	91	4.7	70-130	20	04/09/2014 1051
Bromomethane (Methyl bromide)	50	46		1	93	9.7	60-140	20	04/09/2014 1051
2-Butanone (MEK)	100	94		1	94	9.0	60-140	20	04/09/2014 1051
Carbon disulfide	50	55		1	111	0.93	60-140	20	04/09/2014 1051
Carbon tetrachloride	50	54		1	108	2.4	70-130	20	04/09/2014 1051
Chlorobenzene	50	52		1	105	2.7	70-130	20	04/09/2014 1051
Chloroethane	50	53		1	106	0.74	42-163	20	04/09/2014 1051
Chloroform	50	53		1	106	1.9	70-130	20	04/09/2014 1051
Chloromethane (Methyl chloride)	50	54		1	109	0.24	60-140	20	04/09/2014 1051
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	100	3.5	70-130	20	04/09/2014 1051
Dibromochloromethane	50	53		1	106	2.4	70-130	20	04/09/2014 1051
1,2-Dibromoethane (EDB)	50	53		1	107	3.6	70-130	20	04/09/2014 1051
Dibromomethane (Methylene bromide)	50	53		1	107	5.2	70-130	20	04/09/2014 1051
trans-1,4-Dichloro-2-butene	50	50		1	100	4.5	34-142	20	04/09/2014 1051
1,4-Dichlorobenzene	50	52		1	104	1.8	70-130	20	04/09/2014 1051
1,2-Dichlorobenzene	50	52		1	104	2.0	70-130	20	04/09/2014 1051
1,1-Dichloroethane	50	52		1	105	1.7	70-130	20	04/09/2014 1051
1,2-Dichloroethane	50	53		1	106	1.4	70-130	20	04/09/2014 1051
cis-1,2-Dichloroethene	50	53		1	105	1.3	70-130	20	04/09/2014 1051
1,1-Dichloroethene	50	55		1	109	0.64	70-130	20	04/09/2014 1051
trans-1,2-Dichloroethene	50	52		1	105	2.2	70-130	20	04/09/2014 1051
1,2-Dichloropropane	50	53		1	105	1.6	70-130	20	04/09/2014 1051
trans-1,3-Dichloropropene	50	55		1	111	2.4	70-130	20	04/09/2014 1051
cis-1,3-Dichloropropene	50	55		1	110	3.0	70-130	20	04/09/2014 1051
Ethylbenzene	50	53		1	106	2.2	70-130	20	04/09/2014 1051
2-Hexanone	100	110		1	105	6.4	60-140	20	04/09/2014 1051
Methyl iodide (Iodomethane)	50	53		1	106	0.081	70-130	20	04/09/2014 1051
4-Methyl-2-pentanone	100	100		1	102	7.6	60-140	20	04/09/2014 1051
Methylene chloride	50	50		1	99	2.4	70-130	20	04/09/2014 1051
Styrene	50	54		1	109	3.3	70-130	20	04/09/2014 1051
1,1,1,2-Tetrachloroethane	50	53		1	105	1.8	70-130	20	04/09/2014 1051
1,1,2,2-Tetrachloroethane	50	53		1	105	4.1	60-140	20	04/09/2014 1051
Tetrachloroethene	50	53		1	105	1.2	70-130	20	04/09/2014 1051
Tetrahydrofuran	50	45		1	90	16	70-130	20	04/09/2014 1051
Toluene	50	52		1	104	2.5	70-130	20	04/09/2014 1051
1,1,1-Trichloroethane	50	53		1	106	3.1	70-130	20	04/09/2014 1051
1,1,2-Trichloroethane	50	51		1	103	2.3	70-130	20	04/09/2014 1051
Trichloroethene	50	53		1	105	1.3	70-130	20	04/09/2014 1051
Trichlorofluoromethane	50	50		1	99	0.55	70-130	20	04/09/2014 1051

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: PQ44368-003
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,2,3-Trichloropropane	50	50		1	100	5.3	70-130	20	04/09/2014 1051
Vinyl acetate	50	51		1	102	1.8	60-140	20	04/09/2014 1051
Vinyl chloride	50	52		1	104	0.97	70-130	20	04/09/2014 1051
Xylenes (total)	100	110		1	107	2.1	70-130	20	04/09/2014 1051

