ENVIRO-PRO
PROFESSIONAL CORPORATION

July 5, 2013

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

RE: Semi-Annual Groundwater Sampling Report (34)
North Mecklenburg Landfill
Huntersville, North Carolina
Project No. EP-1217

Dear Mr. Griffin:

Enviro-Pro, P.C. is pleased to submit this report which describes the field sampling activities and summarizes the first 2013 semi-annual sampling event analytical results for 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 Hydrogeolgist

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: enviropro@comporium.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
North Mecklenburg C&D Landfill	15300 Holbrooks Road, Huntersville, NC	60-13	.0500	April 25, 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.

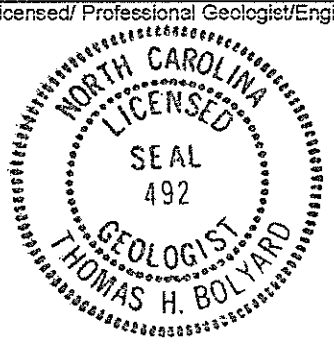
Certification

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.

Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Thomas H. Bolyard, P.G.	Senior Hydrogeologist	(803) 547-4955

Signature: Thomas H. Bolyard Date: 7/5/13

Affix NC Licensed/ Professional Geologist/Engineer Seal here:



Revised 01/2007

2nd SEMI-ANNUAL MONITORING REPORT (34)

North Mecklenburg Landfill
15300 Holbrooks Road
Huntersville, 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-1217

July 5, 2013

Field Sampling Activities:

On April 25, 2013 Enviro-Pro (EP) personnel collected groundwater samples from on-site perimeter monitor wells MW-1, MW-4, MW-5, MW-6, MW-10, and MW-11. The approximate locations of these wells are indicated on Figure 1. The procedures for groundwater measurement and sampling were as follows:

1) Initially, the monitor well caps were removed to allow the groundwater levels to equilibrate to the ambient atmospheric pressure. Next, the depth to groundwater from a measuring point on top of the well casing was recorded. Water level measurements were obtained using an electronic water level meter. The water level probe was decontaminated between monitor wells with deionized water and isopropyl alcohol.

2) At least three well volumes were removed from each monitor well to purge stagnant water and to ensure that fresh formation water would be sampled. Purging was conducted using dedicated disposable bailers.

3) Each well was then sampled utilizing laboratory prepared containers, labeled, and packed on ice in a portable cooler for shipment to Pace Analytical Services, Inc., a North Carolina-certified laboratory in Huntersville, North Carolina. Chain-of-Custody documentation is included with the analytical reports in Appendix A.

4) Quality assurance/quality control (QA/QC) measures in the field included wearing disposable sample gloves during sampling activities and changing them between sample locations to protect the groundwater samples from cross-contamination. Analytical QA/QC included a field (bailer rinse) blank and a trip blank analyzed for volatile organic compounds (VOCs) by Method 8260B. Only clean, laboratory supplied sample containers were utilized.

The field information obtained during well purging is summarized on the Well Development, Purge, and Sample Record included as Appendix B. Groundwater levels increased in three of the monitor wells and decreased in three of the monitor wells since the previous sampling event on October 24, 2012.

Laboratory Test Results

In accordance with regulatory requirements, the six monitor well samples were analyzed for Appendix I metals and volatile organic compounds (VOCs) by Shealy Environmental Services. In addition, groundwater samples were analyzed for alkalinity, total dissolved solids (TDS), chloride, and sulfate. Shealy's Report of Laboratory Analysis is attached as Appendix A, with a summary of groundwater analytical results included in Table 1.

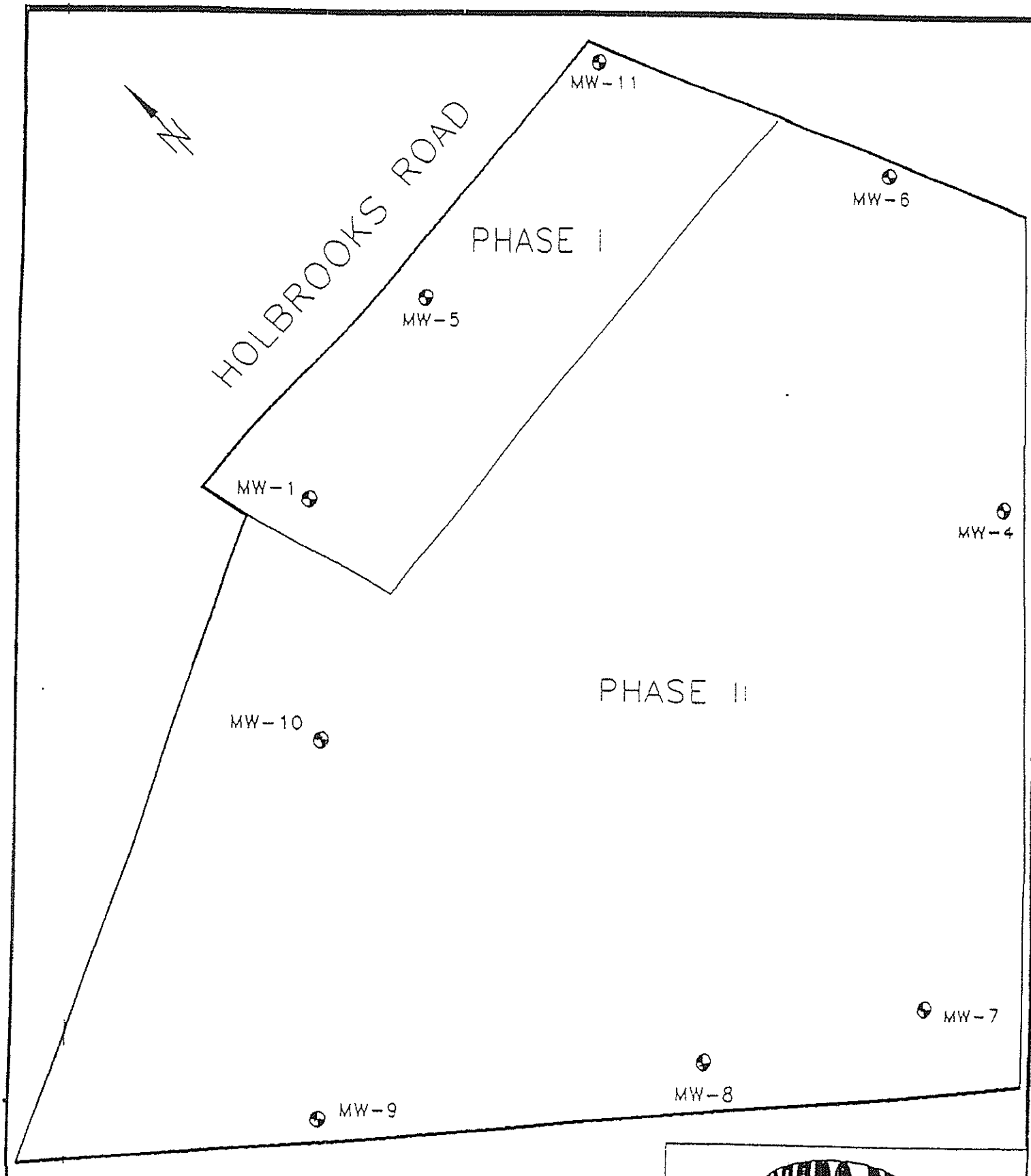
Laboratory test results indicate that a low concentration of cis-1,2-Dichloroethene was detected in well MW-5. Tetrahydrofuran was detected in well MW-11. The compound vinyl chloride was detected in wells MW-4, MW-5, MW-10, and MW-11 at concentrations above its 2L Standard. The tetrahydrofuran detected in well MW-11 currently has no 2L Standard established. Laboratory test results indicate low concentrations of the metal barium in all the monitor wells sampled. Low concentrations of arsenic, chromium, copper, vanadium, and zinc were detected in several of the wells sampled at concentrations below their 2L Standards. The levels identified for these metals are representative of those naturally occurring in the bedrock, soil, and groundwater in this area. Inorganic compounds alkalinity, total dissolved solids (TDS), sulfate, and chloride were detected in all the wells sampled. No 2L Standard has been established for alkalinity. TDS was detected at a concentration above its 2L Standard in wells MW-6 and MW-11. Sulfate and chloride were present below their respective 2L Standards in all the wells sampled. Most of the elevated TDS and metals levels are likely due to the turbidity of the samples collected. No other Appendix I VOC's or metals were detected above their respective analytical limits in the monitor wells, trip blank, or field blank.

