ENVIRO-PRO
PROFESSIONAL CORPORATION

May 13, 2013

Mr. Mike Griffin
Griffin Brothers Companies
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28078-5613

Subject: Initial Sampling Report
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 initial 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

2646 Farmlake Lane • Fort Mill, SC 29708 • (803) 547-4955 • Fax (803) 548-2233

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) 547-4955

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 1, 2013

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 — Facility Representative Name (Print)
Senior Hydrogeologist — Title
(803) 547-4955 — (Area Code) Telephone Number

Thomas H. Bolyard — Signature
5/15/13 — Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Revised 01/2007

INITIAL MONITORING REPORT

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

Prepared for:
Mr. Mike Griffin
Griffin Brothers Companies
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

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

Project Number EP-1271

May 13, 2013

Monitor well purging and sampling were completed by Enviro-Pro, P.C. (EP) personnel on April 1, 2013. This initial 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) (Method 8260B), Appendix I metals with mercury, and alkalinity, chloride, sulfate, and total dissolved solids (TDS). The completed Chain of Custody Record and the Report of Analysis for these samples are included as Appendix A. A summary of the field parameters recorded during well purging and the Well Development, Purge, and Sample Record are 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 the collection of a field (bailer rinse) blank and a laboratory-prepared trip blank analyzed for volatile organic compounds (VOCs) by Method 8260B.

The field information recorded in Appendix B indicates that the groundwater levels ranged from depths of 9.69 feet in MW-99 to 62.55 feet in MW-104.

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 several of the monitor wells sampled. Chromium and zinc were detected in MW-81. Alkalinity, TDS, sulfate, and chloride were detected in all six monitor wells at concentrations below their respective 2L Standards. No VOCs were detected above their respective 2L Standards in any of the monitor wells or stream sample analyzed from this Expansion Area I site. Table 1 provides a summary of the laboratory test results obtained during this initial 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 2013.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
Highway 49 C&D Landfill - Expansion Area I
Harrisburg, North Carolina
April 1, 2013

Analytical Method →	6010	6010	6010	6010	2320B	2540C	300.0	4500-CL-E
Contaminant of Concern → / Sample ID	Barium	Chromium	Copper	Zinc	Alkalinity	TDS	Sulfate	Chloride
MW-81	0.089	BDL	0.0097	BDL	260	15	15.0	21.0
MW-95	0.077	0.0220	0.0210	0.0630	110	22	40.0	27.0
MW-99	0.065	BDL	0.0052	BDL	17	53	13.0	6.6
MW-102	0.055	BDL	0.0082	BDL	90	140	6.6	5.1
MW-103	0.150	BDL	BDL	BDL	90	190	12.0	9.9
MW-104	0.120	BDL	0.0058	BDL	86	140	13.0	12.0
SW-3	0.0440	BDL	BDL	BDL	NA	NA	NA	NA
Field Blank	BDL	BDL	BDL	BDL	NA	NA	NA	NA
2L Standard	**0.7**	**0.01**	**1**	**1**	**NE**	**500**	**250**	**250**

Notes: All metals/Inorganic compounds are presented in milligrams per liter (mg/l)
BDL = Below detection limit
All VOCs are presented in micrograms per liter (ug/l)
NE = None Established NA = Not Analyzed
Shaded areas represents parameters over the 2L Standard
TDS = Total Dissolved Solids

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: **Highway 49 C&D - Exp. Area I**

Project Number: **EP-1271(B)**

Lot Number: **OD02059**

Date Completed: **04/19/2013**

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: OD02059

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: OD02059

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-81	Aqueous	04/01/2013 0930	04/02/2013
002	MW-95	Aqueous	04/01/2013 1000	04/02/2013
003	MW-99	Aqueous	04/01/2013 1030	04/02/2013
004	MW-102	Aqueous	04/01/2013 1100	04/02/2013
005	MW-103	Aqueous	04/01/2013 1130	04/02/2013
006	MW-104	Aqueous	04/01/2013 1200	04/02/2013
007	SW-3	Aqueous	04/01/2013 1215	04/02/2013
008	Field Blank	Aqueous	04/01/2013 1115	04/02/2013
009	Trip Blank	Aqueous	04/01/2013	04/02/2013

(9 samples)

Executive Summary
Enviro-Pro, P.C.
Lot Number: OD02059

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-81	Aqueous	Alkalinity	SM 2320B-	260		mg/L	5
001	MW-81	Aqueous	Chloride	300.0	21		mg/L	5
001	MW-81	Aqueous	Sulfate	300.0	15		mg/L	5
001	MW-81	Aqueous	TDS	SM 2540C-	15		mg/L	5
001	MW-81	Aqueous	Barium	6010C	0.089		mg/L	8
001	MW-81	Aqueous	Copper	6010C	0.0097		mg/L	8
002	MW-95	Aqueous	Alkalinity	SM 2320B-	110		mg/L	10
002	MW-95	Aqueous	Chloride	300.0	27		mg/L	10
002	MW-95	Aqueous	Sulfate	300.0	40		mg/L	10
002	MW-95	Aqueous	TDS	SM 2540C-	22		mg/L	10
002	MW-95	Aqueous	Barium	6010C	0.077		mg/L	13
002	MW-95	Aqueous	Chromium	6010C	0.022		mg/L	13
002	MW-95	Aqueous	Copper	6010C	0.021		mg/L	13
002	MW-95	Aqueous	Zinc	6010C	0.063		mg/L	13
003	MW-99	Aqueous	Alkalinity	SM 2320B-	17		mg/L	15
003	MW-99	Aqueous	Chloride	300.0	6.6		mg/L	15
003	MW-99	Aqueous	Sulfate	300.0	13		mg/L	15
003	MW-99	Aqueous	TDS	SM 2540C-	53		mg/L	15
003	MW-99	Aqueous	Barium	6010C	0.065		mg/L	18
003	MW-99	Aqueous	Copper	6010C	0.0052		mg/L	18
004	MW-102	Aqueous	Alkalinity	SM 2320B-	90		mg/L	20
004	MW-102	Aqueous	Chloride	300.0	5.1		mg/L	20
004	MW-102	Aqueous	Sulfate	300.0	6.6		mg/L	20
004	MW-102	Aqueous	TDS	SM 2540C-	140		mg/L	20
004	MW-102	Aqueous	Barium	6010C	0.055		mg/L	23
004	MW-102	Aqueous	Copper	6010C	0.0082		mg/L	23
005	MW-103	Aqueous	Alkalinity	SM 2320B-	150		mg/L	25
005	MW-103	Aqueous	Chloride	300.0	9.9		mg/L	25
005	MW-103	Aqueous	Sulfate	300.0	12		mg/L	25
005	MW-103	Aqueous	TDS	SM 2540C-	190		mg/L	25
005	MW-103	Aqueous	Barium	6010C	0.15		mg/L	28
006	MW-104	Aqueous	Alkalinity	SM 2320B-	86		mg/L	30
006	MW-104	Aqueous	Chloride	300.0	12		mg/L	30
006	MW-104	Aqueous	Sulfate	300.0	13		mg/L	30
006	MW-104	Aqueous	TDS	SM 2540C-	140		mg/L	30
006	MW-104	Aqueous	Barium	6010C	0.12		mg/L	33
006	MW-104	Aqueous	Copper	6010C	0.0058		mg/L	33
007	SW-3	Aqueous	Barium	6010C	0.044		mg/L	37

