November 27, 2013

Mr. Mike Griffin
Griffin Brothers Companies
19109 W. Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

RE: Second 2013 Semi-Annual Sampling Report (23)
Highway 55 C&D Landfill
Wake County, North Carolina
Project No. EP-1306

Dear Mr. Griffin:

In accordance with the Water Quality Monitoring Plan approved by the North Carolina DENR-Solid Waste Section on August 9, 2002 as part of the Site Plan Application Report and the final Permit to Operate, Enviro-Pro, P.C. (EP) personnel have completed the second semi-annual round of sampling for 2013 at the subject site.

Enviro-Pro appreciates the opportunity to continue to provide our environmental services on your project. Please contact me at (803) 547-4955 if you have any questions concerning this Report or when we can be of further service.

Sincerely,
ENVIRO-PRO, P.C.

Thomas H. Bolyard

Thomas H. Bolyard, P.G.
Senior Hydrogeologist

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: Thomas H. Bolyard, P.G. Phone: (803) 547-4955

E-mail: enivropro@comporium.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Highway 55 C&D Landfill	5940 Old Smithfield Road, Apex, NC	92-30	.0500	November 4, 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.

Thomas H. Bolyard P.G.	Senior Hydrogeologist	(803) 547-4955
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Thomas H. Bolyard	11/27/13	Affix NC Licensed/ Professional Geologist/Engineer Seal here:
Signature	Date	

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Revised 01/2007

MONITORING REPORT (23)

Highway 55 C&D Landfill
Wake County, 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 29708

Project Number EP-1306

November 27, 2013

NORTH CAROLINA LICENSED 492 GEOLOGIST THOMAS H. BOLYARD

The second 2013 semi-annual sampling event for this site was conducted by Enviro-Pro, P.C. (EP) personnel on November 4, 2013 and includes upstream and downstream samples of Little Creek (SW-1 and SW-2), Falls Branch (SW-3 and SW-4), and groundwater monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, and MW-11. Sampling locations are indicated on attached Figure 1. For QA/QC purposes, a field equipment (i.e., bailer) rinse blank and a laboratory trip blank were also analyzed for VOCs.

All samples were collected as described in the approved Water Quality Monitoring Plan and were then transported to the Shealy Environmental Services, Inc laboratory in West Columbia, South Carolina (a North Carolina certified laboratory) 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 for these samples along with Shealy's Report of Analysis is attached as Appendix A. A summary of the field parameters recorded during well purging and the volume of water purged from each well prior to sampling is provided on the field forms included in Appendix B.

A summary of groundwater and surface water analytical results is presented in Table 1. Barium was detected in all the groundwater and surface water samples collected. Barium was detected in MW-1 and MW-10 at concentrations slightly above its 2L standard. Mercury was detected in MW-1 at a concentration above its 2L Standard. Arsenic was detected in MW-7, MW-8, and MW-9 at concentrations at or above its 2L Standard. Chromium and lead were detected in MW-7 at concentrations slightly above their 2L Standards. Vinyl Chloride was detected in MW-8 at a concentration above its 2L Standard. The detection of the Appendix I metals discussed above at these concentrations reflects naturally occurring levels within the subsurface materials in this region. No VOC compounds were detected in any of the other monitor wells, surface water samples, or in the field and trip blanks during this sampling event, and no adverse environmental impacts resulting from landfilling operations were identified.

Since this is the first time vinyl chloride has been identified at this facility in MW-8, EP recommends waiting until the next sampling event (April 2014) to verify the presence of vinyl chloride.

Groundwater levels increased in one well and decreased in ten wells since the previous sampling event on April 23, 2013.

The next sampling event for the Highway 55 C&D Landfill site is scheduled for April 2014.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
Highway 55 C&D Landfill
Apex, North Carolina
November 26, 2013

Analytical Method →	6010C	6010C	7470A	6010C	6010C	6010C	6010C	8260B	8260B
Contaminant of Concern → / Sample ID →	Barium	Zinc	Mercury	Arsenic	Copper	Chromium	Lead	Carbon Disulfide	Vinyl Chloride
MW-1	0.89	0.02	**0.0011**	BDL	BDL	BDL	BDL	BDL	BDL
MW-2	0.25	0.043	BDL	BDL	0.012	0.0062	0.011	BDL	BDL
MW-3	0.33	0.021	BDL	BDL	0.0071	BDL	BDL	1.0	BDL
MW-4	0.18	0.055	BDL	BDL	0.039	BDL	BDL	BDL	BDL
MW-5	0.14	0.10	BDL	BDL	0.013	0.0053	BDL	BDL	BDL
MW-6	0.062	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-7	0.18	0.092	BDL	**0.011**	0.035	**0.011**	**0.028**	1.2	BDL
MW-8	0.55	0.028	BDL	**0.021**	0.015	BDL	BDL	BDL	**4.1**
MW-9	0.31	0.057	BDL	**0.010**	0.074	0.0097	BDL	BDL	BDL
MW-10	**1.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-11	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-1	0.069	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-2	0.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-3	0.045	BDL	BDL	BDL	0.0050	BDL	BDL	BDL	BDL
SW-4	0.046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Field Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trip Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2L Standard	**0.7**	**1.0**	**0.001**	**0.01**	**1.0**	**0.01**	**0.015**	**700**	**0.03**

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)
Shaded/Bolded areas represent parameters that exceed their 2L Standards

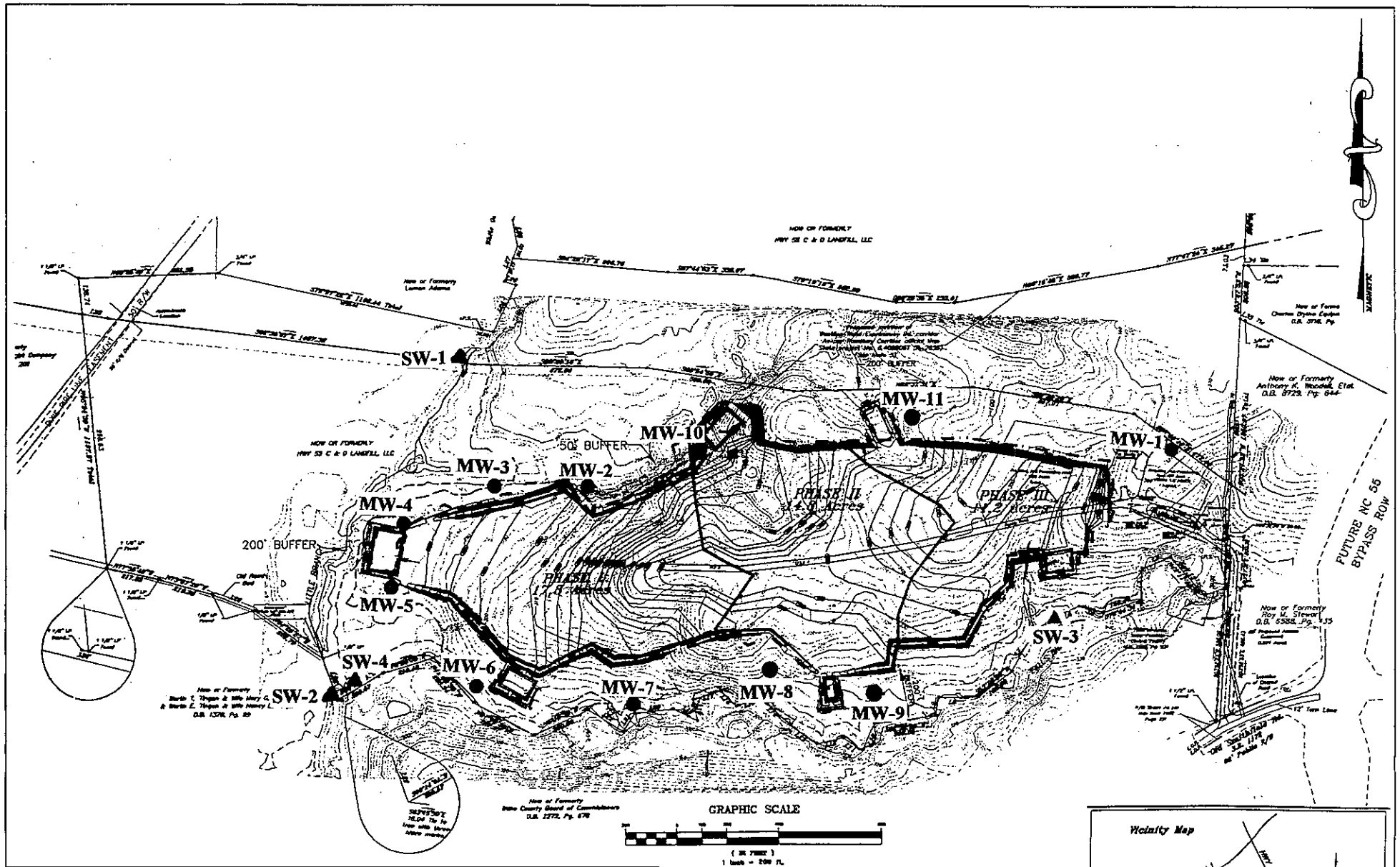

FIGURE 1: SITE LOCATION MAP
Highway 55 C&D Landfill
Wake County, North Carolina

DRAWN BY: THB	ENVIRO-PRO	SCALE: As Shown
PROJ. MGR: THB		PROJ. NO: EP-1306
DATE: 5/25/04	PROFESSIONAL CORPORATION	

APPENDIX A

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

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

Project Name: **Hwy 55 C&D**

Project Number: **EP-1306**

Lot Number: **OK06038**

Date Completed: **11/19/2013**

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: OK06038

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.