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		101	70-130
1,2-Dichloroethane-d4		100	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: PD04117-004DU
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Result (ug/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Acetone	ND	ND		1	0.00	20	04/09/2014 1957
Acrylonitrile	ND	ND		1	0.00	20	04/09/2014 1957
Benzene	ND	ND		1	0.00	20	04/09/2014 1957
Bromochloromethane	ND	ND		1	0.00	20	04/09/2014 1957
Bromodichloromethane	ND	ND		1	0.00	20	04/09/2014 1957
Bromoform	ND	ND		1	0.00	20	04/09/2014 1957
Bromomethane (Methyl bromide)	ND	ND		1	0.00	20	04/09/2014 1957
2-Butanone (MEK)	ND	ND		1	0.00	20	04/09/2014 1957
Carbon disulfide	ND	ND		1	0.00	20	04/09/2014 1957
Carbon tetrachloride	ND	ND		1	0.00	20	04/09/2014 1957
Chlorobenzene	ND	ND		1	0.00	20	04/09/2014 1957
Chloroethane	ND	ND		1	0.00	20	04/09/2014 1957
Chloroform	ND	ND		1	0.00	20	04/09/2014 1957
Chloromethane (Methyl chloride)	ND	ND		1	0.00	20	04/09/2014 1957
1,2-Dibromo-3-chloropropane (DBCP)	ND	ND		1	0.00	20	04/09/2014 1957
Dibromochloromethane	ND	ND		1	0.00	20	04/09/2014 1957
1,2-Dibromoethane (EDB)	ND	ND		1	0.00	20	04/09/2014 1957
Dibromomethane (Methylene bromide)	ND	ND		1	0.00	20	04/09/2014 1957
trans-1,4-Dichloro-2-butene	ND	ND		1	0.00	20	04/09/2014 1957
1,2-Dichlorobenzene	ND	ND		1	0.00	20	04/09/2014 1957
1,4-Dichlorobenzene	ND	ND		1	0.00	20	04/09/2014 1957
1,1-Dichloroethane	ND	ND		1	0.00	20	04/09/2014 1957
1,2-Dichloroethane	ND	ND		1	0.00	20	04/09/2014 1957
1,1-Dichloroethene	ND	ND		1	0.00	20	04/09/2014 1957
cis-1,2-Dichloroethene	ND	ND		1	0.00	20	04/09/2014 1957
trans-1,2-Dichloroethene	ND	ND		1	0.00	20	04/09/2014 1957
1,2-Dichloropropane	ND	ND		1	0.00	20	04/09/2014 1957
cis-1,3-Dichloropropene	ND	ND		1	0.00	20	04/09/2014 1957
trans-1,3-Dichloropropene	ND	ND		1	0.00	20	04/09/2014 1957
Ethylbenzene	ND	ND		1	0.00	20	04/09/2014 1957
2-Hexanone	ND	ND		1	0.00	20	04/09/2014 1957
Methyl iodide (Iodomethane)	ND	ND		1	0.00	20	04/09/2014 1957
4-Methyl-2-pentanone	ND	ND		1	0.00	20	04/09/2014 1957
Methylene chloride	ND	ND		1	0.00	20	04/09/2014 1957
Styrene	ND	ND		1	0.00	20	04/09/2014 1957
1,1,1,2-Tetrachloroethane	ND	ND		1	0.00	20	04/09/2014 1957
1,1,2,2-Tetrachloroethane	ND	ND		1	0.00	20	04/09/2014 1957
Tetrachloroethene	ND	ND		1	0.00	20	04/09/2014 1957
Tetrahydrofuran	ND	ND		1	0.00	20	04/09/2014 1957
Toluene	ND	ND		1	0.00	20	04/09/2014 1957
1,1,1-Trichloroethane	ND	ND		1	0.00	20	04/09/2014 1957
1,1,2-Trichloroethane	ND	ND		1	0.00	20	04/09/2014 1957
Trichloroethene	ND	ND		1	0.00	20	04/09/2014 1957
Trichlorofluoromethane	ND	ND		1	0.00	20	04/09/2014 1957

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: PD04117-004DU
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Result (ug/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
1,2,3-Trichloropropane	ND	ND		1	0.00	20	04/09/2014 1957
Vinyl acetate	ND	ND		1	0.00	20	04/09/2014 1957
Vinyl chloride	ND	ND		1	0.00	20	04/09/2014 1957
Xylenes (total)	ND	ND		1	0.00	20	04/09/2014 1957