(38 detections)

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-81**
Date Sampled: **04/01/2013 0930**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/10/2013 1828	KMB		18131
1		(Chloride) 300.0	1	04/06/2013 0003	SMH		17896
1		(Sulfate) 300.0	1	04/06/2013 0003	SMH		17899
1		(TDS) SM 2540C-2011	1	04/05/2013 1701	AMM1		17845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**260**		**10**	**mg/L**	**1**
Chloride		**300.0**	**21**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**15**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**15**		**10**	**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **OD02059-001**
Description: **MW-81**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 0930**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0021	MLH		17970

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
Q = Surrogate failure
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
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD02059-001**
Description: **MW-81**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 0930**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0021	MLH		17970

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		72	70-130
Bromofluorobenzene		84	70-130
Toluene-d8		82	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **OD02059-001**
Description: **MW-81**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 0930**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/08/2013 1940	CDF	04/08/2013 0915	17872

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**	**0.089**		**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
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L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 0930**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/09/2013 2300	FCJ	04/09/2013 1735	18025

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD02059-002**
Description: **MW-95**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1000**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/10/2013 1834	KMB		18131
1		(Chloride) 300.0	1	04/06/2013 0027	SMH		17896
1		(Sulfate) 300.0	1	04/06/2013 0027	SMH		17899
1		(TDS) SM 2540C-2011	1	04/05/2013 1701	AMM1		17845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**110**		**10**	**mg/L**	**1**
Chloride		**300.0**	**27**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**40**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**22**		**10**	**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
Q = Surrogate failure
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
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD02059-002**
Description: **MW-95**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1000**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0044	MLH		17970

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
Q = Surrogate failure
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
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD02059-002**
Description: **MW-95**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1000**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0044	MLH		17970

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		72	70-130
Bromofluorobenzene		83	70-130
Toluene-d8		82	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **OD02059-002**
Description: **MW-95**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1000**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/08/2013 1956	CDF	04/08/2013 0915	17872

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**	**0.077**		**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**	**0.022**		**0.0050**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.021**		**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**	**0.063**		**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1000**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/09/2013 2310	FCJ	04/09/2013 1735	18025

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-99**
Date Sampled: **04/01/2013 1030**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/10/2013 1944	KMB		18131
1		(Chloride) 300.0	1	04/06/2013 0051	SMH		17896
1		(Sulfate) 300.0	1	04/06/2013 0051	SMH		17899
1		(TDS) SM 2540C-2011	1	04/05/2013 1701	AMM1		17845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**17**		**10**	**mg/L**	**1**
Chloride		**300.0**	**6.6**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**13**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**53**		**10**	**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1030**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0106	MLH		17970

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **OD02059-003**
Description: **MW-99**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1030**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0106	MLH		17970

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		72	70-130
Bromofluorobenzene		83	70-130
Toluene-d8		81	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **OD02059-003**
Description: **MW-99**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1030**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/08/2013 2003	CDF	04/08/2013 0915	17872

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**	**0.065**		**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**	**0.0052**		**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 | Q = Surrogate failure
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 | L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" | S = MS/MSD failure

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-99**
Date Sampled: **04/01/2013 1030**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/09/2013 2315	FCJ	04/09/2013 1735	18025

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-102**
Date Sampled: **04/01/2013 1100**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/10/2013 1902	KMB		18131
1		(Chloride) 300.0	1	04/06/2013 0115	SMH		17896
1		(Sulfate) 300.0	1	04/06/2013 0115	SMH		17899
1		(TDS) SM 2540C-2011	1	04/05/2013 1701	AMM1		17845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**90**		**10**	**mg/L**	**1**
Chloride		**300.0**	**5.1**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**6.6**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**140**		**10**	**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1100**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0235	MLH		17970

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **OD02059-004**
Description: **MW-102**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1100**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0235	MLH		17970

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		73	70-130
Bromofluorobenzene		82	70-130
Toluene-d8		80	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1100**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/08/2013 2015	CDF	04/08/2013 0915	17872

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**	**0.055**		**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**	**0.0082**		**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1100**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/09/2013 2323	FCJ	04/09/2013 1735	18025

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-103**
Date Sampled: **04/01/2013 1130**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/10/2013 1921	KMB		18131
1		(Chloride) 300.0	1	04/06/2013 0139	SMH		17896
1		(Sulfate) 300.0	1	04/06/2013 0139	SMH		17899
1		(TDS) SM 2540C-2011	1	04/05/2013 1701	AMM1		17845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**150**		**10**	**mg/L**	**1**
Chloride		**300.0**	**9.9**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**12**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**190**		**10**	**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1130**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0128	MLH		17970

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1130**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0128	MLH		17970

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		72	70-130
Bromofluorobenzene		82	70-130
Toluene-d8		81	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **OD02059-005**
Description: **MW-103**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1130**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/08/2013 2019	CDF	04/08/2013 0915	17872

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	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1130**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/09/2013 2326	FCJ	04/09/2013 1735	18025

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-104**
Date Sampled: **04/01/2013 1200**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/10/2013 1939	KMB		18131
1		(Chloride) 300.0	1	04/06/2013 0203	SMH		17896
1		(Sulfate) 300.0	1	04/06/2013 0203	SMH		17899
1		(TDS) SM 2540C-2011	1	04/05/2013 1701	AMM1		17845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**86**		**10**	**mg/L**	**1**
Chloride		**300.0**	**12**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**13**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**140**		**10**	**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1200**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0151	MLH		17970