Mercury

The MS/MSD recoveries in batch 34064 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Sample Summary
Enviro-Pro, P.C.
Lot Number: OK06038

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	11/04/2013 0900	11/05/2013
002	MW-2	Aqueous	11/04/2013 0930	11/05/2013
003	MW-3	Aqueous	11/04/2013 1000	11/05/2013
004	MW-4	Aqueous	11/04/2013 1030	11/05/2013
005	MW-5	Aqueous	11/04/2013 1100	11/05/2013
006	MW-6	Aqueous	11/04/2013 1130	11/05/2013
007	MW-7	Aqueous	11/04/2013 1200	11/05/2013
008	MW-8	Aqueous	11/04/2013 1230	11/05/2013
009	MW-9	Aqueous	11/04/2013 1300	11/05/2013
010	MW-10	Aqueous	11/04/2013 1330	11/05/2013
011	MW-11	Aqueous	11/04/2013 1400	11/05/2013
012	SW-1	Aqueous	11/04/2013 1415	11/05/2013
013	SW-2	Aqueous	11/04/2013 1430	11/05/2013
014	SW-3	Aqueous	11/04/2013 1445	11/05/2013
015	SW-4	Aqueous	11/04/2013 1500	11/05/2013
016	Trip Blank	Aqueous	11/04/2013	11/05/2013

(16 samples)

Executive Summary
Enviro-Pro, P.C.
Lot Number: OK06038

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Barium	6010C	0.89		mg/L	8
001	MW-1	Aqueous	Zinc	6010C	0.020		mg/L	8
001	MW-1	Aqueous	Mercury	7470A	0.0011		mg/L	9
002	MW-2	Aqueous	Barium	6010C	0.25		mg/L	12
002	MW-2	Aqueous	Chromium	6010C	0.0062		mg/L	12
002	MW-2	Aqueous	Copper	6010C	0.012		mg/L	12
002	MW-2	Aqueous	Lead	6010C	0.011		mg/L	12
002	MW-2	Aqueous	Zinc	6010C	0.043		mg/L	12
003	MW-3	Aqueous	Carbon disulfide	8260B	1.0		ug/L	14
003	MW-3	Aqueous	Barium	6010C	0.33		mg/L	16
003	MW-3	Aqueous	Copper	6010C	0.0071		mg/L	16
003	MW-3	Aqueous	Zinc	6010C	0.021		mg/L	16
004	MW-4	Aqueous	Barium	6010C	0.18		mg/L	20
004	MW-4	Aqueous	Copper	6010C	0.039		mg/L	20
004	MW-4	Aqueous	Zinc	6010C	0.055		mg/L	20
005	MW-5	Aqueous	Barium	6010C	0.14		mg/L	24
005	MW-5	Aqueous	Chromium	6010C	0.0053		mg/L	24
005	MW-5	Aqueous	Copper	6010C	0.013		mg/L	24
005	MW-5	Aqueous	Zinc	6010C	0.10		mg/L	24
006	MW-6	Aqueous	Barium	6010C	0.062		mg/L	28
007	MW-7	Aqueous	Carbon disulfide	8260B	1.2		ug/L	30
007	MW-7	Aqueous	Arsenic	6010C	0.011		mg/L	32
007	MW-7	Aqueous	Barium	6010C	0.18		mg/L	32
007	MW-7	Aqueous	Chromium	6010C	0.011		mg/L	32
007	MW-7	Aqueous	Copper	6010C	0.035		mg/L	32
007	MW-7	Aqueous	Lead	6010C	0.028		mg/L	32
007	MW-7	Aqueous	Zinc	6010C	0.092		mg/L	32
008	MW-8	Aqueous	Vinyl chloride	8260B	4.1		ug/L	35
008	MW-8	Aqueous	Arsenic	6010C	0.021		mg/L	36
008	MW-8	Aqueous	Barium	6010C	0.55		mg/L	36
008	MW-8	Aqueous	Copper	6010C	0.015		mg/L	36
008	MW-8	Aqueous	Zinc	6010C	0.028		mg/L	36
009	MW-9	Aqueous	Arsenic	6010C	0.010		mg/L	40
009	MW-9	Aqueous	Barium	6010C	0.31		mg/L	40
009	MW-9	Aqueous	Chromium	6010C	0.0097		mg/L	40
009	MW-9	Aqueous	Copper	6010C	0.0074		mg/L	40
009	MW-9	Aqueous	Zinc	6010C	0.057		mg/L	40
010	MW-10	Aqueous	Barium	6010C	1.4		mg/L	44
011	MW-11	Aqueous	Barium	6010C	0.12		mg/L	48
012	SW-1	Aqueous	Barium	6010C	0.069		mg/L	52
013	SW-2	Aqueous	Barium	6010C	0.13		mg/L	56
013	SW-2	Aqueous	Copper	6010C	0.0050		mg/L	56
014	SW-3	Aqueous	Barium	6010C	0.045		mg/L	60
015	SW-4	Aqueous	Barium	6010C	0.046		mg/L	64

Executive Summary (Continued)

Lot Number: OK06038

Sample Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(44 detections)

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **11/04/2013 0900**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/15/2013 0449	PMM2		34449

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **11/04/2013 0900**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/15/2013 0449	PMM2		34449

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		108	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		112	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **11/04/2013 0900**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2319	CDF	11/06/2013 1607	33699

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**	**0.89**		**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**	**0.020**		**0.020**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **11/04/2013 0900**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 0046	FCJ	11/11/2013 1930	34043

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.0011**		**0.00010**	**mg/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-2**
Date Sampled: **11/04/2013 0930**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/15/2013 0513	PMM2		34449

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-2**
Date Sampled: **11/04/2013 0930**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/15/2013 0513	PMM2		34449

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		106	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		114	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-2**
Date Sampled: **11/04/2013 0930**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2323	CDF	11/06/2013 1607	33699
2	3005A	6010C	1	11/07/2013 1337	CDF	11/06/2013 1607	33699

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**	**0.25**		**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**	**0.0062**		**0.0050**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.012**		**0.0050**	**mg/L**	**1**
Lead	**7439-92-1**	**6010C**	**0.011**		**0.010**	**mg/L**	**2**
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**	**0.043**		**0.020**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-2**
Date Sampled: **11/04/2013 0930**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 0049	FCJ	11/11/2013 1930	34043

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-3**
Date Sampled: **11/04/2013 1000**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1251	JHD		34548

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**	**1.0**		**1.0**	**ug/L**	**1**
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-3**
Date Sampled: **11/04/2013 1000**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1251	JHD		34548

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		91	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		96	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-3**
Date Sampled: **11/04/2013 1000**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2326	CDF	11/06/2013 1607	33699
2	3005A	6010C	1	11/07/2013 1341	CDF	11/06/2013 1607	33699

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	2
Barium	**7440-39-3**	**6010C**	**0.33**		**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**	**0.0071**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	2
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**	**0.021**		**0.020**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-3**
Date Sampled: **11/04/2013 1000**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1236	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **11/04/2013 1030**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1314	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **11/04/2013 1030**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1314	JHD		34548

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		99	70-130
Bromofluorobenzene		111	70-130
Toluene-d8		100	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **11/04/2013 1030**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2338	CDF	11/06/2013 1607	33699
2	3005A	6010C	1	11/07/2013 1344	CDF	11/06/2013 1607	33699

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	mg/L	2
Arsenic	7440-38-2	6010C	ND		0.010	mg/L	2
Barium	**7440-39-3**	**6010C**	**0.18**		**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	2
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	2
Copper	**7440-50-8**	**6010C**	**0.039**		**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	2
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**	**0.055**		**0.020**	**mg/L**	**2**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **11/04/2013 1030**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1239	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **11/04/2013 1100**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1337	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **11/04/2013 1100**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1337	JHD		34548

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		112	70-130
Toluene-d8		102	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **11/04/2013 1100**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2341	CDF	11/06/2013 1607	33699
2	3005A	6010C	1	11/07/2013 1348	CDF	11/06/2013 1607	33699

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**	**0.14**		**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**	**0.0053**		**0.0050**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.013**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	2
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**	**0.10**		**0.020**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **11/04/2013 1100**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1241	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **11/04/2013 1130**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1917	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **11/04/2013 1130**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1917	JHD		34548

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		111	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		100	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **11/04/2013 1130**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2345	CDF	11/06/2013 1607	33699

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

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **11/04/2013 1130**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1244	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-7**
Date Sampled: **11/04/2013 1200**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1359	JHD		34548

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**	**1.2**		**1.0**	**ug/L**	**1**
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-7**
Date Sampled: **11/04/2013 1200**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1359	JHD		34548

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		97	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-7**
Date Sampled: **11/04/2013 1200**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2349	CDF	11/06/2013 1607	33699
2	3005A	6010C	1	11/07/2013 1352	CDF	11/06/2013 1607	33699

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**	**0.011**		**0.010**	**mg/L**	**2**
Barium	**7440-39-3**	**6010C**	**0.18**		**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**	**0.011**		**0.0050**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.035**		**0.0050**	**mg/L**	**1**
Lead	**7439-92-1**	**6010C**	**0.028**		**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**	**0.092**		**0.020**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-7**
Date Sampled: **11/04/2013 1200**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1246	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-8**
Date Sampled: **11/04/2013 1230**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1422	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-8**
Date Sampled: **11/04/2013 1230**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1422	JHD		34548

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**	**4.1**		**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		90	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		92	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-8**
Date Sampled: **11/04/2013 1230**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2352	CDF	11/06/2013 1607	33699
2	3005A	6010C	1	11/07/2013 1355	CDF	11/06/2013 1607	33699

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**	**0.021**		**0.010**	**mg/L**	**1**
Barium	**7440-39-3**	**6010C**	**0.55**		**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**	**0.015**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	2
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**	**0.028**		**0.020**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-8**
Date Sampled: **11/04/2013 1230**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1249	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-9**
Date Sampled: **11/04/2013 1300**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1444	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-9**
Date Sampled: **11/04/2013 1300**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1444	JHD		34548

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		104	70-130
Bromofluorobenzene		112	70-130
Toluene-d8		103	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-9**
Date Sampled: **11/04/2013 1300**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/06/2013 2356	CDF	11/06/2013 1607	33699