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		99	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: PD04117-005MS
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	ND	100	95		1	95	60-140	04/09/2014 2019
Acrylonitrile	ND	100	85		1	85	70-122	04/09/2014 2019
Benzene	ND	50	55		1	110	72-127	04/09/2014 2019
Bromochloromethane	ND	50	54		1	107	70-130	04/09/2014 2019
Bromodichloromethane	ND	50	53		1	106	71-143	04/09/2014 2019
Bromoform	ND	50	40		1	80	65-131	04/09/2014 2019
Bromomethane (Methyl bromide)	ND	50	50		1	101	36-168	04/09/2014 2019
2-Butanone (MEK)	ND	100	88		1	88	60-140	04/09/2014 2019
Carbon disulfide	ND	50	55		1	111	60-140	04/09/2014 2019
Carbon tetrachloride	ND	50	56		1	112	37-166	04/09/2014 2019
Chlorobenzene	ND	50	53		1	106	78-129	04/09/2014 2019
Chloroethane	ND	50	57		1	114	60-140	04/09/2014 2019
Chloroform	ND	50	54		1	108	63-123	04/09/2014 2019
Chloromethane (Methyl chloride)	ND	50	57		1	114	20-158	04/09/2014 2019
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	47		1	94	70-130	04/09/2014 2019
Dibromochloromethane	ND	50	51		1	102	74-134	04/09/2014 2019
1,2-Dibromoethane (EDB)	ND	50	52		1	105	70-130	04/09/2014 2019
Dibromomethane (Methylene bromide)	ND	50	53		1	107	70-130	04/09/2014 2019
trans-1,4-Dichloro-2-butene	ND	50	35		1	71	34-142	04/09/2014 2019
1,2-Dichlorobenzene	ND	50	52		1	103	70-130	04/09/2014 2019
1,4-Dichlorobenzene	ND	50	52		1	104	70-130	04/09/2014 2019
1,1-Dichloroethane	ND	50	54		1	108	69-132	04/09/2014 2019
1,2-Dichloroethane	ND	50	53		1	105	59-143	04/09/2014 2019
1,1-Dichloroethene	ND	50	58		1	116	50-132	04/09/2014 2019
cis-1,2-Dichloroethene	ND	50	54		1	109	70-130	04/09/2014 2019
trans-1,2-Dichloroethene	ND	50	55		1	109	67-141	04/09/2014 2019
1,2-Dichloropropane	ND	50	54		1	107	71-126	04/09/2014 2019
cis-1,3-Dichloropropene	ND	50	53		1	106	69-130	04/09/2014 2019
trans-1,3-Dichloropropene	ND	50	52		1	104	73-131	04/09/2014 2019
Ethylbenzene	ND	50	54		1	108	79-132	04/09/2014 2019
2-Hexanone	ND	100	100		1	102	60-140	04/09/2014 2019
Methyl iodide (Iodomethane)	ND	50	55		1	110	70-130	04/09/2014 2019
4-Methyl-2-pentanone	ND	100	99		1	99	60-140	04/09/2014 2019
Methylene chloride	ND	50	51		1	101	69-129	04/09/2014 2019
Styrene	ND	50	52		1	104	70-130	04/09/2014 2019
1,1,1,2-Tetrachloroethane	ND	50	52		1	105	70-130	04/09/2014 2019
1,1,2,2-Tetrachloroethane	ND	50	52		1	103	60-155	04/09/2014 2019
Tetrachloroethene	ND	50	54		1	107	70-130	04/09/2014 2019
Tetrahydrofuran	ND	50	47		1	94	70-130	04/09/2014 2019
Toluene	ND	50	54		1	107	75-125	04/09/2014 2019
1,1,1-Trichloroethane	ND	50	55		1	110	77-132	04/09/2014 2019
1,1,2-Trichloroethane	ND	50	51		1	102	77-132	04/09/2014 2019
Trichloroethene	ND	50	54		1	108	73-124	04/09/2014 2019
Trichlorofluoromethane	ND	50	51		1	103	41-173	04/09/2014 2019