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1200**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0151	MLH		17970

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		72	70-130
Bromofluorobenzene		83	70-130
Toluene-d8		80	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-104**
Date Sampled: **04/01/2013 1200**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/08/2013 2022	CDF	04/08/2013 0915	17872

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	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.0058**		**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1200**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/09/2013 2328	FCJ	04/09/2013 1735	18025

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1215**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0213	MLH		17970

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1215**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0213	MLH		17970

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		74	70-130
Bromofluorobenzene		82	70-130
Toluene-d8		80	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013 1215**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/08/2013 2026	CDF	04/08/2013 0915	17872

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**	**0.044**		**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **SW-3**
Date Sampled: **04/01/2013 1215**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/09/2013 2331	FCJ	04/09/2013 1735	18025

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **Field Blank**
Date Sampled: **04/01/2013 1115**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0342	MLH		17970

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **OD02059-008**
Description: **Field Blank**
Matrix: **Aqueous**
Date Sampled: **04/01/2013 1115**
Date Received: **04/02/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0342	MLH		17970

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		74	70-130
Bromofluorobenzene		82	70-130
Toluene-d8		80	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0320	MLH		17970

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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
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: **04/01/2013**
Date Received: **04/02/2013**

Laboratory ID: **OD02059-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/09/2013 0320	MLH		17970

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		76	70-130
Bromofluorobenzene		82	70-130
Toluene-d8		80	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Inorganic non-metals - MB

Sample ID: OQ17845-001
Batch: 17845
Analytical Method: SM 2540C-2011

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
TDS	ND		1	10	mg/L	04/05/2013 1701

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

Inorganic non-metals - LCS

Sample ID: OQ17845-002
Batch: 17845
Analytical Method: SM 2540C-2011

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
TDS	1500	1400		1	91	90-110	04/05/2013 1701

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

Inorganic non-metals - Duplicate

Sample ID: OD02059-003DU
Batch: 17845
Analytical Method: SM 2540C-2011

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Result (mg/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
TDS	53	66	+	1	22	20	04/05/2013 1701

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

Inorganic non-metals - MB

Sample ID: OQ17896-001
Batch: 17896
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Chloride	ND		1	1.0	mg/L	04/05/2013 1825

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

Inorganic non-metals - LCS

Sample ID: OQ17896-002 **Matrix:** Aqueous
Batch: 17896
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chloride	20	20		1	99	90-110	04/05/2013 1850

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

Inorganic non-metals - LCSD

Sample ID: OQ17896-003
Batch: 17896
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Chloride	20	20		1	99	0.20	90-110	20	04/05/2013 1914

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

Inorganic non-metals - MB

Sample ID: OQ17899-001
Batch: 17899
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Sulfate	ND		1	1.0	mg/L	04/05/2013 1825

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

Inorganic non-metals - LCS

Sample ID: OQ17899-002
Batch: 17899
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	20	20		1	102	90-110	04/05/2013 1850

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

Inorganic non-metals - LCSD

Sample ID: OQ17899-003 **Matrix:** Aqueous
Batch: 17899
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	20	20		1	100	2.0	90-110	20	04/05/2013 1914

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

Inorganic non-metals - MB

Sample ID: OQ18131-001
Batch: 18131
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Alkalinity	ND		1	10	mg/L	04/10/2013 1701

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

Inorganic non-metals - LCS

Sample ID: OQ18131-002
Batch: 18131
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Alkalinity	100	100		1	101	90-110	04/10/2013 1708

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

Inorganic non-metals - LCSD

Sample ID: OQ18131-003
Batch: 18131
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Alkalinity	100	100		1	101	0.20	90-110	20	04/10/2013 1714

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

Inorganic non-metals - MS

Sample ID: OD02059-003MS
Batch: 18131
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Alkalinity	17	100	110		1	96	70-130	04/10/2013 1849

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

Inorganic non-metals - MSD

Sample ID: OD02059-003MD
Batch: 18131
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Alkalinity	17	100	110		1	96	0.48	70-130	20	04/10/2013 1856

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

Inorganic non-metals - MS

Sample ID: OD02059-004MS
Batch: 18131
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Alkalinity	90	100	180		1	93	70-130	04/10/2013 1908

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

Inorganic non-metals - MSD

Sample ID: OD02059-004MD
Batch: 18131
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Alkalinity	90	100	180		1	91	0.72	70-130	20	04/10/2013 1914

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: OQ17970-001
Batch: 17970
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	04/08/2013 2346
Acrylonitrile	ND		1	20	ug/L	04/08/2013 2346
Benzene	ND		1	1.0	ug/L	04/08/2013 2346
Bromochloromethane	ND		1	1.0	ug/L	04/08/2013 2346
Bromodichloromethane	ND		1	1.0	ug/L	04/08/2013 2346
Bromoform	ND		1	1.0	ug/L	04/08/2013 2346
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	04/08/2013 2346
2-Butanone (MEK)	ND		1	10	ug/L	04/08/2013 2346
Carbon disulfide	ND		1	1.0	ug/L	04/08/2013 2346
Carbon tetrachloride	ND		1	1.0	ug/L	04/08/2013 2346
Chlorobenzene	ND		1	1.0	ug/L	04/08/2013 2346
Chloroethane	ND		1	2.0	ug/L	04/08/2013 2346
Chloroform	ND		1	1.0	ug/L	04/08/2013 2346
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	04/08/2013 2346
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	04/08/2013 2346
Dibromochloromethane	ND		1	1.0	ug/L	04/08/2013 2346
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	04/08/2013 2346
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	04/08/2013 2346
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	04/08/2013 2346
1,4-Dichlorobenzene	ND		1	1.0	ug/L	04/08/2013 2346
1,2-Dichlorobenzene	ND		1	1.0	ug/L	04/08/2013 2346
1,2-Dichloroethane	ND		1	1.0	ug/L	04/08/2013 2346
1,1-Dichloroethane	ND		1	1.0	ug/L	04/08/2013 2346
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	04/08/2013 2346
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	04/08/2013 2346
1,1-Dichloroethene	ND		1	1.0	ug/L	04/08/2013 2346
1,2-Dichloropropane	ND		1	1.0	ug/L	04/08/2013 2346
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	04/08/2013 2346
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	04/08/2013 2346
Ethylbenzene	ND		1	1.0	ug/L	04/08/2013 2346
2-Hexanone	ND		1	10	ug/L	04/08/2013 2346
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	04/08/2013 2346
4-Methyl-2-pentanone	ND		1	10	ug/L	04/08/2013 2346
Methylene chloride	ND		1	1.0	ug/L	04/08/2013 2346
Styrene	ND		1	1.0	ug/L	04/08/2013 2346
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	04/08/2013 2346
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	04/08/2013 2346
Tetrachloroethene	ND		1	1.0	ug/L	04/08/2013 2346
Tetrahydrofuran	ND		1	5.0	ug/L	04/08/2013 2346
Toluene	ND		1	1.0	ug/L	04/08/2013 2346
1,1,2-Trichloroethane	ND		1	1.0	ug/L	04/08/2013 2346
1,1,1-Trichloroethane	ND		1	1.0	ug/L	04/08/2013 2346
Trichloroethene	ND		1	1.0	ug/L	04/08/2013 2346
Trichlorofluoromethane	ND		1	1.0	ug/L	04/08/2013 2346