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**	**0.010**		**0.010**	**mg/L**	**1**
Barium	**7440-39-3**	**6010C**	**0.31**		**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**	**0.0097**		**0.0050**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.0074**		**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**	**0.057**		**0.020**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-9**
Date Sampled: **11/04/2013 1300**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1252	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **11/04/2013 1330**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1507	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **11/04/2013 1330**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1507	JHD		34548

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		104	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		101	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **11/04/2013 1330**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/07/2013 0000	CDF	11/06/2013 1607	33699

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**	**1.4**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **11/04/2013 1330**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1259	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **11/04/2013 1400**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	5	11/16/2013 1529	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OK06038-011**
Description: **MW-11**
Matrix: **Aqueous**
Date Sampled: **11/04/2013 1400**
Date Received: **11/05/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	5	11/16/2013 1529	JHD		34548

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	ug/L	2
Vinyl acetate	108-05-4	8260B	ND		25	ug/L	2
Vinyl chloride	75-01-4	8260B	ND		5.0	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		113	70-130
Toluene-d8		96	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **11/04/2013 1400**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/07/2013 0022	CDF	11/06/2013 1607	33700

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	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **11/04/2013 1400**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1311	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **11/04/2013 1415**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1552	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **11/04/2013 1415**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1552	JHD		34548

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		97	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **11/04/2013 1415**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/07/2013 0038	CDF	11/06/2013 1607	33700

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**	**0.069**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **11/04/2013 1415**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1315	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **11/04/2013 1430**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1614	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **11/04/2013 1430**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1614	JHD		34548

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		101	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		98	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **11/04/2013 1430**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/07/2013 0045	CDF	11/06/2013 1607	33700

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**	**0.13**		**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**	**0.0050**		**0.0050**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **11/04/2013 1430**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1319	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-3**
Date Sampled: **11/04/2013 1445**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1637	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-3**
Date Sampled: **11/04/2013 1445**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1637	JHD		34548

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		101	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		93	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **SW-3**
Date Sampled: **11/04/2013 1445**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/07/2013 0056	CDF	11/06/2013 1607	33700

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**	**0.045**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **SW-3**
Date Sampled: **11/04/2013 1445**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1321	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-4**
Date Sampled: **11/04/2013 1500**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-015**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1701	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-4**
Date Sampled: **11/04/2013 1500**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-015**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1701	JHD		34548

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		94	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		93	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **SW-4**
Date Sampled: **11/04/2013 1500**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-015**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	11/07/2013 0100	CDF	11/06/2013 1607	33700
2	3005A	6010C	1	11/07/2013 1407	CDF	11/06/2013 1607	33700

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	2
Barium	**7440-39-3**	**6010C**	**0.046**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **SW-4**
Date Sampled: **11/04/2013 1500**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-015**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	11/12/2013 1323	FCJ	11/12/2013 0942	34064

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **Trip Blank**
Date Sampled: **11/04/2013**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-016**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1723	JHD		34548

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **Trip Blank**
Date Sampled: **11/04/2013**
Date Received: **11/05/2013**

Laboratory ID: **OK06038-016**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/16/2013 1723	JHD		34548

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		94	70-130

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

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ34449-001
Batch: 34449
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	11/15/2013 0024
Acrylonitrile	ND		1	20	ug/L	11/15/2013 0024
Benzene	ND		1	1.0	ug/L	11/15/2013 0024
Bromochloromethane	ND		1	1.0	ug/L	11/15/2013 0024
Bromodichloromethane	ND		1	1.0	ug/L	11/15/2013 0024
Bromoform	ND		1	1.0	ug/L	11/15/2013 0024
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	11/15/2013 0024
2-Butanone (MEK)	ND		1	10	ug/L	11/15/2013 0024
Carbon disulfide	ND		1	1.0	ug/L	11/15/2013 0024
Carbon tetrachloride	ND		1	1.0	ug/L	11/15/2013 0024
Chlorobenzene	ND		1	1.0	ug/L	11/15/2013 0024
Chloroethane	ND		1	2.0	ug/L	11/15/2013 0024
Chloroform	ND		1	1.0	ug/L	11/15/2013 0024
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	11/15/2013 0024
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	11/15/2013 0024
Dibromochloromethane	ND		1	1.0	ug/L	11/15/2013 0024
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	11/15/2013 0024
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	11/15/2013 0024
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	11/15/2013 0024
1,4-Dichlorobenzene	ND		1	1.0	ug/L	11/15/2013 0024
1,2-Dichlorobenzene	ND		1	1.0	ug/L	11/15/2013 0024
1,1-Dichloroethane	ND		1	1.0	ug/L	11/15/2013 0024
1,2-Dichloroethane	ND		1	1.0	ug/L	11/15/2013 0024
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	11/15/2013 0024
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	11/15/2013 0024
1,1-Dichloroethene	ND		1	1.0	ug/L	11/15/2013 0024
1,2-Dichloropropane	ND		1	1.0	ug/L	11/15/2013 0024
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	11/15/2013 0024
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	11/15/2013 0024
Ethylbenzene	ND		1	1.0	ug/L	11/15/2013 0024
2-Hexanone	ND		1	10	ug/L	11/15/2013 0024
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	11/15/2013 0024
4-Methyl-2-pentanone	ND		1	10	ug/L	11/15/2013 0024
Methylene chloride	ND		1	1.0	ug/L	11/15/2013 0024
Styrene	ND		1	1.0	ug/L	11/15/2013 0024
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	11/15/2013 0024
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	11/15/2013 0024
Tetrachloroethene	ND		1	1.0	ug/L	11/15/2013 0024
Tetrahydrofuran	ND		1	5.0	ug/L	11/15/2013 0024
Toluene	ND		1	1.0	ug/L	11/15/2013 0024
1,1,1-Trichloroethane	ND		1	1.0	ug/L	11/15/2013 0024
1,1,2-Trichloroethane	ND		1	1.0	ug/L	11/15/2013 0024
Trichloroethene	ND		1	1.0	ug/L	11/15/2013 0024
Trichlorofluoromethane	ND		1	1.0	ug/L	11/15/2013 0024

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: OQ34449-001
Batch: 34449
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	11/15/2013 0024
Vinyl acetate	ND		1	5.0	ug/L	11/15/2013 0024
Vinyl chloride	ND		1	1.0	ug/L	11/15/2013 0024
Xylenes (total)	ND		1	1.0	ug/L	11/15/2013 0024

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	70-130
1,2-Dichloroethane-d4		106	70-130
Toluene-d8		109	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: OQ34449-002
Batch: 34449
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	84		1	84	60-140	11/14/2013 2252
Acrylonitrile	100	90		1	90	70-130	11/14/2013 2252
Benzene	50	46		1	92	70-130	11/14/2013 2252
Bromochloromethane	50	45		1	91	70-130	11/14/2013 2252
Bromodichloromethane	50	45		1	90	70-130	11/14/2013 2252
Bromoform	50	45		1	91	70-130	11/14/2013 2252
Bromomethane (Methyl bromide)	50	47		1	94	60-140	11/14/2013 2252
2-Butanone (MEK)	100	90		1	90	60-140	11/14/2013 2252
Carbon disulfide	50	40		1	80	60-140	11/14/2013 2252
Carbon tetrachloride	50	46		1	92	70-130	11/14/2013 2252
Chlorobenzene	50	46		1	91	70-130	11/14/2013 2252
Chloroethane	50	46		1	93	42-163	11/14/2013 2252
Chloroform	50	44		1	87	70-130	11/14/2013 2252
Chloromethane (Methyl chloride)	50	42		1	84	60-140	11/14/2013 2252
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	96	70-130	11/14/2013 2252
Dibromochloromethane	50	43		1	87	70-130	11/14/2013 2252
1,2-Dibromoethane (EDB)	50	51		1	102	70-130	11/14/2013 2252
Dibromomethane (Methylene bromide)	50	48		1	95	70-130	11/14/2013 2252
trans-1,4-Dichloro-2-butene	50	50		1	101	34-142	11/14/2013 2252
1,4-Dichlorobenzene	50	47		1	94	70-130	11/14/2013 2252
1,2-Dichlorobenzene	50	48		1	95	70-130	11/14/2013 2252
1,1-Dichloroethane	50	43		1	85	70-130	11/14/2013 2252
1,2-Dichloroethane	50	45		1	90	70-130	11/14/2013 2252
cis-1,2-Dichloroethene	50	45		1	90	70-130	11/14/2013 2252
trans-1,2-Dichloroethene	50	41		1	83	70-130	11/14/2013 2252
1,1-Dichloroethene	50	43		1	87	70-130	11/14/2013 2252
1,2-Dichloropropane	50	48		1	95	70-130	11/14/2013 2252
cis-1,3-Dichloropropene	50	45		1	90	70-130	11/14/2013 2252
trans-1,3-Dichloropropene	50	46		1	92	70-130	11/14/2013 2252
Ethylbenzene	50	48		1	96	70-130	11/14/2013 2252
2-Hexanone	100	96		1	96	60-140	11/14/2013 2252
Methyl iodide (Iodomethane)	50	42		1	83	70-130	11/14/2013 2252
4-Methyl-2-pentanone	100	96		1	96	60-140	11/14/2013 2252
Methylene chloride	50	43		1	86	70-130	11/14/2013 2252
Styrene	50	45		1	90	70-130	11/14/2013 2252
1,1,2,2-Tetrachloroethane	50	50		1	100	60-140	11/14/2013 2252
1,1,1,2-Tetrachloroethane	50	48		1	96	70-130	11/14/2013 2252
Tetrachloroethene	50	49		1	98	70-130	11/14/2013 2252
Tetrahydrofuran	50	46		1	92	70-130	11/14/2013 2252
Toluene	50	43		1	87	70-130	11/14/2013 2252
1,1,1-Trichloroethane	50	44		1	88	70-130	11/14/2013 2252
1,1,2-Trichloroethane	50	47		1	95	70-130	11/14/2013 2252
Trichloroethene	50	48		1	95	70-130	11/14/2013 2252
Trichlorofluoromethane	50	45		1	90	70-130	11/14/2013 2252