The next sampling event for the North Mecklenburg C&D Landfill site is scheduled for October 2013.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
North Mecklenburg C&D Landfill
Huntersville, North Carolina
July 4, 2013

Analytical Method →	8260	8260	8260	6010C	6010C	6010C	6010C	6010C	6010C	2320B	2540C	300.0	300.0
Contaminant of Concern →	cis-1,2-Dichloroethene	Vinyl Chloride	Tetrahydrofuran	Arsenic	Barium	Chromium	Copper	Zinc	Vanadium	Alkalinity	TDS	Sulfate	Chloride
Sample ID													
MW-1	BDL	BDL	BDL	0.012	0.12	BDL	BDL	BDL	BDL	**330**	380	31	3.6
MW-4	BDL	**3.5**	BDL	BDL	0.62	BDL	BDL	BDL	BDL	**390**	420	8.0	4.7
MW-5	2.1	**4.6**	BDL	BDL	0.46	0.0053	0.16	0.049	**0.051**	**230**	470	100	25
MW-6	BDL	BDL	BDL	BDL	0.31	BDL	BDL	0.021	BDL	**670**	**700**	17	30
MW-10	BDL	**2.2**	BDL	0.012	0.22	BDL	BDL	BDL	BDL	**220**	130	BDL	13
MW-11	BDL	**2.7**	**28**	BDL	0.14	BDL	0.010	BDL	BDL	**990**	**1200**	100	49
Field Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trip Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2L Standard	**70**	**0.03**	**NE**	**0.01**	**0.7**	**0.01**	**1**	**1**	**NE**	**NE**	**500**	**250**	**250**

Notes: All metals/Inorganic compounds are presented in milligrams per liter (mg/l)
BDL = Below detection limit
All VOCs are presented in micrograms per TDS = Total Dissolved Solids
NE = None Established



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PROFESSIONAL CORPORATION

FIGURE 1: SITE PLAN
N. Mecklenburg Landfill
Huntersville, NC

PROJECT #	DRAWN BY	SCALE	DATE
EP-1217	THB	1"=200'	9/23/96

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: **NMFL**

Project Number: **EP-1217**

Lot Number: **OD26060**

Date Completed: **05/10/2013**

N. Saikaly

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: OD26060

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

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

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

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

Sample Summary
Enviro-Pro, P.C.
Lot Number: OD26060

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	04/25/2013 1330	04/26/2013
002	MW-4	Aqueous	04/25/2013 1400	04/26/2013
003	MW-5	Aqueous	04/25/2013 1430	04/26/2013
004	MW-6	Aqueous	04/25/2013 1500	04/26/2013
005	MW-10	Aqueous	04/25/2013 1530	04/26/2013
006	MW-11	Aqueous	04/25/2013 1600	04/26/2013
007	FIELD BLANK	Aqueous	04/25/2013 1415	04/26/2013
008	TRIP BLANK	Aqueous	04/25/2013	04/26/2013

(8 samples)