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: OQ17970-001
Batch: 17970
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	04/08/2013 2346
Vinyl acetate	ND		1	5.0	ug/L	04/08/2013 2346
Vinyl chloride	ND		1	1.0	ug/L	04/08/2013 2346
Xylenes (total)	ND		1	1.0	ug/L	04/08/2013 2346

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		84	70-130
1,2-Dichloroethane-d4		71	70-130
Toluene-d8		81	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: OQ17970-002
Batch: 17970
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	110		1	105	70-130	04/08/2013 2216
Acrylonitrile	100	100		1	104	70-130	04/08/2013 2216
Benzene	50	45		1	90	70-130	04/08/2013 2216
Bromochloromethane	50	45		1	89	70-130	04/08/2013 2216
Bromodichloromethane	50	49		1	99	70-130	04/08/2013 2216
Bromoform	50	46		1	92	70-130	04/08/2013 2216
Bromomethane (Methyl bromide)	50	46		1	92	60-140	04/08/2013 2216
2-Butanone (MEK)	100	110		1	114	60-140	04/08/2013 2216
Carbon disulfide	50	50		1	101	60-140	04/08/2013 2216
Carbon tetrachloride	50	42		1	84	70-130	04/08/2013 2216
Chlorobenzene	50	46		1	91	70-130	04/08/2013 2216
Chloroethane	50	50		1	99	42-163	04/08/2013 2216
Chloroform	50	46		1	92	70-130	04/08/2013 2216
Chloromethane (Methyl chloride)	50	50		1	100	70-130	04/08/2013 2216
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	84	70-130	04/08/2013 2216
Dibromochloromethane	50	50		1	101	70-130	04/08/2013 2216
1,2-Dibromoethane (EDB)	50	48		1	95	70-130	04/08/2013 2216
Dibromomethane (Methylene bromide)	50	46		1	92	70-130	04/08/2013 2216
trans-1,4-Dichloro-2-butene	50	55		1	110	34-142	04/08/2013 2216
1,4-Dichlorobenzene	50	44		1	88	70-130	04/08/2013 2216
1,2-Dichlorobenzene	50	42		1	84	70-130	04/08/2013 2216
1,2-Dichloroethane	50	43		1	86	70-130	04/08/2013 2216
1,1-Dichloroethane	50	46		1	92	70-130	04/08/2013 2216
trans-1,2-Dichloroethene	50	45		1	90	70-130	04/08/2013 2216
cis-1,2-Dichloroethene	50	46		1	92	70-130	04/08/2013 2216
1,1-Dichloroethene	50	43		1	87	70-130	04/08/2013 2216
1,2-Dichloropropane	50	50		1	100	70-130	04/08/2013 2216
trans-1,3-Dichloropropene	50	52		1	103	70-130	04/08/2013 2216
cis-1,3-Dichloropropene	50	52		1	105	70-130	04/08/2013 2216
Ethylbenzene	50	48		1	97	70-130	04/08/2013 2216
2-Hexanone	100	100		1	104	60-140	04/08/2013 2216
Methyl iodide (Iodomethane)	50	46		1	92	70-130	04/08/2013 2216
4-Methyl-2-pentanone	100	110		1	106	60-140	04/08/2013 2216
Methylene chloride	50	47		1	93	70-130	04/08/2013 2216
Styrene	50	52		1	103	70-130	04/08/2013 2216
1,1,2,2-Tetrachloroethane	50	52		1	105	60-140	04/08/2013 2216
1,1,1,2-Tetrachloroethane	50	48		1	95	70-130	04/08/2013 2216
Tetrachloroethene	50	44		1	87	70-130	04/08/2013 2216
Tetrahydrofuran	50	52		1	104	70-130	04/08/2013 2216
Toluene	50	47		1	95	70-130	04/08/2013 2216
1,1,2-Trichloroethane	50	48		1	97	70-130	04/08/2013 2216
1,1,1-Trichloroethane	50	43		1	87	70-130	04/08/2013 2216
Trichloroethene	50	44		1	87	70-130	04/08/2013 2216
Trichlorofluoromethane	50	42		1	84	70-130	04/08/2013 2216

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: OQ17970-002
Batch: 17970
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	04/08/2013 2216
Vinyl acetate	50	47		1	93	60-140	04/08/2013 2216
Vinyl chloride	50	51		1	102	70-130	04/08/2013 2216
Xylenes (total)	100	96		1	96	70-130	04/08/2013 2216