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: OQ34449-002
Batch: 34449
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	50		1	100	70-130	11/14/2013 2252
Vinyl acetate	50	43		1	87	60-140	11/14/2013 2252
Vinyl chloride	50	46		1	91	70-130	11/14/2013 2252
Xylenes (total)	100	91		1	91	70-130	11/14/2013 2252

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	70-130
1,2-Dichloroethane-d4		100	70-130
Toluene-d8		108	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: OQ34449-003
Batch: 34449
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	68	+	1	68	22	60-140	20	11/14/2013 2315
Acrylonitrile	100	94		1	94	3.6	70-130	20	11/14/2013 2315
Benzene	50	48		1	96	5.0	70-130	20	11/14/2013 2315
Bromochloromethane	50	49		1	98	7.6	70-130	20	11/14/2013 2315
Bromodichloromethane	50	46		1	92	2.4	70-130	20	11/14/2013 2315
Bromoform	50	48		1	96	6.1	70-130	20	11/14/2013 2315
Bromomethane (Methyl bromide)	50	49		1	98	4.0	60-140	20	11/14/2013 2315
2-Butanone (MEK)	100	92		1	92	1.2	60-140	20	11/14/2013 2315
Carbon disulfide	50	43		1	87	8.2	60-140	20	11/14/2013 2315
Carbon tetrachloride	50	49		1	98	5.4	70-130	20	11/14/2013 2315
Chlorobenzene	50	49		1	99	8.3	70-130	20	11/14/2013 2315
Chloroethane	50	50		1	99	6.6	42-163	20	11/14/2013 2315
Chloroform	50	47		1	94	7.7	70-130	20	11/14/2013 2315
Chloromethane (Methyl chloride)	50	47		1	93	10	60-140	20	11/14/2013 2315
1,2-Dibromo-3-chloropropane (DBCP)	50	49		1	99	2.3	70-130	20	11/14/2013 2315
Dibromochloromethane	50	46		1	92	5.6	70-130	20	11/14/2013 2315
1,2-Dibromoethane (EDB)	50	53		1	106	4.4	70-130	20	11/14/2013 2315
Dibromomethane (Methylene bromide)	50	49		1	97	1.8	70-130	20	11/14/2013 2315
trans-1,4-Dichloro-2-butene	50	50		1	99	1.7	34-142	20	11/14/2013 2315
1,4-Dichlorobenzene	50	50		1	100	6.0	70-130	20	11/14/2013 2315
1,2-Dichlorobenzene	50	52		1	103	7.9	70-130	20	11/14/2013 2315
1,1-Dichloroethane	50	46		1	92	7.1	70-130	20	11/14/2013 2315
1,2-Dichloroethane	50	47		1	95	5.2	70-130	20	11/14/2013 2315
cis-1,2-Dichloroethene	50	47		1	95	5.3	70-130	20	11/14/2013 2315
trans-1,2-Dichloroethene	50	45		1	90	8.1	70-130	20	11/14/2013 2315
1,1-Dichloroethene	50	47		1	94	8.5	70-130	20	11/14/2013 2315
1,2-Dichloropropane	50	49		1	99	3.9	70-130	20	11/14/2013 2315
cis-1,3-Dichloropropene	50	46		1	92	2.7	70-130	20	11/14/2013 2315
trans-1,3-Dichloropropene	50	48		1	97	4.4	70-130	20	11/14/2013 2315
Ethylbenzene	50	49		1	99	3.6	70-130	20	11/14/2013 2315
2-Hexanone	100	95		1	95	0.41	60-140	20	11/14/2013 2315
Methyl iodide (Iodomethane)	50	45		1	91	8.5	70-130	20	11/14/2013 2315
4-Methyl-2-pentanone	100	91		1	91	5.4	60-140	20	11/14/2013 2315
Methylene chloride	50	47		1	94	9.3	70-130	20	11/14/2013 2315
Styrene	50	47		1	94	3.7	70-130	20	11/14/2013 2315
1,1,2,2-Tetrachloroethane	50	52		1	104	3.6	60-140	20	11/14/2013 2315
1,1,1,2-Tetrachloroethane	50	53		1	105	8.9	70-130	20	11/14/2013 2315
Tetrachloroethene	50	51		1	101	3.8	70-130	20	11/14/2013 2315
Tetrahydrofuran	50	45		1	89	3.1	70-130	20	11/14/2013 2315
Toluene	50	44		1	88	1.4	70-130	20	11/14/2013 2315
1,1,1-Trichloroethane	50	48		1	96	8.7	70-130	20	11/14/2013 2315
1,1,2-Trichloroethane	50	50		1	100	5.8	70-130	20	11/14/2013 2315
Trichloroethene	50	50		1	101	5.7	70-130	20	11/14/2013 2315
Trichlorofluoromethane	50	49		1	98	8.3	70-130	20	11/14/2013 2315

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: OQ34449-003
Batch: 34449
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	51		1	103	2.4	70-130	20	11/14/2013 2315
Vinyl acetate	50	45		1	90	3.9	60-140	20	11/14/2013 2315
Vinyl chloride	50	49		1	97	6.1	70-130	20	11/14/2013 2315
Xylenes (total)	100	94		1	94	3.9	70-130	20	11/14/2013 2315

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		109	70-130
1,2-Dichloroethane-d4		103	70-130
Toluene-d8		112	70-130

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

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ34548-001
Batch: 34548
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	11/16/2013 1206
Acrylonitrile	ND		1	20	ug/L	11/16/2013 1206
Benzene	ND		1	1.0	ug/L	11/16/2013 1206
Bromochloromethane	ND		1	1.0	ug/L	11/16/2013 1206
Bromodichloromethane	ND		1	1.0	ug/L	11/16/2013 1206
Bromoform	ND		1	1.0	ug/L	11/16/2013 1206
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	11/16/2013 1206
2-Butanone (MEK)	ND		1	10	ug/L	11/16/2013 1206
Carbon disulfide	ND		1	1.0	ug/L	11/16/2013 1206
Carbon tetrachloride	ND		1	1.0	ug/L	11/16/2013 1206
Chlorobenzene	ND		1	1.0	ug/L	11/16/2013 1206
Chloroethane	ND		1	2.0	ug/L	11/16/2013 1206
Chloroform	ND		1	1.0	ug/L	11/16/2013 1206
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	11/16/2013 1206
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	11/16/2013 1206
Dibromochloromethane	ND		1	1.0	ug/L	11/16/2013 1206
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	11/16/2013 1206
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	11/16/2013 1206
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	11/16/2013 1206
1,2-Dichlorobenzene	ND		1	1.0	ug/L	11/16/2013 1206
1,4-Dichlorobenzene	ND		1	1.0	ug/L	11/16/2013 1206
1,2-Dichloroethane	ND		1	1.0	ug/L	11/16/2013 1206
1,1-Dichloroethane	ND		1	1.0	ug/L	11/16/2013 1206
1,1-Dichloroethene	ND		1	1.0	ug/L	11/16/2013 1206
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	11/16/2013 1206
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	11/16/2013 1206
1,2-Dichloropropane	ND		1	1.0	ug/L	11/16/2013 1206
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	11/16/2013 1206
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	11/16/2013 1206
Ethylbenzene	ND		1	1.0	ug/L	11/16/2013 1206
2-Hexanone	ND		1	10	ug/L	11/16/2013 1206
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	11/16/2013 1206
4-Methyl-2-pentanone	ND		1	10	ug/L	11/16/2013 1206
Methylene chloride	ND		1	1.0	ug/L	11/16/2013 1206
Styrene	ND		1	1.0	ug/L	11/16/2013 1206
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	11/16/2013 1206
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	11/16/2013 1206
Tetrachloroethene	ND		1	1.0	ug/L	11/16/2013 1206
Tetrahydrofuran	ND		1	5.0	ug/L	11/16/2013 1206
Toluene	ND		1	1.0	ug/L	11/16/2013 1206
1,1,1-Trichloroethane	ND		1	1.0	ug/L	11/16/2013 1206
1,1,2-Trichloroethane	ND		1	1.0	ug/L	11/16/2013 1206
Trichloroethene	ND		1	1.0	ug/L	11/16/2013 1206
Trichlorofluoromethane	ND		1	1.0	ug/L	11/16/2013 1206

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: OQ34548-001
Batch: 34548
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	11/16/2013 1206
Vinyl acetate	ND		1	5.0	ug/L	11/16/2013 1206
Vinyl chloride	ND		1	1.0	ug/L	11/16/2013 1206
Xylenes (total)	ND		1	1.0	ug/L	11/16/2013 1206