Executive Summary
Enviro-Pro, P.C.
Lot Number: OD26060

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Alkalinity	SM 2320B-	330		mg/L	5
001	MW-1	Aqueous	Chloride	300.0	3.6		mg/L	5
001	MW-1	Aqueous	Sulfate	300.0	31		mg/L	5
001	MW-1	Aqueous	TDS	SM 2540C-	380		mg/L	5
001	MW-1	Aqueous	Arsenic	6010C	0.012		mg/L	8
001	MW-1	Aqueous	Barium	6010C	0.12		mg/L	8
002	MW-4	Aqueous	Alkalinity	SM 2320B-	390		mg/L	10
002	MW-4	Aqueous	Chloride	300.0	4.7		mg/L	10
002	MW-4	Aqueous	Sulfate	300.0	8.0		mg/L	10
002	MW-4	Aqueous	TDS	SM 2540C-	420		mg/L	10
002	MW-4	Aqueous	Vinyl chloride	8260B	3.5		ug/L	12
002	MW-4	Aqueous	Barium	6010C	0.62		mg/L	13
003	MW-5	Aqueous	Alkalinity	SM 2320B-	230		mg/L	15
003	MW-5	Aqueous	Chloride	300.0	25		mg/L	15
003	MW-5	Aqueous	Sulfate	300.0	100	S	mg/L	15
003	MW-5	Aqueous	TDS	SM 2540C-	470		mg/L	15
003	MW-5	Aqueous	cis-1,2-Dichloroethene	8260B	2.1		ug/L	16
003	MW-5	Aqueous	Vinyl chloride	8260B	4.6		ug/L	17
003	MW-5	Aqueous	Barium	6010C	0.46		mg/L	18
003	MW-5	Aqueous	Chromium	6010C	0.0053		mg/L	18
003	MW-5	Aqueous	Copper	6010C	0.16		mg/L	18
003	MW-5	Aqueous	Vanadium	6010C	0.051		mg/L	18
003	MW-5	Aqueous	Zinc	6010C	0.049		mg/L	18
004	MW-6	Aqueous	Alkalinity	SM 2320B-	670		mg/L	20
004	MW-6	Aqueous	Chloride	300.0	30		mg/L	20
004	MW-6	Aqueous	Sulfate	300.0	17		mg/L	20
004	MW-6	Aqueous	TDS	SM 2540C-	700		mg/L	20
004	MW-6	Aqueous	Barium	6010C	0.31		mg/L	23
004	MW-6	Aqueous	Zinc	6010C	0.021		mg/L	23
005	MW-10	Aqueous	Alkalinity	SM 2320B-	220		mg/L	25
005	MW-10	Aqueous	Chloride	300.0	13		mg/L	25
005	MW-10	Aqueous	TDS	SM 2540C-	130		mg/L	25
005	MW-10	Aqueous	Vinyl chloride	8260B	2.2		ug/L	27
005	MW-10	Aqueous	Arsenic	6010C	0.012		mg/L	28
005	MW-10	Aqueous	Barium	6010C	0.22		mg/L	28
006	MW-11	Aqueous	Alkalinity	SM 2320B-	990		mg/L	30
006	MW-11	Aqueous	Chloride	300.0	49		mg/L	30
006	MW-11	Aqueous	Sulfate	300.0	100		mg/L	30
006	MW-11	Aqueous	TDS	SM 2540C-	1200		mg/L	30
006	MW-11	Aqueous	Tetrahydrofuran	8260B	28		ug/L	31
006	MW-11	Aqueous	Vinyl chloride	8260B	2.7		ug/L	32
006	MW-11	Aqueous	Barium	6010C	0.14		mg/L	33
006	MW-11	Aqueous	Copper	6010C	0.010		mg/L	33

(43 detections)

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-001**
Description: **MW-1**
Matrix: **Aqueous**
Date Sampled: **04/25/2013 1330**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/29/2013 1531	KMB		19405
1		(Chloride) 300.0	1	05/07/2013 0232	SMH		19911
1		(Sulfate) 300.0	1	05/07/2013 0232	SMH		19915
1		(TDS) SM 2540C-2011	1	04/30/2013 0926	AMM1		19392

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**330**		**10**	**mg/L**	**1**
Chloride		**300.0**	**3.6**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**31**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**380**		**10**	**mg/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **04/25/2013 1330**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1123	JAC		19928

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **04/25/2013 1330**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1123	JAC		19928

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		95	70-130
Bromofluorobenzene		107	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **04/25/2013 1330**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/30/2013 0435	CDF	04/29/2013 1800	19337

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**	**0.012**		**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-1**
Date Sampled: **04/25/2013 1330**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	05/01/2013 1630	COH	05/01/2013 1017	19471

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-002**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **04/25/2013 1400**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/29/2013 1539	KMB		19405
1		(Chloride) 300.0	1	05/08/2013 1158	SMH		20006
1		(Sulfate) 300.0	1	05/08/2013 1158	SMH		20007
1		(TDS) SM 2540C-2011	1	04/30/2013 0926	AMM1		19392

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**390**		**10**	**mg/L**	**1**
Chloride		**300.0**	**4.7**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**8.0**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**420**		**10**	**mg/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **04/25/2013 1400**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1148	JAC		19928

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **04/25/2013 1400**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1148	JAC		19928

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**	**3.5**		**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		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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-002**
Description: **MW-4**
Matrix: **Aqueous**
Date Sampled: **04/25/2013 1400**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/30/2013 0442	CDF	04/29/2013 1800	19337

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**	**0.62**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-4**
Date Sampled: **04/25/2013 1400**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	05/01/2013 1632	COH	05/01/2013 1017	19471

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-003**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **04/25/2013 1430**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/29/2013 1545	KMB		19405
1		(Chloride) 300.0	1	05/08/2013 1624	SMH		20078
1		(Sulfate) 300.0	1	05/08/2013 1624	SMH		20079
1		(TDS) SM 2540C-2011	1	04/30/2013 0926	AMM1		19392

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**230**		**10**	**mg/L**	**1**
Chloride		**300.0**	**25**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**100**	**S**	**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**470**		**10**	**mg/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **04/25/2013 1430**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1212	JAC		19928

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**	**2.1**		**1.0**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-003**
Description: **MW-5**
Matrix: **Aqueous**
Date Sampled: **04/25/2013 1430**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1212	JAC		19928

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**	**4.6**		**1.0**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		103	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
Q = Surrogate failure
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
S = MS/MSD failure

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **04/25/2013 1430**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/30/2013 0446	CDF	04/29/2013 1800	19337

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**	**0.46**		**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**	**0.16**		**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**	**0.051**		**0.050**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010C**	**0.049**		**0.020**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-5**
Date Sampled: **04/25/2013 1430**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	05/01/2013 1645	COH	05/01/2013 1017	19471