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		83	70-130
1,2-Dichloroethane-d4		72	70-130
Toluene-d8		83	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: OQ17970-003
Batch: 17970
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	111	5.1	70-130	20	04/08/2013 2239
Acrylonitrile	100	110		1	105	1.0	70-130	20	04/08/2013 2239
Benzene	50	43		1	86	4.3	70-130	20	04/08/2013 2239
Bromochloromethane	50	44		1	87	1.8	70-130	20	04/08/2013 2239
Bromodichloromethane	50	48		1	96	3.1	70-130	20	04/08/2013 2239
Bromoform	50	45		1	91	0.77	70-130	20	04/08/2013 2239
Bromomethane (Methyl bromide)	50	42		1	83	9.8	60-140	20	04/08/2013 2239
2-Butanone (MEK)	100	110		1	115	0.69	60-140	20	04/08/2013 2239
Carbon disulfide	50	48		1	96	5.4	60-140	20	04/08/2013 2239
Carbon tetrachloride	50	40		1	79	5.3	70-130	20	04/08/2013 2239
Chlorobenzene	50	44		1	88	3.4	70-130	20	04/08/2013 2239
Chloroethane	50	46		1	93	7.1	42-163	20	04/08/2013 2239
Chloroform	50	44		1	89	3.4	70-130	20	04/08/2013 2239
Chloromethane (Methyl chloride)	50	46		1	92	8.2	70-130	20	04/08/2013 2239
1,2-Dibromo-3-chloropropane (DBCP)	50	41		1	82	2.3	70-130	20	04/08/2013 2239
Dibromochloromethane	50	50		1	99	1.5	70-130	20	04/08/2013 2239
1,2-Dibromoethane (EDB)	50	48		1	95	0.19	70-130	20	04/08/2013 2239
Dibromomethane (Methylene bromide)	50	45		1	90	1.6	70-130	20	04/08/2013 2239
trans-1,4-Dichloro-2-butene	50	54		1	108	1.9	34-142	20	04/08/2013 2239
1,4-Dichlorobenzene	50	43		1	85	2.8	70-130	20	04/08/2013 2239
1,2-Dichlorobenzene	50	41		1	82	2.8	70-130	20	04/08/2013 2239
1,2-Dichloroethane	50	42		1	85	1.7	70-130	20	04/08/2013 2239
1,1-Dichloroethane	50	44		1	88	4.8	70-130	20	04/08/2013 2239
trans-1,2-Dichloroethene	50	42		1	85	5.4	70-130	20	04/08/2013 2239
cis-1,2-Dichloroethene	50	44		1	88	4.8	70-130	20	04/08/2013 2239
1,1-Dichloroethene	50	41		1	82	4.9	70-130	20	04/08/2013 2239
1,2-Dichloropropane	50	48		1	97	3.3	70-130	20	04/08/2013 2239
trans-1,3-Dichloropropene	50	51		1	101	2.1	70-130	20	04/08/2013 2239
cis-1,3-Dichloropropene	50	51		1	102	2.5	70-130	20	04/08/2013 2239
Ethylbenzene	50	46		1	92	4.6	70-130	20	04/08/2013 2239
2-Hexanone	100	100		1	104	0.30	60-140	20	04/08/2013 2239
Methyl iodide (Iodomethane)	50	44		1	88	4.5	70-130	20	04/08/2013 2239
4-Methyl-2-pentanone	100	110		1	105	0.82	60-140	20	04/08/2013 2239
Methylene chloride	50	45		1	90	3.0	70-130	20	04/08/2013 2239
Styrene	50	50		1	100	3.4	70-130	20	04/08/2013 2239
1,1,2,2-Tetrachloroethane	50	51		1	103	2.0	60-140	20	04/08/2013 2239
1,1,1,2-Tetrachloroethane	50	45		1	91	4.8	70-130	20	04/08/2013 2239
Tetrachloroethene	50	42		1	83	4.5	70-130	20	04/08/2013 2239
Tetrahydrofuran	50	53		1	105	0.87	70-130	20	04/08/2013 2239
Toluene	50	45		1	91	4.2	70-130	20	04/08/2013 2239
1,1,2-Trichloroethane	50	48		1	95	1.2	70-130	20	04/08/2013 2239
1,1,1-Trichloroethane	50	41		1	82	6.3	70-130	20	04/08/2013 2239
Trichloroethene	50	41		1	83	5.2	70-130	20	04/08/2013 2239
Trichlorofluoromethane	50	38		1	76	9.7	70-130	20	04/08/2013 2239

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: OQ17970-003
Batch: 17970
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	0.015	70-130	20	04/08/2013 2239
Vinyl acetate	50	47		1	93	0.032	60-140	20	04/08/2013 2239
Vinyl chloride	50	47		1	95	7.0	70-130	20	04/08/2013 2239
Xylenes (total)	100	92		1	92	4.4	70-130	20	04/08/2013 2239

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		83	70-130
1,2-Dichloroethane-d4		72	70-130
Toluene-d8		83	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: OD02059-002DU
Batch: 17970
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	04/09/2013 0405
Acrylonitrile	ND	ND		1	0.00	20	04/09/2013 0405
Benzene	ND	ND		1	0.00	20	04/09/2013 0405
Bromochloromethane	ND	ND		1	0.00	20	04/09/2013 0405
Bromodichloromethane	ND	ND		1	0.00	20	04/09/2013 0405
Bromoform	ND	ND		1	0.00	20	04/09/2013 0405
Bromomethane (Methyl bromide)	ND	ND		1	0.00	20	04/09/2013 0405
2-Butanone (MEK)	ND	ND		1	0.00	20	04/09/2013 0405
Carbon disulfide	ND	ND		1	0.00	20	04/09/2013 0405
Carbon tetrachloride	ND	ND		1	0.00	20	04/09/2013 0405
Chlorobenzene	ND	ND		1	0.00	20	04/09/2013 0405
Chloroethane	ND	ND		1	0.00	20	04/09/2013 0405
Chloroform	ND	ND		1	0.00	20	04/09/2013 0405
Chloromethane (Methyl chloride)	ND	ND		1	0.00	20	04/09/2013 0405
1,2-Dibromo-3-chloropropane (DBCP)	ND	ND		1	0.00	20	04/09/2013 0405
Dibromochloromethane	ND	ND		1	0.00	20	04/09/2013 0405
1,2-Dibromoethane (EDB)	ND	ND		1	0.00	20	04/09/2013 0405
Dibromomethane (Methylene bromide)	ND	ND		1	0.00	20	04/09/2013 0405
trans-1,4-Dichloro-2-butene	ND	ND		1	0.00	20	04/09/2013 0405
1,2-Dichlorobenzene	ND	ND		1	0.00	20	04/09/2013 0405
1,4-Dichlorobenzene	ND	ND		1	0.00	20	04/09/2013 0405
1,1-Dichloroethane	ND	ND		1	0.00	20	04/09/2013 0405
1,2-Dichloroethane	ND	ND		1	0.00	20	04/09/2013 0405
1,1-Dichloroethene	ND	ND		1	0.00	20	04/09/2013 0405
cis-1,2-Dichloroethene	ND	ND		1	0.00	20	04/09/2013 0405
trans-1,2-Dichloroethene	ND	ND		1	0.00	20	04/09/2013 0405
1,2-Dichloropropane	ND	ND		1	0.00	20	04/09/2013 0405
cis-1,3-Dichloropropene	ND	ND		1	0.00	20	04/09/2013 0405
trans-1,3-Dichloropropene	ND	ND		1	0.00	20	04/09/2013 0405
Ethylbenzene	ND	ND		1	0.00	20	04/09/2013 0405
2-Hexanone	ND	ND		1	0.00	20	04/09/2013 0405
Methyl iodide (Iodomethane)	ND	ND		1	0.00	20	04/09/2013 0405
4-Methyl-2-pentanone	ND	ND		1	0.00	20	04/09/2013 0405
Methylene chloride	ND	ND		1	0.00	20	04/09/2013 0405
Styrene	ND	ND		1	0.00	20	04/09/2013 0405
1,1,1,2-Tetrachloroethane	ND	ND		1	0.00	20	04/09/2013 0405
1,1,2,2-Tetrachloroethane	ND	ND		1	0.00	20	04/09/2013 0405
Tetrachloroethene	ND	ND		1	0.00	20	04/09/2013 0405
Tetrahydrofuran	ND	ND		1	0.00	20	04/09/2013 0405
Toluene	ND	ND		1	0.00	20	04/09/2013 0405
1,1,1-Trichloroethane	ND	ND		1	0.00	20	04/09/2013 0405
1,1,2-Trichloroethane	ND	ND		1	0.00	20	04/09/2013 0405
Trichloroethene	ND	ND		1	0.00	20	04/09/2013 0405
Trichlorofluoromethane	ND	ND		1	0.00	20	04/09/2013 0405