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		106	70-130
1,2-Dichloroethane-d4		96	70-130
Toluene-d8		99	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: OQ34548-002
Batch: 34548
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	130		1	129	60-140	11/16/2013 1036
Acrylonitrile	100	110		1	112	70-130	11/16/2013 1036
Benzene	50	47		1	94	70-130	11/16/2013 1036
Bromochloromethane	50	47		1	94	70-130	11/16/2013 1036
Bromodichloromethane	50	49		1	98	70-130	11/16/2013 1036
Bromoform	50	51		1	103	70-130	11/16/2013 1036
Bromomethane (Methyl bromide)	50	50		1	100	60-140	11/16/2013 1036
2-Butanone (MEK)	100	110		1	112	60-140	11/16/2013 1036
Carbon disulfide	50	49		1	99	60-140	11/16/2013 1036
Carbon tetrachloride	50	49		1	98	70-130	11/16/2013 1036
Chlorobenzene	50	49		1	98	70-130	11/16/2013 1036
Chloroethane	50	47		1	94	42-163	11/16/2013 1036
Chloroform	50	48		1	96	70-130	11/16/2013 1036
Chloromethane (Methyl chloride)	50	48		1	96	60-140	11/16/2013 1036
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	100	70-130	11/16/2013 1036
Dibromochloromethane	50	51		1	102	70-130	11/16/2013 1036
1,2-Dibromoethane (EDB)	50	48		1	97	70-130	11/16/2013 1036
Dibromomethane (Methylene bromide)	50	46		1	92	70-130	11/16/2013 1036
trans-1,4-Dichloro-2-butene	50	48		1	97	34-142	11/16/2013 1036
1,2-Dichlorobenzene	50	50		1	100	70-130	11/16/2013 1036
1,4-Dichlorobenzene	50	48		1	95	70-130	11/16/2013 1036
1,2-Dichloroethane	50	46		1	93	70-130	11/16/2013 1036
1,1-Dichloroethane	50	46		1	92	70-130	11/16/2013 1036
1,1-Dichloroethene	50	47		1	94	70-130	11/16/2013 1036
cis-1,2-Dichloroethene	50	47		1	95	70-130	11/16/2013 1036
trans-1,2-Dichloroethene	50	46		1	92	70-130	11/16/2013 1036
1,2-Dichloropropane	50	47		1	94	70-130	11/16/2013 1036
cis-1,3-Dichloropropene	50	48		1	97	70-130	11/16/2013 1036
trans-1,3-Dichloropropene	50	50		1	101	70-130	11/16/2013 1036
Ethylbenzene	50	50		1	99	70-130	11/16/2013 1036
2-Hexanone	100	92		1	92	60-140	11/16/2013 1036
Methyl iodide (Iodomethane)	50	47		1	93	70-130	11/16/2013 1036
4-Methyl-2-pentanone	100	100		1	100	60-140	11/16/2013 1036
Methylene chloride	50	47		1	95	70-130	11/16/2013 1036
Styrene	50	50		1	100	70-130	11/16/2013 1036
1,1,1,2-Tetrachloroethane	50	51		1	101	70-130	11/16/2013 1036
1,1,2,2-Tetrachloroethane	50	51		1	102	60-140	11/16/2013 1036
Tetrachloroethene	50	50		1	100	70-130	11/16/2013 1036
Tetrahydrofuran	50	55		1	111	70-130	11/16/2013 1036
Toluene	50	48		1	96	70-130	11/16/2013 1036
1,1,1-Trichloroethane	50	47		1	94	70-130	11/16/2013 1036
1,1,2-Trichloroethane	50	50		1	99	70-130	11/16/2013 1036
Trichloroethene	50	47		1	93	70-130	11/16/2013 1036
Trichlorofluoromethane	50	49		1	99	70-130	11/16/2013 1036

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: OQ34548-002
Batch: 34548
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	50		1	99	70-130	11/16/2013 1036
Vinyl acetate	50	50		1	100	60-140	11/16/2013 1036
Vinyl chloride	50	55		1	109	70-130	11/16/2013 1036
Xylenes (total)	100	100		1	100	70-130	11/16/2013 1036

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		102	70-130
1,2-Dichloroethane-d4		90	70-130
Toluene-d8		96	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: OQ34548-003
Batch: 34548
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	105	20	60-140	20	11/16/2013 1058
Acrylonitrile	100	110		1	107	4.2	70-130	20	11/16/2013 1058
Benzene	50	47		1	95	1.0	70-130	20	11/16/2013 1058
Bromochloromethane	50	46		1	92	2.3	70-130	20	11/16/2013 1058
Bromodichloromethane	50	50		1	99	1.3	70-130	20	11/16/2013 1058
Bromoform	50	51		1	103	0.26	70-130	20	11/16/2013 1058
Bromomethane (Methyl bromide)	50	50		1	99	0.33	60-140	20	11/16/2013 1058
2-Butanone (MEK)	100	110		1	110	1.7	60-140	20	11/16/2013 1058
Carbon disulfide	50	48		1	96	2.2	60-140	20	11/16/2013 1058
Carbon tetrachloride	50	48		1	97	1.0	70-130	20	11/16/2013 1058
Chlorobenzene	50	49		1	98	0.11	70-130	20	11/16/2013 1058
Chloroethane	50	49		1	98	4.2	42-163	20	11/16/2013 1058
Chloroform	50	47		1	95	0.70	70-130	20	11/16/2013 1058
Chloromethane (Methyl chloride)	50	47		1	95	1.2	60-140	20	11/16/2013 1058
1,2-Dibromo-3-chloropropane (DBCP)	50	49		1	97	3.4	70-130	20	11/16/2013 1058
Dibromochloromethane	50	52		1	104	1.5	70-130	20	11/16/2013 1058
1,2-Dibromoethane (EDB)	50	51		1	102	5.5	70-130	20	11/16/2013 1058
Dibromomethane (Methylene bromide)	50	47		1	94	2.1	70-130	20	11/16/2013 1058
trans-1,4-Dichloro-2-butene	50	51		1	102	4.9	34-142	20	11/16/2013 1058
1,2-Dichlorobenzene	50	51		1	103	2.4	70-130	20	11/16/2013 1058
1,4-Dichlorobenzene	50	48		1	97	1.8	70-130	20	11/16/2013 1058
1,2-Dichloroethane	50	46		1	92	0.46	70-130	20	11/16/2013 1058
1,1-Dichloroethane	50	46		1	92	0.26	70-130	20	11/16/2013 1058
1,1-Dichloroethene	50	46		1	92	2.0	70-130	20	11/16/2013 1058
cis-1,2-Dichloroethene	50	48		1	96	1.3	70-130	20	11/16/2013 1058
trans-1,2-Dichloroethene	50	46		1	91	0.61	70-130	20	11/16/2013 1058
1,2-Dichloropropane	50	47		1	94	0.27	70-130	20	11/16/2013 1058
cis-1,3-Dichloropropene	50	49		1	98	0.71	70-130	20	11/16/2013 1058
trans-1,3-Dichloropropene	50	51		1	101	0.49	70-130	20	11/16/2013 1058
Ethylbenzene	50	49		1	98	0.52	70-130	20	11/16/2013 1058
2-Hexanone	100	93		1	93	1.3	60-140	20	11/16/2013 1058
Methyl iodide (Iodomethane)	50	47		1	93	0.29	70-130	20	11/16/2013 1058
4-Methyl-2-pentanone	100	100		1	100	0.17	60-140	20	11/16/2013 1058
Methylene chloride	50	48		1	95	0.67	70-130	20	11/16/2013 1058
Styrene	50	50		1	99	0.53	70-130	20	11/16/2013 1058
1,1,1,2-Tetrachloroethane	50	50		1	101	0.41	70-130	20	11/16/2013 1058
1,1,2,2-Tetrachloroethane	50	51		1	103	0.73	60-140	20	11/16/2013 1058
Tetrachloroethene	50	52		1	103	3.0	70-130	20	11/16/2013 1058
Tetrahydrofuran	50	52		1	104	6.9	70-130	20	11/16/2013 1058
Toluene	50	48		1	96	0.35	70-130	20	11/16/2013 1058
1,1,1-Trichloroethane	50	46		1	93	1.6	70-130	20	11/16/2013 1058
1,1,2-Trichloroethane	50	51		1	101	1.6	70-130	20	11/16/2013 1058
Trichloroethene	50	47		1	93	0.16	70-130	20	11/16/2013 1058
Trichlorofluoromethane	50	50		1	100	1.4	70-130	20	11/16/2013 1058

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: OQ34548-003
Batch: 34548
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	52		1	103	3.7	70-130	20	11/16/2013 1058
Vinyl acetate	50	51		1	101	1.4	60-140	20	11/16/2013 1058
Vinyl chloride	50	54		1	107	1.9	70-130	20	11/16/2013 1058
Xylenes (total)	100	100		1	100	0.11	70-130	20	11/16/2013 1058

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		106	70-130
1,2-Dichloroethane-d4		95	70-130
Toluene-d8		97	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: OK06038-011MS
Batch: 34548
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	500	610		5	122	60-140	11/16/2013 1940
Acrylonitrile	ND	500	590		5	118	70-122	11/16/2013 1940
Benzene	ND	250	270		5	110	72-127	11/16/2013 1940
Bromochloromethane	ND	250	260		5	104	70-130	11/16/2013 1940
Bromodichloromethane	ND	250	280		5	112	71-143	11/16/2013 1940
Bromoform	ND	250	230		5	91	65-131	11/16/2013 1940
Bromomethane (Methyl bromide)	ND	250	270		5	107	36-168	11/16/2013 1940
2-Butanone (MEK)	ND	500	550		5	110	60-140	11/16/2013 1940
Carbon disulfide	ND	250	250		5	102	60-140	11/16/2013 1940
Carbon tetrachloride	ND	250	300		5	121	37-166	11/16/2013 1940
Chlorobenzene	ND	250	290		5	115	78-129	11/16/2013 1940
Chloroethane	ND	250	280		5	111	60-140	11/16/2013 1940
Chloroform	ND	250	280		5	113	63-123	11/16/2013 1940
Chloromethane (Methyl chloride)	ND	250	320		5	126	20-158	11/16/2013 1940
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	280		5	111	70-130	11/16/2013 1940
Dibromochloromethane	ND	250	270		5	108	74-134	11/16/2013 1940
1,2-Dibromoethane (EDB)	ND	250	280		5	113	70-130	11/16/2013 1940
Dibromomethane (Methylene bromide)	ND	250	270		5	107	70-130	11/16/2013 1940
trans-1,4-Dichloro-2-butene	ND	250	160		5	64	34-142	11/16/2013 1940
1,2-Dichlorobenzene	ND	250	280		5	114	70-130	11/16/2013 1940
1,4-Dichlorobenzene	ND	250	270		5	110	70-130	11/16/2013 1940
1,1-Dichloroethane	ND	250	280		5	111	69-132	11/16/2013 1940
1,2-Dichloroethane	ND	250	300		5	118	59-143	11/16/2013 1940
1,1-Dichloroethene	ND	250	280		5	111	50-132	11/16/2013 1940
cis-1,2-Dichloroethene	ND	250	270		5	109	70-130	11/16/2013 1940
trans-1,2-Dichloroethene	ND	250	270		5	106	67-141	11/16/2013 1940
1,2-Dichloropropane	ND	250	280		5	111	71-126	11/16/2013 1940
cis-1,3-Dichloropropene	ND	250	260		5	105	69-130	11/16/2013 1940
trans-1,3-Dichloropropene	ND	250	270		5	108	73-131	11/16/2013 1940
Ethylbenzene	ND	250	300		5	118	79-132	11/16/2013 1940
2-Hexanone	ND	500	600		5	119	60-140	11/16/2013 1940
Methyl iodide (Iodomethane)	ND	250	270		5	107	70-130	11/16/2013 1940
4-Methyl-2-pentanone	ND	500	630		5	125	60-140	11/16/2013 1940
Methylene chloride	ND	250	260		5	105	69-129	11/16/2013 1940
Styrene	ND	250	290		5	115	70-130	11/16/2013 1940
1,1,1,2-Tetrachloroethane	ND	250	290		5	118	70-130	11/16/2013 1940
1,1,2,2-Tetrachloroethane	ND	250	290		5	115	60-155	11/16/2013 1940
Tetrachloroethene	ND	250	300		5	119	70-130	11/16/2013 1940
Tetrahydrofuran	ND	250	290		5	117	70-130	11/16/2013 1940
Toluene	ND	250	280		5	112	75-125	11/16/2013 1940
1,1,1-Trichloroethane	ND	250	300		5	119	77-132	11/16/2013 1940
1,1,2-Trichloroethane	ND	250	290		5	114	77-132	11/16/2013 1940
Trichloroethene	ND	250	280		5	110	73-124	11/16/2013 1940
Trichlorofluoromethane	ND	250	310		5	123	41-173	11/16/2013 1940