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **04/25/2013 1500**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	04/29/2013 1558	KMB		19405
1		(Chloride) 300.0	1	05/04/2013 0545	SMH		19775
1		(Sulfate) 300.0	1	05/04/2013 0545	SMH		19780
1		(TDS) SM 2540C-2011	1	04/30/2013 0926	AMM1		19392

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**670**		**10**	**mg/L**	**1**
Chloride		**300.0**	**30**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**17**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**700**		**10**	**mg/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **04/25/2013 1500**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1237	JAC		19928

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **04/25/2013 1500**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1237	JAC		19928

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **04/25/2013 1500**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/30/2013 0450	CDF	04/29/2013 1800	19337

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**	**0.31**		**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	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**	**0.021**		**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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-6**
Date Sampled: **04/25/2013 1500**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	05/01/2013 1650	COH	05/01/2013 1017	19471

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-005**
Description: **MW-10**
Matrix: **Aqueous**
Date Sampled: **04/25/2013 1530**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	05/01/2013 1739	KMB		19512
1		(Chloride) 300.0	1	05/04/2013 0633	SMH		19775
1		(Sulfate) 300.0	1	05/04/2013 0633	SMH		19780
1		(TDS) SM 2540C-2011	1	04/30/2013 0926	AMM1		19392

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**220**		**10**	**mg/L**	**1**
Chloride		**300.0**	**13**		**1.0**	**mg/L**	**1**
Sulfate		300.0	ND		1.0	mg/L	1
TDS		**SM 2540C-20**	**130**		**10**	**mg/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **04/25/2013 1530**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1301	JAC		19928

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-005**
Description: **MW-10**
Matrix: **Aqueous**
Date Sampled: **04/25/2013 1530**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1301	JAC		19928

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**	**2.2**		**1.0**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		103	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
Q = Surrogate failure
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
L = LCS/LCSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
S = MS/MSD failure

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **04/25/2013 1530**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/30/2013 0454	CDF	04/29/2013 1800	19337

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**	**0.012**		**0.010**	**mg/L**	**1**
Barium	**7440-39-3**	**6010C**	**0.22**		**0.025**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-10**
Date Sampled: **04/25/2013 1530**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	05/01/2013 1652	COH	05/01/2013 1017	19471

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-006**
Description: **MW-11**
Matrix: **Aqueous**
Date Sampled: **04/25/2013 1600**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Alkalinity) SM 2320B-2011	1	05/01/2013 1643	KMB		19512
1		(Chloride) 300.0	1	05/04/2013 0609	SMH		19775
1		(Sulfate) 300.0	1	05/09/2013 1738	SMH		20152
1		(TDS) SM 2540C-2011	1	04/30/2013 0926	AMM1		19392

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Alkalinity		**SM 2320B-20**	**990**		**10**	**mg/L**	**1**
Chloride		**300.0**	**49**		**1.0**	**mg/L**	**1**
Sulfate		**300.0**	**100**		**1.0**	**mg/L**	**1**
TDS		**SM 2540C-20**	**1200**		**10**	**mg/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **04/25/2013 1600**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1325	JAC		19928

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**	**28**		**5.0**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **04/25/2013 1600**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1325	JAC		19928

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**	**2.7**		**1.0**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		108	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **04/25/2013 1600**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/30/2013 0505	CDF	04/29/2013 1800	19337

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	ND		0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.010**		**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
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L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-11**
Date Sampled: **04/25/2013 1600**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	05/01/2013 1700	COH	05/01/2013 1017	19471

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
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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: FIELD BLANK
Date Sampled: 04/25/2013 1415
Date Received: 04/26/2013

Laboratory ID: OD26060-007
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1034	JAC		19928

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
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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
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N = Recovery is out of criteria
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **FIELD BLANK**
Date Sampled: **04/25/2013 1415**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1034	JAC		19928

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		106	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
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H = Out of holding time
N = Recovery is out of criteria
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **OD26060-008**
Description: **TRIP BLANK**
Matrix: **Aqueous**
Date Sampled: **04/25/2013**
Date Received: **04/26/2013**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1059	JAC		19928

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **TRIP BLANK**
Date Sampled: **04/25/2013**
Date Received: **04/26/2013**

Laboratory ID: **OD26060-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/07/2013 1059	JAC		19928

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		109	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
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Inorganic non-metals - MB

Sample ID: OQ19392-001
Batch: 19392
Analytical Method: SM 2540C-2011

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
TDS	ND		1	10	mg/L	04/30/2013 0926

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 critena
+ = RPD is out of criteria

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

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

Inorganic non-metals - LCS

Sample ID: OQ19392-002
Batch: 19392
Analytical Method: SM 2540C-2011

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
TDS	1500	1400		1	93	90-110	04/30/2013 0926

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

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

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

Inorganic non-metals - Duplicate

Sample ID: OD26060-004DU
Batch: 19392
Analytical Method: SM 2540C-2011
Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Result (mg/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
TDS	700	700		1	0.57	20	04/30/2013 0926

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

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

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

Inorganic non-metals - MB

Sample ID: OQ19405-001
Batch: 19405
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Alkalinity	ND		1	10	mg/L	04/29/2013 13330

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ19405-002
Batch: 19405
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Alkalinity	100	100		1	103	90-110	04/29/2013 1336

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

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

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

Inorganic non-metals - LCSD

Sample ID: OQ19405-003 **Matrix:** Aqueous
Batch: 19405
Analytical Method: SM 2320B-2011

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Alkalinity	100	100		1	104	0.54	90-110	20	04/29/2013 1342

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

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

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

Inorganic non-metals - MB

Sample ID: OQ19512-001
Batch: 19512
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Alkalinity	ND		1	10	mg/L	05/01/2013 1452

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ19512-002
Batch: 19512
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Alkalinity	100	98		1	98	90-110	05/01/2013 1458

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

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

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

Inorganic non-metals - LCSD

Sample ID: OQ19512-003 **Matrix:** Aqueous
Batch: 19512
Analytical Method: SM 2320B-2011

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Alkalinity	100	96		1	96	1.7	90-110	20	05/01/2013 1504

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

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

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

Inorganic non-metals - MS

Sample ID: OD26060-006MS
Batch: 19512
Analytical Method: SM 2320B-2011

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Alkalinity	990	100	1100		1	80	70-130	05/01/2013 1713