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: OD02059-002DU
Batch: 17970
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	04/09/2013 0405
Vinyl acetate	ND	ND		1	0.00	20	04/09/2013 0405
Vinyl chloride	ND	ND		1	0.00	20	04/09/2013 0405
Xylenes (total)	ND	ND		1	0.00	20	04/09/2013 0405

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		75	70-130
Bromofluorobenzene		82	70-130
Toluene-d8		80	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: OD02059-001MS
Batch: 17970
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	99		1	99	60-140	04/09/2013 0427
Acrylonitrile	ND	100	85		1	85	70-122	04/09/2013 0427
Benzene	ND	50	41		1	82	72-127	04/09/2013 0427
Bromochloromethane	ND	50	45		1	90	70-130	04/09/2013 0427
Bromodichloromethane	ND	50	51		1	102	71-143	04/09/2013 0427
Bromoform	ND	50	48		1	96	65-131	04/09/2013 0427
Bromomethane (Methyl bromide)	ND	50	41		1	83	36-168	04/09/2013 0427
2-Butanone (MEK)	ND	100	95		1	95	60-140	04/09/2013 0427
Carbon disulfide	ND	50	45		1	90	60-140	04/09/2013 0427
Carbon tetrachloride	ND	50	48		1	97	37-166	04/09/2013 0427
Chlorobenzene	ND	50	46		1	91	78-129	04/09/2013 0427
Chloroethane	ND	50	43		1	85	60-140	04/09/2013 0427
Chloroform	ND	50	46		1	92	63-123	04/09/2013 0427
Chloromethane (Methyl chloride)	ND	50	38		1	76	20-158	04/09/2013 0427
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	44		1	89	70-130	04/09/2013 0427
Dibromochloromethane	ND	50	52		1	104	74-134	04/09/2013 0427
1,2-Dibromoethane (EDB)	ND	50	46		1	92	70-130	04/09/2013 0427
Dibromomethane (Methylene bromide)	ND	50	46		1	92	70-130	04/09/2013 0427
trans-1,4-Dichloro-2-butene	ND	50	48		1	95	34-142	04/09/2013 0427
1,2-Dichlorobenzene	ND	50	43		1	85	70-130	04/09/2013 0427
1,4-Dichlorobenzene	ND	50	43		1	86	70-130	04/09/2013 0427
1,1-Dichloroethane	ND	50	41		1	82	69-132	04/09/2013 0427
1,2-Dichloroethane	ND	50	44		1	88	59-143	04/09/2013 0427
1,1-Dichloroethene	ND	50	42		1	83	50-132	04/09/2013 0427
cis-1,2-Dichloroethene	ND	50	42		1	85	70-130	04/09/2013 0427
trans-1,2-Dichloroethene	ND	50	42		1	84	67-141	04/09/2013 0427
1,2-Dichloropropane	ND	50	44		1	88	71-126	04/09/2013 0427
cis-1,3-Dichloropropene	ND	50	48		1	96	69-130	04/09/2013 0427
trans-1,3-Dichloropropene	ND	50	48		1	95	73-131	04/09/2013 0427
Ethylbenzene	ND	50	47		1	94	79-132	04/09/2013 0427
2-Hexanone	ND	100	88		1	88	60-140	04/09/2013 0427
Methyl iodide (Iodomethane)	ND	50	46		1	92	70-130	04/09/2013 0427
4-Methyl-2-pentanone	ND	100	92		1	92	60-140	04/09/2013 0427
Methylene chloride	ND	50	42		1	83	69-129	04/09/2013 0427
Styrene	ND	50	49		1	99	70-130	04/09/2013 0427
1,1,1,2-Tetrachloroethane	ND	50	50		1	100	70-130	04/09/2013 0427
1,1,2,2-Tetrachloroethane	ND	50	46		1	92	60-155	04/09/2013 0427
Tetrachloroethene	ND	50	46		1	92	70-130	04/09/2013 0427
Tetrahydrofuran	ND	50	42		1	85	70-130	04/09/2013 0427
Toluene	ND	50	46		1	92	75-125	04/09/2013 0427
1,1,1-Trichloroethane	ND	50	46		1	93	77-132	04/09/2013 0427
1,1,2-Trichloroethane	ND	50	46		1	91	77-132	04/09/2013 0427
Trichloroethene	ND	50	47		1	93	73-124	04/09/2013 0427
Trichlorofluoromethane	ND	50	47		1	93	41-173	04/09/2013 0427