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: OK06038-011MS
Batch: 34548
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	250	290		5	114	70-130	11/16/2013 1940
Vinyl acetate	ND	250	270		5	108	60-140	11/16/2013 1940
Vinyl chloride	ND	250	320		5	127	29-159	11/16/2013 1940
Xylenes (total)	ND	500	590		5	117	70-130	11/16/2013 1940

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		114	70-130
Toluene-d8		101	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 - MSD

Sample ID: OK06038-011MD
Batch: 34548
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	ND	500	550		5	110	11	60-140	20	11/16/2013 2003
Acrylonitrile	ND	500	550		5	110	7.1	70-122	20	11/16/2013 2003
Benzene	ND	250	280		5	110	0.39	72-127	20	11/16/2013 2003
Bromochloromethane	ND	250	250		5	101	2.4	70-130	20	11/16/2013 2003
Bromodichloromethane	ND	250	290		5	115	3.1	71-143	20	11/16/2013 2003
Bromoform	ND	250	230		5	91	0.57	65-131	20	11/16/2013 2003
Bromomethane (Methyl bromide)	ND	250	260		5	103	3.4	36-168	20	11/16/2013 2003
2-Butanone (MEK)	ND	500	550		5	110	0.43	60-140	20	11/16/2013 2003
Carbon disulfide	ND	250	250		5	100	2.1	60-140	20	11/16/2013 2003
Carbon tetrachloride	ND	250	290		5	117	4.1	37-166	20	11/16/2013 2003
Chlorobenzene	ND	250	280		5	112	3.4	78-129	20	11/16/2013 2003
Chloroethane	ND	250	270		5	110	1.6	60-140	20	11/16/2013 2003
Chloroform	ND	250	270		5	108	4.2	63-123	20	11/16/2013 2003
Chloromethane (Methyl chloride)	ND	250	300		5	119	5.6	20-158	20	11/16/2013 2003
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	290		5	116	3.6	70-130	20	11/16/2013 2003
Dibromochloromethane	ND	250	270		5	108	0.25	74-134	20	11/16/2013 2003
1,2-Dibromoethane (EDB)	ND	250	270		5	109	3.4	70-130	20	11/16/2013 2003
Dibromomethane (Methylene bromide)	ND	250	270		5	109	2.7	70-130	20	11/16/2013 2003
trans-1,4-Dichloro-2-butene	ND	250	190		5	75	16	34-142	20	11/16/2013 2003
1,2-Dichlorobenzene	ND	250	290		5	116	1.9	70-130	20	11/16/2013 2003
1,4-Dichlorobenzene	ND	250	280		5	112	2.4	70-130	20	11/16/2013 2003
1,1-Dichloroethane	ND	250	260		5	104	5.8	69-132	20	11/16/2013 2003
1,2-Dichloroethane	ND	250	270		5	109	7.6	59-143	20	11/16/2013 2003
1,1-Dichloroethene	ND	250	270		5	106	4.3	50-132	20	11/16/2013 2003
cis-1,2-Dichloroethene	ND	250	260		5	104	5.1	70-130	20	11/16/2013 2003
trans-1,2-Dichloroethene	ND	250	260		5	104	1.6	67-141	20	11/16/2013 2003
1,2-Dichloropropane	ND	250	280		5	113	1.2	71-126	20	11/16/2013 2003
cis-1,3-Dichloropropene	ND	250	270		5	107	2.1	69-130	20	11/16/2013 2003
trans-1,3-Dichloropropene	ND	250	270		5	106	1.1	73-131	20	11/16/2013 2003
Ethylbenzene	ND	250	290		5	116	1.5	79-132	20	11/16/2013 2003
2-Hexanone	ND	500	580		5	116	2.8	60-140	20	11/16/2013 2003
Methyl iodide (Iodomethane)	ND	250	250		5	100	6.6	70-130	20	11/16/2013 2003
4-Methyl-2-pentanone	ND	500	620		5	124	0.91	60-140	20	11/16/2013 2003
Methylene chloride	ND	250	250		5	100	4.4	69-129	20	11/16/2013 2003
Styrene	ND	250	280		5	111	4.1	70-130	20	11/16/2013 2003
1,1,1,2-Tetrachloroethane	ND	250	290		5	114	3.0	70-130	20	11/16/2013 2003
1,1,2,2-Tetrachloroethane	ND	250	290		5	117	1.9	60-155	20	11/16/2013 2003
Tetrachloroethene	ND	250	300		5	119	0.49	70-130	20	11/16/2013 2003
Tetrahydrofuran	ND	250	280		5	112	4.9	70-130	20	11/16/2013 2003
Toluene	ND	250	290		5	115	2.0	75-125	20	11/16/2013 2003
1,1,1-Trichloroethane	ND	250	280		5	112	5.9	77-132	20	11/16/2013 2003
1,1,2-Trichloroethane	ND	250	280		5	112	1.9	77-132	20	11/16/2013 2003
Trichloroethene	ND	250	280		5	111	0.61	73-124	20	11/16/2013 2003
Trichlorofluoromethane	ND	250	290		5	117	5.3	41-173	20	11/16/2013 2003

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 - MSD

Sample ID: OK06038-011MD
Batch: 34548
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,2,3-Trichloropropane	ND	250	280		5	110	3.5	70-130	20	11/16/2013 2003
Vinyl acetate	ND	250	270		5	106	1.8	60-140	20	11/16/2013 2003
Vinyl chloride	ND	250	300		5	121	4.9	29-159	20	11/16/2013 2003
Xylenes (total)	ND	500	580		5	116	1.2	70-130	20	11/16/2013 2003

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		111	70-130
Toluene-d8		103	70-130

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

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

Appendix I Metals - MB

Sample ID: OQ33699-001
Batch: 33699
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 11/06/2013 1607

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Antimony	ND		1	0.010	mg/L	11/06/2013 2208
Arsenic	ND		1	0.010	mg/L	11/06/2013 2208
Barium	ND		1	0.025	mg/L	11/06/2013 2208
Beryllium	ND		1	0.0040	mg/L	11/06/2013 2208
Cadmium	ND		1	0.0020	mg/L	11/06/2013 2208
Chromium	ND		1	0.0050	mg/L	11/06/2013 2208
Cobalt	ND		1	0.025	mg/L	11/06/2013 2208
Copper	ND		1	0.0050	mg/L	11/06/2013 2208
Lead	ND		1	0.010	mg/L	11/06/2013 2208
Nickel	ND		1	0.040	mg/L	11/06/2013 2208
Selenium	ND		1	0.010	mg/L	11/06/2013 2208
Silver	ND		1	0.0050	mg/L	11/06/2013 2208
Vanadium	ND		1	0.050	mg/L	11/06/2013 2208
Zinc	ND		1	0.020	mg/L	11/06/2013 2208

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: OQ33699-002
Batch: 33699
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 11/06/2013 1607

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	0.40	0.42		1	105	80-120	11/06/2013 2211
Arsenic	0.40	0.44		1	110	80-120	11/06/2013 2211
Barium	2.0	2.2		1	109	80-120	11/06/2013 2211
Beryllium	2.0	2.2		1	112	80-120	11/06/2013 2211
Cadmium	0.40	0.43		1	107	80-120	11/06/2013 2211
Chromium	2.0	2.1		1	107	80-120	11/06/2013 2211
Cobalt	2.0	2.1		1	105	80-120	11/06/2013 2211
Copper	2.0	2.1		1	104	80-120	11/06/2013 2211
Lead	0.40	0.42		1	105	80-120	11/06/2013 2211
Nickel	2.0	2.1		1	105	80-120	11/06/2013 2211
Selenium	0.40	0.48		1	119	80-120	11/06/2013 2211
Silver	0.40	0.42		1	105	80-120	11/06/2013 2211
Vanadium	2.0	2.1		1	107	80-120	11/06/2013 2211
Zinc	2.0	2.1		1	105	80-120	11/06/2013 2211

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: OQ33699-003 **Matrix:** Aqueous
Batch: 33699 **Prep Method:** 3005A
Analytical Method: 6010C **Prep Date:** 11/06/2013 1607