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: PD04117-005MS
Batch: 44368
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	ND	50	49		1	99	70-130	04/09/2014 2019
Vinyl acetate	ND	50	45		1	89	60-140	04/09/2014 2019
Vinyl chloride	ND	50	56		1	113	29-159	04/09/2014 2019
Xylenes (total)	ND	100	110		1	108	70-130	04/09/2014 2019

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		101	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Appendix I Metals - MB

Sample ID: PQ44341-001
Batch: 44341
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/09/2014 942

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Antimony	ND		1	0.010	mg/L	04/09/2014 2348
Arsenic	ND		1	0.010	mg/L	04/09/2014 2348
Barium	ND		1	0.025	mg/L	04/09/2014 2348
Beryllium	ND		1	0.0040	mg/L	04/09/2014 2348
Cadmium	ND		1	0.0020	mg/L	04/09/2014 2348
Chromium	ND		1	0.0050	mg/L	04/09/2014 2348
Cobalt	ND		1	0.025	mg/L	04/09/2014 2348
Copper	ND		1	0.0050	mg/L	04/09/2014 2348
Lead	ND		1	0.010	mg/L	04/09/2014 2348
Nickel	ND		1	0.040	mg/L	04/09/2014 2348
Selenium	ND		1	0.010	mg/L	04/09/2014 2348
Silver	ND		1	0.0050	mg/L	04/09/2014 2348
Vanadium	ND		1	0.050	mg/L	04/09/2014 2348
Zinc	ND		1	0.020	mg/L	04/09/2014 2348

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Appendix I Metals - LCS

Sample ID: PQ44341-002
Batch: 44341
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/09/2014 942

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	0.40	0.42		1	104	80-120	04/09/2014 2351
Arsenic	0.40	0.42		1	104	80-120	04/09/2014 2351
Barium	2.0	2.2		1	109	80-120	04/09/2014 2351
Beryllium	2.0	2.2		1	110	80-120	04/09/2014 2351
Cadmium	0.40	0.42		1	104	80-120	04/09/2014 2351
Chromium	2.0	2.0		1	102	80-120	04/09/2014 2351
Cobalt	2.0	2.1		1	107	80-120	04/09/2014 2351
Copper	2.0	2.1		1	103	80-120	04/09/2014 2351
Lead	0.40	0.44		1	109	80-120	04/09/2014 2351
Nickel	2.0	2.1		1	106	80-120	04/09/2014 2351
Selenium	0.40	0.43		1	108	80-120	04/09/2014 2351
Silver	0.40	0.43		1	106	80-120	04/09/2014 2351
Vanadium	2.0	2.1		1	106	80-120	04/09/2014 2351
Zinc	2.0	2.2		1	109	80-120	04/09/2014 2351

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Appendix I Metals - LCSD

Sample ID: PQ44341-003
Batch: 44341
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/09/2014 942

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Antimony	0.40	0.41		1	103	0.34	80-120	20	04/09/2014 2355
Arsenic	0.40	0.42		1	105	0.22	80-120	20	04/09/2014 2355
Barium	2.0	2.2		1	108	0.39	80-120	20	04/09/2014 2355
Beryllium	2.0	2.2		1	110	0.42	80-120	20	04/09/2014 2355
Cadmium	0.40	0.41		1	103	0.83	80-120	20	04/09/2014 2355
Chromium	2.0	2.0		1	100	1.8	80-120	20	04/09/2014 2355
Cobalt	2.0	2.1		1	106	1.0	80-120	20	04/09/2014 2355
Copper	2.0	2.1		1	103	0.21	80-120	20	04/09/2014 2355
Lead	0.40	0.43		1	108	0.69	80-120	20	04/09/2014 2355
Nickel	2.0	2.1		1	105	0.53	80-120	20	04/09/2014 2355
Selenium	0.40	0.43		1	108	0.67	80-120	20	04/09/2014 2355
Silver	0.40	0.42		1	105	0.95	80-120	20	04/09/2014 2355
Vanadium	2.0	2.1		1	105	1.1	80-120	20	04/09/2014 2355
Zinc	2.0	2.1		1	107	1.8	80-120	20	04/09/2014 2355

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - MB

Sample ID: PQ44440-001
Batch: 44440
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/10/2014 1013

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.00010	mg/L	04/10/2014 1909

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCS

Sample ID: PQ44440-002
Batch: 44440
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/10/2014 1013