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

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

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

Inorganic non-metals - MSD

Sample ID: OD26060-006MD
Batch: 19512
Analytical Method: SM 2320B-2011
Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Alkalinity	990	100	1100		1	80	0.041	70-130	20	05/01/2013 1731

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

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

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

Inorganic non-metals - MB

Sample ID: OQ19775-001
Batch: 19775
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Chloride	ND		1	1.0	mg/L	05/03/2013 2231

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ19775-002 **Matrix:** Aqueous
Batch: 19775
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chloride	20	20		1	102	90-110	05/03/2013 2255

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

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

Inorganic non-metals - LCSD

Sample ID: OQ19775-003 **Matrix:** Aqueous
Batch: 19775
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Chloride	20	21		1	103	0.43	90-110	20	05/03/2013 2319

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

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

Inorganic non-metals - MB

Sample ID: OQ19780-001
Batch: 19780
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Sulfate	ND		1	1.0	mg/L	05/03/2013 2231

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ19780-002 **Matrix:** Aqueous
Batch: 19780
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	20	20		1	102	90-110	05/03/2013 2255

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

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

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

Inorganic non-metals - LCSD

Sample ID: OQ19780-003 **Matrix:** Aqueous
Batch: 19780
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	20	21		1	103	0.82	90-110	20	05/03/2013 2319

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

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

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

Inorganic non-metals - MB

Sample ID: OQ19911-001
Batch: 19911
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Chloride	ND		1	1.0	mg/L	05/06/2013 1108

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ19911-002
Batch: 19911
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chloride	20	20		1	102	90-110	05/06/2013 1132

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

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

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

Inorganic non-metals - LCSD

Sample ID: OQ19911-003 **Matrix:** Aqueous
Batch: 19911
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Chloride	20	20		1	102	0.29	90-110	20	05/06/2013 1219

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

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

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

Inorganic non-metals - MS

Sample ID: OD26060-001MS
Batch: 19911
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chloride	3.6	20	24		1	101	90-110	05/07/2013 0256

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

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

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

Inorganic non-metals - MSD

Sample ID: OD26060-001MD
Batch: 19911
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Chloride	3.6	20	24		1	101	0.21	90-110	20	05/07/2013 0320

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

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

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

Inorganic non-metals - MB

Sample ID: OQ19915-001
Batch: 19915
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Sulfate	ND		1	1.0	mg/L	05/06/2013 1108

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ19915-002 **Matrix:** Aqueous
Batch: 19915
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	20	21		1	105	90-110	05/06/2013 1132

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

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

Inorganic non-metals - LCSD

Sample ID: OQ19915-003
Batch: 19915
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	20	21		1	105	0.23	90-110	20	05/06/2013 1219

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

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

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

Inorganic non-metals - MS

Sample ID: OD26060-001MS
Batch: 19915
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	31	20	50		1	97	90-110	05/07/2013 0256

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

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

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

Inorganic non-metals - MSD

Sample ID: OD26060-001MD
Batch: 19915
Analytical Method: 300.0
Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	31	20	51		1	98	0.16	90-110	20	05/07/2013 0320

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

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

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

Inorganic non-metals - MB

Sample ID: OQ20006-001
Batch: 20006
Analytical Method: 300.0
Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Chloride	ND		1	1.0	mg/L	05/08/2013 0742

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ20006-002
Batch: 20006
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chloride	200	200		1	99	90-110	05/08/2013 0806

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

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

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

Inorganic non-metals - LCSD

Sample ID: OQ20006-003
Batch: 20006
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Chloride	200	200		1	99	0.025	90-110	20	05/08/2013 0830

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

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

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

Inorganic non-metals - MB

Sample ID: OQ20007-001
Batch: 20007
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Sulfate	ND		1	1.0	mg/L	05/08/2013 0742

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ20007-002 **Matrix:** Aqueous
Batch: 20007
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	200	200		1	100	90-110	05/08/2013 0806

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

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

Inorganic non-metals - LCSD

Sample ID: OQ20007-003 **Matrix:** Aqueous
Batch: 20007
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	200	200		1	100	0.18	90-110	20	05/08/2013 0830

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

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

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

Inorganic non-metals - MB

Sample ID: OQ20078-001
Batch: 20078
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Chloride	ND		1	1.0	mg/L	05/08/2013 1511

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ20078-002
Batch: 20078
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chloride	200	200		1	98	90-110	05/08/2013 1535

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

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

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

Inorganic non-metals - LCSD

Sample ID: OQ20078-003 **Matrix:** Aqueous
Batch: 20078
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Chloride	200	200		1	98	0.035	90-110	20	05/08/2013 1600

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

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

Inorganic non-metals - MS

Sample ID: OD26060-003MS
Batch: 20078
Analytical Method: 300.0
Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chloride	25	20	45		1	98	90-110	05/08/2013 1648

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

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

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

Inorganic non-metals - MSD

Sample ID: OD26060-003MD
Batch: 20078
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Chloride	25	20	45		1	98	0.036	90-110	20	05/08/2013 1712

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

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

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

Inorganic non-metals - MB

Sample ID: OQ20079-001
Batch: 20079
Analytical Method: 300.0
Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Sulfate	ND		1	1.0	mg/L	05/08/2013 1511

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ20079-002 **Matrix:** Aqueous
Batch: 20079
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	200	200		1	100	90-110	05/08/2013 1535

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

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

Inorganic non-metals - LCSD

Sample ID: OQ20079-003 **Matrix:** Aqueous
Batch: 20079
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	200	200		1	100	0.20	90-110	20	05/08/2013 1600

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

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

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

Inorganic non-metals - MS

Sample ID: OD26060-003MS
Batch: 20079
Analytical Method: 300.0
Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	100	20	120	N	1	86	90-110	05/08/2013 1648

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

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

Inorganic non-metals - MSD

Sample ID: OD26060-003MD
Batch: 20079
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	100	20	120	N	1	89	0.41	90-110	20	05/08/2013 1712

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

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

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

Inorganic non-metals - MB

Sample ID: OQ20152-001
Batch: 20152
Analytical Method: 300.0
Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Sulfate	ND		1	1.0	mg/L	05/09/2013 1200