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	1.8	80-120	20	11/06/2013 2215
Arsenic	0.40	0.42		1	106	3.4	80-120	20	11/06/2013 2215
Barium	2.0	2.2		1	109	0.097	80-120	20	11/06/2013 2215
Beryllium	2.0	2.2		1	110	1.2	80-120	20	11/06/2013 2215
Cadmium	0.40	0.42		1	105	1.1	80-120	20	11/06/2013 2215
Chromium	2.0	2.1		1	106	0.81	80-120	20	11/06/2013 2215
Cobalt	2.0	2.1		1	104	1.2	80-120	20	11/06/2013 2215
Copper	2.0	2.1		1	103	0.91	80-120	20	11/06/2013 2215
Lead	0.40	0.42		1	104	0.27	80-120	20	11/06/2013 2215
Nickel	2.0	2.1		1	103	1.6	80-120	20	11/06/2013 2215
Selenium	0.40	0.47		1	117	1.3	80-120	20	11/06/2013 2215
Silver	0.40	0.42		1	104	0.73	80-120	20	11/06/2013 2215
Vanadium	2.0	2.1		1	106	0.67	80-120	20	11/06/2013 2215
Zinc	2.0	2.1		1	103	1.1	80-120	20	11/06/2013 2215

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

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

Appendix I Metals - MB

Sample ID: OQ33700-001
Batch: 33700
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 11/06/2013 1607

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Antimony	ND		1	0.010	mg/L	11/07/2013 0011
Arsenic	ND		1	0.010	mg/L	11/07/2013 0011
Barium	ND		1	0.025	mg/L	11/07/2013 0011
Beryllium	ND		1	0.0040	mg/L	11/07/2013 0011
Cadmium	ND		1	0.0020	mg/L	11/07/2013 0011
Chromium	ND		1	0.0050	mg/L	11/07/2013 0011
Cobalt	ND		1	0.025	mg/L	11/07/2013 0011
Copper	ND		1	0.0050	mg/L	11/07/2013 0011
Lead	ND		1	0.010	mg/L	11/07/2013 0011
Nickel	ND		1	0.040	mg/L	11/07/2013 0011
Selenium	ND		1	0.010	mg/L	11/07/2013 0011
Silver	ND		1	0.0050	mg/L	11/07/2013 0011
Vanadium	ND		1	0.050	mg/L	11/07/2013 0011
Zinc	ND		1	0.020	mg/L	11/07/2013 0011

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: OQ33700-002
Batch: 33700
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 11/06/2013 1607

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	0.40	0.41		1	102	80-120	11/07/2013 0015
Arsenic	0.40	0.43		1	108	80-120	11/07/2013 0015
Barium	2.0	2.2		1	109	80-120	11/07/2013 0015
Beryllium	2.0	2.3		1	113	80-120	11/07/2013 0015
Cadmium	0.40	0.42		1	105	80-120	11/07/2013 0015
Chromium	2.0	2.1		1	107	80-120	11/07/2013 0015
Cobalt	2.0	2.1		1	103	80-120	11/07/2013 0015
Copper	2.0	2.1		1	104	80-120	11/07/2013 0015
Lead	0.40	0.41		1	102	80-120	11/07/2013 0015
Nickel	2.0	2.1		1	103	80-120	11/07/2013 0015
Selenium	0.40	0.48		1	119	80-120	11/07/2013 0015
Silver	0.40	0.42		1	104	80-120	11/07/2013 0015
Vanadium	2.0	2.1		1	107	80-120	11/07/2013 0015
Zinc	2.0	2.0		1	102	80-120	11/07/2013 0015

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: OQ33700-003 **Matrix:** Aqueous
Batch: 33700 **Prep Method:** 3005A
Analytical Method: 6010C **Prep Date:** 11/06/2013 1607

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	0.74	80-120	20	11/07/2013 0019
Arsenic	0.40	0.43		1	109	0.74	80-120	20	11/07/2013 0019
Barium	2.0	2.2		1	112	2.4	80-120	20	11/07/2013 0019
Beryllium	2.0	2.3		1	115	1.8	80-120	20	11/07/2013 0019
Cadmium	0.40	0.43		1	106	0.90	80-120	20	11/07/2013 0019
Chromium	2.0	2.2		1	109	1.6	80-120	20	11/07/2013 0019
Cobalt	2.0	2.1		1	104	1.3	80-120	20	11/07/2013 0019
Copper	2.0	2.1		1	106	2.3	80-120	20	11/07/2013 0019
Lead	0.40	0.41		1	103	1.1	80-120	20	11/07/2013 0019
Nickel	2.0	2.1		1	104	1.2	80-120	20	11/07/2013 0019
Selenium	0.40	0.48		1	119	0.13	80-120	20	11/07/2013 0019
Silver	0.40	0.43		1	106	2.1	80-120	20	11/07/2013 0019
Vanadium	2.0	2.2		1	109	1.7	80-120	20	11/07/2013 0019
Zinc	2.0	2.1		1	103	0.83	80-120	20	11/07/2013 0019

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: OK06038-011MS
Batch: 33700
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 11/06/2013 1607

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	ND	0.40	0.39		1	97	75-125	11/07/2013 0026
Arsenic	ND	0.40	0.42		1	106	75-125	11/07/2013 0026
Barium	0.12	2.0	2.3		1	109	75-125	11/07/2013 0026
Beryllium	ND	2.0	2.1		1	104	75-125	11/07/2013 0026
Cadmium	ND	0.40	0.42		1	105	75-125	11/07/2013 0026
Chromium	ND	2.0	2.0		1	102	75-125	11/07/2013 0026
Cobalt	ND	2.0	1.9		1	97	75-125	11/07/2013 0026
Copper	ND	2.0	2.2		1	109	75-125	11/07/2013 0026
Lead	ND	0.40	0.40		1	100	75-125	11/07/2013 0026
Nickel	ND	2.0	1.9		1	96	75-125	11/07/2013 0026
Selenium	ND	0.40	0.45		1	112	75-125	11/07/2013 0026
Silver	ND	0.40	0.44		1	109	75-125	11/07/2013 0026
Vanadium	ND	2.0	2.0		1	102	75-125	11/07/2013 0026
Zinc	ND	2.0	1.9		1	93	75-125	11/07/2013 0026

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: OK06038-011MD
Batch: 33700
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 11/06/2013 1607

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	0.38		1	96	0.99	75-125	20	11/07/2013 0030
Arsenic	ND	0.40	0.42		1	105	0.47	75-125	20	11/07/2013 0030
Barium	0.12	2.0	2.4		1	112	2.6	75-125	20	11/07/2013 0030
Beryllium	ND	2.0	2.1		1	106	2.0	75-125	20	11/07/2013 0030
Cadmium	ND	0.40	0.42		1	105	0.042	75-125	20	11/07/2013 0030
Chromium	ND	2.0	2.1		1	105	2.3	75-125	20	11/07/2013 0030
Cobalt	ND	2.0	1.9		1	97	0.67	75-125	20	11/07/2013 0030
Copper	ND	2.0	2.2		1	111	1.6	75-125	20	11/07/2013 0030
Lead	ND	0.40	0.40		1	99	0.92	75-125	20	11/07/2013 0030
Nickel	ND	2.0	1.9		1	96	0.20	75-125	20	11/07/2013 0030
Selenium	ND	0.40	0.45		1	113	0.41	75-125	20	11/07/2013 0030
Silver	ND	0.40	0.44		1	111	1.4	75-125	20	11/07/2013 0030
Vanadium	ND	2.0	2.1		1	103	1.3	75-125	20	11/07/2013 0030
Zinc	ND	2.0	1.9		1	93	0.64	75-125	20	11/07/2013 0030

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: OK06038-012MS
Batch: 33700
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 11/06/2013 1607

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	ND	0.40	0.40		1	101	75-125	11/07/2013 0041
Arsenic	ND	0.40	0.43		1	107	75-125	11/07/2013 0041
Barium	0.069	2.0	2.3		1	111	75-125	11/07/2013 0041
Beryllium	ND	2.0	2.2		1	111	75-125	11/07/2013 0041
Cadmium	ND	0.40	0.41		1	103	75-125	11/07/2013 0041
Chromium	ND	2.0	2.2		1	108	75-125	11/07/2013 0041
Cobalt	ND	2.0	2.0		1	101	75-125	11/07/2013 0041
Copper	ND	2.0	2.1		1	106	75-125	11/07/2013 0041
Lead	ND	0.40	0.41		1	103	75-125	11/07/2013 0041
Nickel	ND	2.0	2.0		1	101	75-125	11/07/2013 0041
Selenium	ND	0.40	0.46		1	114	75-125	11/07/2013 0041
Silver	ND	0.40	0.42		1	106	75-125	11/07/2013 0041
Vanadium	ND	2.0	2.1		1	106	75-125	11/07/2013 0041
Zinc	ND	2.0	2.0		1	98	75-125	11/07/2013 0041

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: OQ34043-001
Batch: 34043
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/11/2013 1930

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.00010	mg/L	11/11/2013 2312

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: OQ34043-002
Batch: 34043
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/11/2013 1930

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0019		1	93	85-115	11/11/2013 2314

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: OQ34043-003
Batch: 34043
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/11/2013 1930

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0018		1	92	1.1	85-115	20	11/11/2013 2317

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: OQ34064-001
Batch: 34064
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/12/2013 942

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.00010	mg/L	11/12/2013 1229

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: OQ34064-002
Batch: 34064
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/12/2013 942

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0019		1	94	85-115	11/12/2013 1231

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: OQ34064-003
Batch: 34064
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/12/2013 942

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0020		1	99	5.2	85-115	20	11/12/2013 1234

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: OK06038-010MS
Batch: 34064
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/12/2013 942

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0016	N	1	80	85-115	11/12/2013 1302

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: OK06038-010MD
Batch: 34064
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/12/2013 942

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	0.0016	N	1	81	0.62	85-115	20	11/12/2013 1305

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: OK06038-011MS
Batch: 34064
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 11/12/2013 942

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0015	N	1	76	85-115	11/12/2013 1313

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 05817

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Sampler (Printed Name): T. Bolyard	Quote No.
Address: 2646 Farmlake Ln.	Telephone No. / Fax No. / Email: 803-547-4955	Waybill No.	Page 1 of 2
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		Number of Containers
Project Name: Hwy 55 C&D			Bottle (See Instructions on back)
Project Number: EP-1306	P.O Number		Preservative
			Lot No. OK06038