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0021		1	104	85-115	04/10/2014 1911

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

CVAA - LCSD

Sample ID: PQ44440-003
Batch: 44440
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/10/2014 1013

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0020		1	101	3.0	85-115	20	04/10/2014 1913

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

SHEALY

Chain of Custody Record

Shealy Environmental Services, Inc.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111
www.shealylab.com

Number 25847

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Sampler (Printed Name): T. Bolyard	Quote No.
Address: 2646 Farmlake Ln.	Telephone No. / Fax No. / Email: 803-547-4955	Waybill No.	Page 1 of 1
City: Ft. Mill; State: SC; Zip Code: 29708	Preservative: 1. Unpres. 2. NaOH/ZnA 3. H2SO4 4. HNO3 5. HCL 6. Na Thio. 7. NaOH		
Project Name: Hwy 49 C&D - Exp I			
Project Number: EP-1271	P.O Number:		

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	G=Grab C=Composite	Matrix GW	DW	WW	S	Other (Specify)	Analysis App I VOCs + THF	App I VOCs + THF	App I Metals + Hg	Number of Containers	Bottle (See Instructions on back)	Preservative	Lot No.	Remarks / Cooler ID
									3	2	1					
									A	A	D					
									5	5	4					
															PD04117	
MW-81	4/3/14	12:00	G	X					✓		✓					Use Lower Level
MW-95	"	12:30	G	X					✓		✓					Detection Limits
MW-99	"	13:00	G	X					✓		✓					Also - send EDD
MW-102	"	13:30	G	X					✓		✓					version
MW-103	"	14:00	G	X					✓		✓					
MW-104	"	14:30	G	X					✓		✓					
SW-3	"	15:00						X	✓		✓					
Trip Blank										✓						

Turn Around Time Required (Prior lab approval required for expedited TAT): ☑ Standard ☐ Rush (Please Specify) 7-day TAT

Sample Disposal: ☐ Return to Client ☑ Disposal by Lab

QC Requirements (Specify):

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

1. Relinquished by / Sampler: T. Bolyard	Date: 4/4/14	Time: 1050	1. Received by	Date: 4/4/14	Time: 1050
2. Relinquished by	Date: 4/4/14	Time: 1830	2. Received by: Mike Chapman	Date: 4.4.14	Time: 1330
3. Relinquished by: Mike Chapman	Date: 4.4.14	Time: 1640	3. Received by	Date	Time
4. Relinquished by	Date	Time	4. Laboratory Received by	Date: 4-4-14	Time: 1640

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on Ice (Check) ☑ Yes ☐ No ☐ Ice Pack
Receipt Temp. 1.0 °C
Temp. Blank ☐ Y / ☐ N

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: Greenway Waste Solutions, LLC
LOCATION: Harrisburg, NC
PROJECT NAME/DESCRIPTION: Hwy 49 C&D - Exp. Area I
DATE OF WATER LEVEL MEASUREMENTS: 4-3-14

DEVELOP:
PURGING:
SAMPLING:

PROJECT NO.:
PROJ. MGR.:
CHECKED BY:
PREPARED BY:

Sample ID	A Well No.	B Sample Date	C Time (hrs)	D Well Depth (ft)	E MP Elevation (ft)	F Depth to Water (ft-bmp)	(E - F) = G Water Level Elevation (ft)	(D - F) = H Hgt. of Water Col. (ft)	I Volume of Water (gal)*	Vol. of Water Pgd. (gal)**	Temp. (°C)	Specific Cond. (umhos)	pH	Turbidity or Appearance
	MW-81	4-3-14	12:00	60		46.59		13.41	2	6				
	MW-95	"	12:30	37		23.95		13.05	2.1	6.3				
	MW-99	"	13:00	26		10.32		15.68	2.5	7.6				
	MW-102	"	13:30	37		12.3		24.7	4	12				
	MW-103	"	14:00	25		9.84		15.16	2.4	7.4				
	MW-104	"	14:30	72		61.62		10.38	1.6	5				
	SW-3	"	15:00	—	—									

Comments:

*To calculate volume of water in the well multiply "H" by 0.163 for a 2" well, 0.652 for a 4" well, or 1.469 for a 6" well

**To calculate purge volume, multiply "I" by the desired number of well volumes (e.g., 3 to 5)

(e.g., after each well volume)