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

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

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

Inorganic non-metals - LCS

Sample ID: OQ20152-002
Batch: 20152
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	200	200		1	99	90-110	05/09/2013 1224

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

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

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

Inorganic non-metals - LCSD

Sample ID: OQ20152-003 **Matrix:** Aqueous
Batch: 20152
Analytical Method: 300.0

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	200	200		1	99	0.21	90-110	20	05/09/2013 1248

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

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

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

Inorganic non-metals - MS

Sample ID: OD26060-006MS
Batch: 20152
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfate	100	200	300		1	96	90-110	05/09/2013 1802

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

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

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

Inorganic non-metals - MSD

Sample ID: OD26060-006MD
Batch: 20152
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfate	100	200	300		1	97	1.0	90-110	20	05/09/2013 1826

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: OQ19928-001
Batch: 19928
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	05/07/2013 1006
Acrylonitrile	ND		1	20	ug/L	05/07/2013 1006
Benzene	ND		1	1.0	ug/L	05/07/2013 1006
Bromochloromethane	ND		1	1.0	ug/L	05/07/2013 1006
Bromodichloromethane	ND		1	1.0	ug/L	05/07/2013 1006
Bromoform	ND		1	1.0	ug/L	05/07/2013 1006
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	05/07/2013 1006
2-Butanone (MEK)	ND		1	10	ug/L	05/07/2013 1006
Carbon disulfide	ND		1	1.0	ug/L	05/07/2013 1006
Carbon tetrachloride	ND		1	1.0	ug/L	05/07/2013 1006
Chlorobenzene	ND		1	1.0	ug/L	05/07/2013 1006
Chloroethane	ND		1	2.0	ug/L	05/07/2013 1006
Chloroform	ND		1	1.0	ug/L	05/07/2013 1006
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	05/07/2013 1006
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	05/07/2013 1006
Dibromochloromethane	ND		1	1.0	ug/L	05/07/2013 1006
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	05/07/2013 1006
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	05/07/2013 1006
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	05/07/2013 1006
1,4-Dichlorobenzene	ND		1	1.0	ug/L	05/07/2013 1006
1,2-Dichlorobenzene	ND		1	1.0	ug/L	05/07/2013 1006
1,2-Dichloroethane	ND		1	1.0	ug/L	05/07/2013 1006
1,1-Dichloroethane	ND		1	1.0	ug/L	05/07/2013 1006
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	05/07/2013 1006
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	05/07/2013 1006
1,1-Dichloroethene	ND		1	1.0	ug/L	05/07/2013 1006
1,2-Dichloropropane	ND		1	1.0	ug/L	05/07/2013 1006
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	05/07/2013 1006
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	05/07/2013 1006
Ethylbenzene	ND		1	1.0	ug/L	05/07/2013 1006
2-Hexanone	ND		1	10	ug/L	05/07/2013 1006
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	05/07/2013 1006
4-Methyl-2-pentanone	ND		1	10	ug/L	05/07/2013 1006
Methylene chloride	ND		1	1.0	ug/L	05/07/2013 1006
Styrene	ND		1	1.0	ug/L	05/07/2013 1006
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	05/07/2013 1006
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	05/07/2013 1006
Tetrachloroethene	ND		1	1.0	ug/L	05/07/2013 1006
Tetrahydrofuran	ND		1	5.0	ug/L	05/07/2013 1006
Toluene	ND		1	1.0	ug/L	05/07/2013 1006
1,1,2-Trichloroethane	ND		1	1.0	ug/L	05/07/2013 1006
1,1,1-Trichloroethane	ND		1	1.0	ug/L	05/07/2013 1006
Trichloroethene	ND		1	1.0	ug/L	05/07/2013 1006
Trichlorofluoromethane	ND		1	1.0	ug/L	05/07/2013 1006

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: OQ19928-001
Batch: 19928
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	05/07/2013 1006
Vinyl acetate	ND		1	5.0	ug/L	05/07/2013 1006
Vinyl chloride	ND		1	1.0	ug/L	05/07/2013 1006
Xylenes (total)	ND		1	1.0	ug/L	05/07/2013 1006

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		109	70-130
1,2-Dichloroethane-d4		94	70-130
Toluene-d8		104	70-130

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

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

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ19928-002
Batch: 19928
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	99		1	99	70-130	05/07/2013 0827
Acrylonitrile	100	92		1	92	70-130	05/07/2013 0827
Benzene	50	46		1	92	70-130	05/07/2013 0827
Bromochloromethane	50	46		1	91	70-130	05/07/2013 0827
Bromodichloromethane	50	47		1	94	70-130	05/07/2013 0827
Bromoform	50	45		1	90	70-130	05/07/2013 0827
Bromomethane (Methyl bromide)	50	47		1	94	60-140	05/07/2013 0827
2-Butanone (MEK)	100	100		1	103	60-140	05/07/2013 0827
Carbon disulfide	50	49		1	99	60-140	05/07/2013 0827
Carbon tetrachloride	50	46		1	91	70-130	05/07/2013 0827
Chlorobenzene	50	46		1	92	70-130	05/07/2013 0827
Chloroethane	50	45		1	91	42-163	05/07/2013 0827
Chloroform	50	44		1	89	70-130	05/07/2013 0827
Chloromethane (Methyl chloride)	50	46		1	93	70-130	05/07/2013 0827
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	91	70-130	05/07/2013 0827
Dibromochloromethane	50	48		1	95	70-130	05/07/2013 0827
1,2-Dibromoethane (EDB)	50	48		1	96	70-130	05/07/2013 0827
Dibromomethane (Methylene bromide)	50	46		1	92	70-130	05/07/2013 0827
trans-1,4-Dichloro-2-butene	50	50		1	101	34-142	05/07/2013 0827
1,4-Dichlorobenzene	50	43		1	87	70-130	05/07/2013 0827
1,2-Dichlorobenzene	50	45		1	89	70-130	05/07/2013 0827
1,2-Dichloroethane	50	45		1	90	70-130	05/07/2013 0827
1,1-Dichloroethane	50	45		1	91	70-130	05/07/2013 0827
trans-1,2-Dichloroethene	50	47		1	93	70-130	05/07/2013 0827
cis-1,2-Dichloroethene	50	47		1	94	70-130	05/07/2013 0827
1,1-Dichloroethene	50	49		1	98	70-130	05/07/2013 0827
1,2-Dichloropropane	50	46		1	92	70-130	05/07/2013 0827
trans-1,3-Dichloropropene	50	45		1	91	70-130	05/07/2013 0827
cis-1,3-Dichloropropene	50	45		1	91	70-130	05/07/2013 0827
Ethylbenzene	50	51		1	102	70-130	05/07/2013 0827
2-Hexanone	100	91		1	91	60-140	05/07/2013 0827
Methyl iodide (Iodomethane)	50	45		1	90	70-130	05/07/2013 0827
4-Methyl-2-pentanone	100	97		1	97	60-140	05/07/2013 0827
Methylene chloride	50	45		1	90	70-130	05/07/2013 0827
Styrene	50	53		1	106	70-130	05/07/2013 0827
1,1,2,2-Tetrachloroethane	50	47		1	94	60-140	05/07/2013 0827
1,1,1,2-Tetrachloroethane	50	47		1	95	70-130	05/07/2013 0827
Tetrachloroethene	50	51		1	101	70-130	05/07/2013 0827
Tetrahydrofuran	50	47		1	94	70-130	05/07/2013 0827
Toluene	50	51		1	101	70-130	05/07/2013 0827
1,1,2-Trichloroethane	50	48		1	95	70-130	05/07/2013 0827
1,1,1-Trichloroethane	50	50		1	99	70-130	05/07/2013 0827
Trichloroethene	50	47		1	94	70-130	05/07/2013 0827
Trichlorofluoromethane	50	48		1	97	70-130	05/07/2013 0827