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: OD02059-001MS
Batch: 17970
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	45		1	90	70-130	04/09/2013 0427
Vinyl acetate	ND	50	38		1	75	60-140	04/09/2013 0427
Vinyl chloride	ND	50	40		1	80	29-159	04/09/2013 0427
Xylenes (total)	ND	100	94		1	94	70-130	04/09/2013 0427

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		75	70-130
Bromofluorobenzene		83	70-130
Toluene-d8		81	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: OQ17872-001
Batch: 17872
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/08/2013 915

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Antimony	ND		1	0.010	mg/L	04/08/2013 1929
Arsenic	ND		1	0.010	mg/L	04/08/2013 1929
Barium	ND		1	0.025	mg/L	04/08/2013 1929
Beryllium	ND		1	0.0040	mg/L	04/08/2013 1929
Cadmium	ND		1	0.0020	mg/L	04/08/2013 1929
Chromium	ND		1	0.0050	mg/L	04/08/2013 1929
Cobalt	ND		1	0.025	mg/L	04/08/2013 1929
Copper	ND		1	0.0050	mg/L	04/08/2013 1929
Lead	ND		1	0.010	mg/L	04/08/2013 1929
Nickel	ND		1	0.040	mg/L	04/08/2013 1929
Selenium	ND		1	0.010	mg/L	04/08/2013 1929
Silver	ND		1	0.0050	mg/L	04/08/2013 1929
Vanadium	ND		1	0.050	mg/L	04/08/2013 1929
Zinc	ND		1	0.020	mg/L	04/09/2013 2236

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: OQ17872-002
Batch: 17872
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/08/2013 915

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	0.40	0.41		1	104	80-120	04/08/2013 1932
Arsenic	0.40	0.42		1	105	80-120	04/08/2013 1932
Barium	2.0	2.0		1	102	80-120	04/08/2013 1932
Beryllium	2.0	2.1		1	106	80-120	04/08/2013 1932
Cadmium	0.40	0.41		1	103	80-120	04/08/2013 1932
Chromium	2.0	2.1		1	104	80-120	04/08/2013 1932
Cobalt	2.0	2.1		1	105	80-120	04/08/2013 1932
Copper	2.0	2.0		1	101	80-120	04/08/2013 1932
Lead	0.40	0.42		1	105	80-120	04/08/2013 1932
Nickel	2.0	2.1		1	105	80-120	04/08/2013 1932
Selenium	0.40	0.44		1	109	80-120	04/08/2013 1932
Silver	0.40	0.39		1	98	80-120	04/08/2013 1932
Vanadium	2.0	2.1		1	103	80-120	04/08/2013 1932
Zinc	2.0	2.0		1	102	80-120	04/09/2013 2240

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: OQ17872-003 **Matrix:** Aqueous
Batch: 17872 **Prep Method:** 3005A
Analytical Method: 6010C **Prep Date:** 04/08/2013 915

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	0.35	80-120	20	04/08/2013 1936
Arsenic	0.40	0.41		1	104	1.7	80-120	20	04/08/2013 1936
Barium	2.0	2.1		1	104	1.6	80-120	20	04/08/2013 1936
Beryllium	2.0	2.1		1	107	0.45	80-120	20	04/08/2013 1936
Cadmium	0.40	0.41		1	103	0.54	80-120	20	04/08/2013 1936
Chromium	2.0	2.1		1	104	0.074	80-120	20	04/08/2013 1936
Cobalt	2.0	2.1		1	105	0.60	80-120	20	04/08/2013 1936
Copper	2.0	2.0		1	101	0.0011	80-120	20	04/08/2013 1936
Lead	0.40	0.42		1	105	0.31	80-120	20	04/08/2013 1936
Nickel	2.0	2.1		1	105	0.22	80-120	20	04/08/2013 1936
Selenium	0.40	0.42		1	104	4.1	80-120	20	04/08/2013 1936
Silver	0.40	0.40		1	100	1.2	80-120	20	04/08/2013 1936
Vanadium	2.0	2.1		1	103	0.44	80-120	20	04/08/2013 1936
Zinc	2.0	2.0		1	102	0.87	80-120	20	04/09/2013 2244

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 - MS

Sample ID: OD02059-001MS
Batch: 17872
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/08/2013 915

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	ND	0.40	0.41		1	103	75-125	04/08/2013 1944
Arsenic	ND	0.40	0.41		1	103	75-125	04/08/2013 1944
Barium	0.089	2.0	2.1		1	103	75-125	04/08/2013 1944
Beryllium	ND	2.0	2.1		1	105	75-125	04/08/2013 1944
Cadmium	ND	0.40	0.41		1	102	75-125	04/08/2013 1944
Chromium	ND	2.0	2.0		1	102	75-125	04/08/2013 1944
Cobalt	ND	2.0	2.0		1	102	75-125	04/08/2013 1944
Copper	0.0097	2.0	2.0		1	101	75-125	04/08/2013 1944
Lead	ND	0.40	0.42		1	104	75-125	04/08/2013 1944
Nickel	ND	2.0	2.0		1	102	75-125	04/08/2013 1944
Selenium	ND	0.40	0.43		1	108	75-125	04/08/2013 1944
Silver	ND	0.40	0.40		1	99	75-125	04/08/2013 1944
Vanadium	ND	2.0	2.1		1	103	75-125	04/08/2013 1944
Zinc	ND	2.0	2.0		1	100	75-125	04/08/2013 1944

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 - MSD

Sample ID: OD02059-001MD
Batch: 17872
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/08/2013 915

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Antimony	ND	0.40	0.41		1	103	0.36	75-125	20	04/08/2013 1948
Arsenic	ND	0.40	0.42		1	105	1.6	75-125	20	04/08/2013 1948
Barium	0.089	2.0	2.2		1	104	1.1	75-125	20	04/08/2013 1948
Beryllium	ND	2.0	2.1		1	106	1.5	75-125	20	04/08/2013 1948
Cadmium	ND	0.40	0.41		1	103	1.3	75-125	20	04/08/2013 1948
Chromium	ND	2.0	2.1		1	103	1.6	75-125	20	04/08/2013 1948
Cobalt	ND	2.0	2.1		1	104	1.2	75-125	20	04/08/2013 1948
Copper	0.0097	2.0	2.1		1	103	1.7	75-125	20	04/08/2013 1948
Lead	ND	0.40	0.42		1	104	0.43	75-125	20	04/08/2013 1948
Nickel	ND	2.0	2.1		1	103	1.1	75-125	20	04/08/2013 1948
Selenium	ND	0.40	0.43		1	107	0.40	75-125	20	04/08/2013 1948
Silver	ND	0.40	0.41		1	102	2.3	75-125	20	04/08/2013 1948
Vanadium	ND	2.0	2.1		1	104	1.8	75-125	20	04/08/2013 1948
Zinc	ND	2.0	2.0		1	102	1.6	75-125	20	04/08/2013 1948