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	Analysis	App I VOCs + TMP (3)	App I Metals + Hg (1)	Remarks / Cooler ID
MW-1	11/4/13	9:00	G	X						✓	✓	Use Lower Level
MW-2		9:30	G	X						✓	✓	Detection Limits;
MW-3		10:00	G	X						✓	✓	Also - send EDD
MW-4		10:30	G	X						✓	✓	version of data
MW-5		11:00	G	X						✓	✓	
MW-6		11:30	G	X						✓	✓	
MW-7		12:00	G	X						✓	✓	
MW-8		12:30	G	X						✓	✓	
MW-9		13:00	G	X						✓	✓	
MW-10		13:30	G	X						✓	✓	

Turn Around Time Required (Each 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

	Date	Time		Date	Time
1. Relinquished by Sampler: T. Bolyard	11/5/13	1335	1. Received by: [signature]	11/5/13	1535
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by: [signature]	11/5/13	1620	4. Laboratory Received by: [signature]	11/5/13	1620

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 1.3 °C; Temp Blank ☐ Y ☐ N

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

SHEALY **Chain of Custody Record**

Number 05818

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Sampler (Printed Name): T. Bolyard	Quote No.
Address: 2646 Farmlake Ln.	Telephone No. / Fax No. / Email: 803-547-4955	Waybill No.	Page 2 of 2
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		Number of Containers
Project Name: Hwy 55 C&D			Bottle (See Instructions on back)
Project Number: EP-1306	P.C Number		Preservative
			Lot No. OK06038

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	C=Crab Cx=Composite	Matrix: GW	DW	WW	S	Other	Analysis	App I VOCs + THF (3 / A / 5)	App I Metals + Hg (1 / D / 4)	App I VOCs + THF (2 / A / 5)	Remarks / Cooler ID
MW-11	11/4/13	14:00	G	X						✓	✓		Use Lower Level
SW-1	"	14:15	G	X						✓	✓		Detection Limits;
SW-2	"	14:30	G	X						✓	✓		Also-send EDD
SW-3	"	14:45	G	X						✓	✓		version of data
SW-4	"	15:00	G	X						✓	✓		
Trip Blank												✓	

Turn Around Time Required (Prior lab approval required for expected 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

	Date	Time		Date	Time
1. Relinquished by / Sampler: T. Bolyard	11/5/13	1335	1. Received by: [signature]	11/5/13	1335
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by: [signature]	11/5/13	1620	4. Laboratory Received by: [signature]	11/5/13	1620

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. 1.3 °C; Temp. Blank ☐ Y / ☐ N

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 13

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Replaces Date: 09/24/13
Effective Date: 09/26/13

Sample Receipt Checklist (SRC)

Client: Enviro-Pro Cooler Inspected by/date: CMT / 11/6/13 Lot #: OK06038

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/Original temperature upon receipt/Derived (corrected) temperature upon receipt:
11.6 11.3 °C ___ / ___ / ___ °C ___ / ___ / ___ °C ___ / ___ / ___ °C

Method: ☐ Temperature Blank ☑ Against Bottles IR Gun ID: 3 IR Gun Correction Factor: -0.3°C

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 (<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/phenol

Sample labels verified by: _____ Date: _____

Corrective Action taken, if necessary:

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

SESI employee: _____ Date of response: _____

Comments: _____

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 05817

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Sampler (Printed Name): T. Bolyard	Quote No.
Address: 2646 Farmlake Ln.	Telephone No. / Fax No. / Email: 803-547-4955	Waybill No.	Page 1 of 2
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 55 C&D			
Project Number: EP-1306	P.O Number:		Lot No. OK060038

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	G=Grab C=Composite	GW	DW	WW	S	Other	Analysis: App I VOCs + THF	App I Metals + Hg	Remarks / Cooler ID
Number of Containers									3	1	
Bottle (See Instructions on back)									A	D	
Preservative									5	4	
MW-1	11/4/13	9:00	G	X					✓	✓	Use Lower Level
MW-2		9:30	G	X					✓	✓	Detection Limits;
MW-3		10:00	G	X					✓	✓	Also - send EDD
MW-4		10:30	G	X					✓	✓	version of data
MW-5		11:00	G	X					✓	✓	
MW-6		11:30	G	X					✓	✓	
MW-7		12:00	G	X					✓	✓	
MW-8		12:30	G	X					✓	✓	
MW-9		13:00	G	X					✓	✓	
MW-10		13:30	G	X					✓	✓	

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: 11/5/13	Time: 1335	1. Received by: [signature]	Date: 11/5/13	Time: 1335
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by	Date	Time	3. Received by	Date	Time
4. Relinquished by: [signature]	Date: 11/5/13	Time: 1620	4. Laboratory Received by: [signature]	Date: 11/5/13	Time: 1620

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. 1.3 °C
Temp. Blank ☐ Y / ☑ N

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www.shealylab.com

Number 05818

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Sampler (Printed Name): T. Bolyard	Quote No.
Address: 2646 Farmlake Ln.	Telephone No. / Fax No. / Email: 803-547-4955	Waybill No.	Page 2 of 2
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 55 C&D			
Project Number: EP-1306	P.O Number:		Lot No. 01L060038

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	G=Grab C=Composite	GW	DW	WW	S	Other	Analysis: App I VOCs + THF	App I metals + Hg	App I VOCs + THF										Remarks / Cooler ID
									3	1	2										Number of Containers
									A	D	A										Bottle (See Instructions on back)
									5	4	5										Preservative
MW-11	11/4/13	14:00	G	X					✓	✓											Use Lower Level
SW-1	"	14:15	G	X					✓	✓											Detection Limits;
SW-2	"	14:30	G	X					✓	✓											Also-send EDD
SW-3	"	14:45	G	X					✓	✓											version of data
SW-4	"	15:00	G	X					✓	✓											
Trip Blank											✓										

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

Sample Disposal: ☐ Return to Client ☒ Disposal by Lab

QC Requirements (Specify)

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

1. Relinquished by / Sampler: T. Bolyard	Date: 11/5/13	Time: 1335	1. Received by: [signature]	Date: 11/5/13	Time: 1335
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by	Date	Time	3. Received by	Date	Time
4. Relinquished by: [signature]	Date: 11/5/13	Time: 1620	4. Laboratory Received by: [signature]	Date: 11/5/13	Time: 1620

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. 1.3 °C
Temp. Blank ☐ Y / ☒ N

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: Greenway Waste Solutions, LLC
LOCATION: Apex, NC
PROJECT NAME/DESCRIPTION: Hwy 55 C&D
DATE OF WATER LEVEL MEASUREMENTS: 11-4-13

DEVELOP:
PURGING: ✓
SAMPLING: ✓

PROJECT NO.: EP-1306
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-1	11-4-13	9:00	32	20.41 →			11.59	1.8	5.6				
	MW-2	"	9:30	20	11.67			8.33	1.3	4				
	MW-3	"	10:00	19	8.89			10.11	1.6	4.8				
	MW-4	"	10:30	19	8.65			10.35	1.6	4.8				
	MW-5	"	11:00	19	9.03			9.97	1.6	4.8				
	MW-6	"	11:30	19	9.48			9.52	1.5	4.5				
	MW-7	"	12:00	22	12.67			9.33	1.5	4.5				
	MW-8	"	12:30	30	21.95			8.05	2.11	6.33				
	MW-9	"	13:00	20	10.36			9.64	1.5	4.5				
	MW-10	"	13:30	30	17.45			12.55	2	6				
	MW-11	"	14:00	20	6.99			13.01	2	6				
	SW-1	"	14:15	—										
	SW-2	"	14:30	—										
	SW-3	"	14:45	—										
	SW-4	"	15:00	—										

Comments:

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

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

(e.g., after each well volume)

Development/Purge Readings

PROJECT NO: EP-1306 DATE(S): 11/4/13
PROJECT NAME: Hwy 55 C&D PERSONNEL: BVB
LOCATION: Apex, NC

WELL ID	TIME (DURATION)	GALLONS	NTUs	TEMPERATURE (DEGREES C)	CONDUCTIVITY (2mu/cm)	pH
MW-1		1		16.2	36.8	6.6
		2		16.3	38.9	6.6
		3		16.1	39.1	6.5
		4		16.3	39.5	6.5
MW-2		1		16.9	489.6	6.6
		2		16.8	492.3	6.5
		3		16.9	494.4	6.6
		5		16.9	497.2	6.6
MW-3		1		16.8	156.2	6.5
		3		16.7	158.4	6.5
		5		16.5	159.3	6.5
MW-4		1		16.7	255.3	6.5
		2		16.6	258.4	6.6
		4		16.6	261.3	6.5
		6		16.7	154.2	6.6
MW-5		1		16.5	155.3	6.5
		2		16.6	156.9	6.5
		4		16.5	155.3	6.5
		6		16.6	224.2	6.5
MW-6		1		16.9	178.4	6.6
		2		16.9	179.6	6.7
		3		16.8	174.2	6.8
		5		16.8	175.3	6.8
MW-7		1		16.5	225.3	6.4
		2		16.8	227.1	6.5
		4		16.8	227.9	6.6
		6		16.9	228.3	6.6
MW-8		1		16.8	263.1	6.5
		2		16.9	264.3	6.5
		3		16.9	265.5	6.6
MW-9		1		16.9	187.2	6.5
		3		16.9	188.6	6.5
		5		16.8	189.4	6.5
MW-10		1		16.9	256.3	6.5
		2		16.9	258.0	6.4
		3		17.1	260.2	6.7
		4		16.9	261.4	6.8
MW-11		1		16.9	177.2	6.5
		2		17.0	179.6	6.6
		4		16.9	181.3	6.6
		6		16.9	184.5	6.8
SW-1				16.7	169.3	6.5
SW-2				16.6	171.3	6.5
SW-3				16.7	174.3	6.3
SW-4				16.8	176.9	6.9