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: OQ19928-002
Batch: 19928
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	45		1	90	70-130	05/07/2013 0827
Vinyl acetate	50	52		1	104	60-140	05/07/2013 0827
Vinyl chloride	50	50		1	101	70-130	05/07/2013 0827
Xylenes (total)	100	100		1	104	70-130	05/07/2013 0827

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		104	70-130
1,2-Dichloroethane-d4		89	70-130
Toluene-d8		106	70-130

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

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

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

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ19928-003
Batch: 19928
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100		1	103	3.8	70-130	20	05/07/2013 0852
Acrylonitrile	100	92		1	92	0.049	70-130	20	05/07/2013 0852
Benzene	50	46		1	93	0.84	70-130	20	05/07/2013 0852
Bromochloromethane	50	47		1	93	2.5	70-130	20	05/07/2013 0852
Bromodichloromethane	50	47		1	95	0.70	70-130	20	05/07/2013 0852
Bromoform	50	45		1	89	0.74	70-130	20	05/07/2013 0852
Bromomethane (Methyl bromide)	50	47		1	93	0.73	60-140	20	05/07/2013 0852
2-Butanone (MEK)	100	100		1	104	0.064	60-140	20	05/07/2013 0852
Carbon disulfide	50	49		1	98	0.67	60-140	20	05/07/2013 0852
Carbon tetrachloride	50	46		1	92	1.3	70-130	20	05/07/2013 0852
Chlorobenzene	50	46		1	93	1.1	70-130	20	05/07/2013 0852
Chloroethane	50	45		1	91	0.16	42-163	20	05/07/2013 0852
Chloroform	50	46		1	91	2.6	70-130	20	05/07/2013 0852
Chloromethane (Methyl chloride)	50	48		1	96	3.2	70-130	20	05/07/2013 0852
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	97	5.8	70-130	20	05/07/2013 0852
Dibromochloromethane	50	48		1	97	1.6	70-130	20	05/07/2013 0852
1,2-Dibromoethane (EDB)	50	48		1	96	0.44	70-130	20	05/07/2013 0852
Dibromomethane (Methylene bromide)	50	46		1	93	1.1	70-130	20	05/07/2013 0852
trans-1,4-Dichloro-2-butene	50	51		1	102	0.59	34-142	20	05/07/2013 0852
1,4-Dichlorobenzene	50	45		1	91	4.7	70-130	20	05/07/2013 0852
1,2-Dichlorobenzene	50	46		1	92	3.2	70-130	20	05/07/2013 0852
1,2-Dichloroethane	50	46		1	92	2.1	70-130	20	05/07/2013 0852
1,1-Dichloroethane	50	47		1	93	2.5	70-130	20	05/07/2013 0852
trans-1,2-Dichloroethene	50	48		1	95	2.1	70-130	20	05/07/2013 0852
cis-1,2-Dichloroethene	50	47		1	95	1.5	70-130	20	05/07/2013 0852
1,1-Dichloroethene	50	49		1	97	0.21	70-130	20	05/07/2013 0852
1,2-Dichloropropane	50	46		1	92	0.024	70-130	20	05/07/2013 0852
trans-1,3-Dichloropropene	50	45		1	90	0.54	70-130	20	05/07/2013 0852
cis-1,3-Dichloropropene	50	45		1	89	1.3	70-130	20	05/07/2013 0852
Ethylbenzene	50	52		1	104	2.1	70-130	20	05/07/2013 0852
2-Hexanone	100	89		1	89	1.9	60-140	20	05/07/2013 0852
Methyl iodide (Iodomethane)	50	45		1	91	1.3	70-130	20	05/07/2013 0852
4-Methyl-2-pentanone	100	96		1	96	1.0	60-140	20	05/07/2013 0852
Methylene chloride	50	46		1	91	1.8	70-130	20	05/07/2013 0852
Styrene	50	53		1	106	0.19	70-130	20	05/07/2013 0852
1,1,2,2-Tetrachloroethane	50	49		1	97	3.4	60-140	20	05/07/2013 0852
1,1,1,2-Tetrachloroethane	50	49		1	98	3.0	70-130	20	05/07/2013 0852
Tetrachloroethene	50	52		1	104	2.4	70-130	20	05/07/2013 0852
Tetrahydrofuran	50	48		1	97	2.8	70-130	20	05/07/2013 0852
Toluene	50	50		1	100	0.63	70-130	20	05/07/2013 0852
1,1,2-Trichloroethane	50	48		1	96	0.37	70-130	20	05/07/2013 0852
1,1,1-Trichloroethane	50	50		1	101	1.5	70-130	20	05/07/2013 0852
Trichloroethene	50	47		1	94	0.44	70-130	20	05/07/2013 0852
Trichlorofluoromethane	50	48		1	97	0.19	70-130	20	05/07/2013 0852