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 - MS

Sample ID: OD02059-002MS
Batch: 17872
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/08/2013 915

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	ND	0.40	0.41		1	103	75-125	04/08/2013 1959
Arsenic	ND	0.40	0.41		1	103	75-125	04/08/2013 1959
Barium	0.077	2.0	2.1		1	102	75-125	04/08/2013 1959
Beryllium	ND	2.0	2.1		1	104	75-125	04/08/2013 1959
Cadmium	ND	0.40	0.41		1	103	75-125	04/08/2013 1959
Chromium	0.022	2.0	2.1		1	102	75-125	04/08/2013 1959
Cobalt	ND	2.0	2.1		1	104	75-125	04/08/2013 1959
Copper	0.021	2.0	2.0		1	101	75-125	04/08/2013 1959
Lead	ND	0.40	0.41		1	102	75-125	04/08/2013 1959
Nickel	ND	2.0	2.1		1	104	75-125	04/08/2013 1959
Selenium	ND	0.40	0.44		1	109	75-125	04/08/2013 1959
Silver	ND	0.40	0.39		1	97	75-125	04/08/2013 1959
Vanadium	ND	2.0	2.0		1	102	75-125	04/08/2013 1959
Zinc	0.063	2.0	2.0		1	99	75-125	04/08/2013 1959

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: OQ18025-001
Batch: 18025
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/09/2013 1735

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.00010	mg/L	04/09/2013 2253

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: OQ18025-002
Batch: 18025
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/09/2013 1735

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0018		1	92	85-115	04/09/2013 2255

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: OQ18025-003
Batch: 18025
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/09/2013 1735

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0018		1	88	4.5	85-115	20	04/09/2013 2258

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 - MS

Sample ID: OD02059-001MS
Batch: 18025
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/09/2013 1735

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0020		1	100	85-115	04/09/2013 2303

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 - MSD

Sample ID: OD02059-001MD
Batch: 18025
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/09/2013 1735

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	ND	0.0020	0.0019		1	97	3.5	85-115	20	04/09/2013 2306

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 - MS

Sample ID: OD02059-002MS
Batch: 18025
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/09/2013 1735

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0020		1	100	85-115	04/09/2013 2313

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 16361

Client: Enviro-Pro, P.C.	Report to Contact: Tom 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. Area I			
Project Number: EP-1271(B)	P.O Number		Lot No. OD02259

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	App I VOCs + MTBE	App I Metals + Hg	Chloride & Sulfate	TDS & Alkalinity	Remarks / Cooler ID
Number of Containers									3	1	1	1	
Bottle (See Instructions on back)									A	D	F	K	
Preservative									5	4	1	1	
MW-81	4/1/13	9:30	G	X					✓	✓	✓	✓	Use lower level NC
MW-95	"	10:00	G	X					✓	✓	✓	✓	DENR Solid Waste
MW-99	"	10:30	G	X					✓	✓	✓	✓	Detection Limits; Also
MW-102	"	11:00	G	X					✓	✓	✓	✓	Send EDD Version
MW-103	"	11:30	G	X					✓	✓	✓	✓	
MW-104	"	12:00	G	X					✓	✓	✓	✓	
SW-3	"	12:15	G	X					✓	✓			
Field Blank	"	11:15	G						✓				
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: 4/2/13	Time: 0842	1. Received by: G. Pickard	Date: 4-2-13	Time: 0842
2. Relinquished by: G. Pickard	Date: 4-2-13	Time: 1430	2. Received by: Mike Chapman	Date: 4.2.13	Time: 1430
3. Relinquished by: Mike Chapman	Date: 4.2.13	Time: 1535	3. Received by:	Date:	Time:
4. Relinquished by:	Date:	Time:	4. Laboratory Received by:	Date: 4-2-13	Time: 1535

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

Sample Receipt Checklist (SRC)

Client: EnviroPro Cooler Inspected by/date: [illegible] 4/2/13 Lot #: 0D02059

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☑		1. Were custody seals present on the cooler?
Yes ☐	No ☐		2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 331 / 1.0 °C ___ / ___ °C ___ / ___ °C ___ / ___ °C
Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☐	No ☐	NA ☑	5a Were samples relinquished by client to commercial courier?
Yes ☑	No ☐		6. Were sample IDs listed?
Yes ☑	No ☐		7. Was collection date & time listed?
Yes ☑	No ☐		8. Were tests to be performed listed on the COC?
Yes ☑	No ☐		9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		12. Was adequate sample volume available?
Yes ☑	No ☐		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		14. Were any samples containers missing?
Yes ☐	No ☑		15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☐	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?
Yes ☑	No ☐	NA ☐	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s)_____were received incorrectly preserved and were adjusted accordingly in sample receiving with _____(H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number) _____.

Sample(s)_____were received with bubbles >6 mm in diameter.

Sample(s)_____were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Sample labels verified by: [illegible] Date: 4/2/13

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee: _____ Date of response: _____

Comments:_____

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: Hwy 49 C&D Landfill, Inc.
LOCATION: Harrisburg, NC
PROJECT NAME/DESCRIPTION: Hwy 49 C&D – Exp. Area I
DATE OF WATER LEVEL MEASUREMENTS: 4-1-13

DEVELOP:
PURGING: ✓
SAMPLING: ✓

PROJECT NO.: EP-1271B
PROJ. MGR.: THB
CHECKED BY:
PREPARED BY: THB

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	4-1-13	9:30	60		47.98		12.02	1.9	6				
	MW-95	"	10:00	37		24.02		12.98	2	6				
	MW-99	"	10:30	26		9.69		16.31	2.5	7.5				
	MW-102	"	11:00	37		12.86		24.14	3.9	12				
	MW-103	"	11:30	25		10.41		14.59	2.3	7				
	MW-104	"	12:00	72		62.55		9.45	1.5	4.5				
	Field Blank	"	11:15	—										
	SW-3	"	12:15	—										

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)