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: OQ19928-003
Batch: 19928
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,2,3-Trichloropropane	50	47		1	94	4.1	70-130	20	05/07/2013 0852
Vinyl acetate	50	52		1	104	0.22	60-140	20	05/07/2013 0852
Vinyl chloride	50	50		1	100	0.73	70-130	20	05/07/2013 0852
Xylenes (total)	100	110		1	106	2.1	70-130	20	05/07/2013 0852

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		102	70-130
1,2-Dichloroethane-d4		89	70-130
Toluene-d8		105	70-130

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

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

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

Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: OD26060-004DU
Batch: 19928
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Result (ug/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Acetone	ND	ND		1	0.00	20	05/07/2013 1817
Acrylonitrile	ND	ND		1	0.00	20	05/07/2013 1817
Benzene	ND	ND		1	0.00	20	05/07/2013 1817
Bromochloromethane	ND	ND		1	0.00	20	05/07/2013 1817
Bromodichloromethane	ND	ND		1	0.00	20	05/07/2013 1817
Bromoform	ND	ND		1	0.00	20	05/07/2013 1817
Bromomethane (Methyl bromide)	ND	ND		1	0.00	20	05/07/2013 1817
2-Butanone (MEK)	ND	ND		1	0.00	20	05/07/2013 1817
Carbon disulfide	ND	ND		1	0.00	20	05/07/2013 1817
Carbon tetrachloride	ND	ND		1	0.00	20	05/07/2013 1817
Chlorobenzene	ND	ND		1	0.00	20	05/07/2013 1817
Chloroethane	ND	ND		1	0.00	20	05/07/2013 1817
Chloroform	ND	ND		1	0.00	20	05/07/2013 1817
Chloromethane (Methyl chloride)	ND	ND		1	0.00	20	05/07/2013 1817
1,2-Dibromo-3-chloropropane (DBCP)	ND	ND		1	0.00	20	05/07/2013 1817
Dibromochloromethane	ND	ND		1	0.00	20	05/07/2013 1817
1,2-Dibromoethane (EDB)	ND	ND		1	0.00	20	05/07/2013 1817
Dibromomethane (Methylene bromide)	ND	ND		1	0.00	20	05/07/2013 1817
trans-1,4-Dichloro-2-butene	ND	ND		1	0.00	20	05/07/2013 1817
1,2-Dichlorobenzene	ND	ND		1	0.00	20	05/07/2013 1817
1,4-Dichlorobenzene	ND	ND		1	0.00	20	05/07/2013 1817
1,1-Dichloroethane	ND	ND		1	0.00	20	05/07/2013 1817
1,2-Dichloroethane	ND	ND		1	0.00	20	05/07/2013 1817
1,1-Dichloroethene	ND	ND		1	0.00	20	05/07/2013 1817
cis-1,2-Dichloroethene	ND	ND		1	0.00	20	05/07/2013 1817
trans-1,2-Dichloroethene	ND	ND		1	0.00	20	05/07/2013 1817
1,2-Dichloropropane	ND	ND		1	0.00	20	05/07/2013 1817
cis-1,3-Dichloropropene	ND	ND		1	0.00	20	05/07/2013 1817
trans-1,3-Dichloropropene	ND	ND		1	0.00	20	05/07/2013 1817
Ethylbenzene	ND	ND		1	0.00	20	05/07/2013 1817
2-Hexanone	ND	ND		1	0.00	20	05/07/2013 1817
Methyl iodide (Iodomethane)	ND	ND		1	0.00	20	05/07/2013 1817
4-Methyl-2-pentanone	ND	ND		1	0.00	20	05/07/2013 1817
Methylene chloride	ND	ND		1	0.00	20	05/07/2013 1817
Styrene	ND	ND		1	0.00	20	05/07/2013 1817
1,1,1,2-Tetrachloroethane	ND	ND		1	0.00	20	05/07/2013 1817
1,1,2,2-Tetrachloroethane	ND	ND		1	0.00	20	05/07/2013 1817
Tetrachloroethene	ND	ND		1	0.00	20	05/07/2013 1817
Tetrahydrofuran	ND	ND		1	0.00	20	05/07/2013 1817
Toluene	ND	ND		1	0.00	20	05/07/2013 1817
1,1,1-Trichloroethane	ND	ND		1	0.00	20	05/07/2013 1817
1,1,2-Trichloroethane	ND	ND		1	0.00	20	05/07/2013 1817
Trichloroethene	ND	ND		1	0.00	20	05/07/2013 1817
Trichlorofluoromethane	ND	ND		1	0.00	20	05/07/2013 1817

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

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

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

Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: OD26060-004DU
Batch: 19928
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Result (ug/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
1,2,3-Trichloropropane	ND	ND		1	0.00	20	05/07/2013 1817
Vinyl acetate	ND	ND		1	0.00	20	05/07/2013 1817
Vinyl chloride	ND	ND		1	0.00	20	05/07/2013 1817
Xylenes (total)	ND	ND		1	0.00	20	05/07/2013 1817

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		102	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: OD26060-005MS
Batch: 19928
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	ND	100	110		1	108	60-140	05/07/2013 1841
Acrylonitrile	ND	100	97		1	97	70-122	05/07/2013 1841
Benzene	ND	50	52		1	104	72-127	05/07/2013 1841
Bromochloromethane	ND	50	51		1	102	70-130	05/07/2013 1841
Bromodichloromethane	ND	50	52		1	104	71-143	05/07/2013 1841
Bromoform	ND	50	47		1	93	65-131	05/07/2013 1841
Bromomethane (Methyl bromide)	ND	50	48		1	95	36-168	05/07/2013 1841
2-Butanone (MEK)	ND	100	110		1	106	60-140	05/07/2013 1841
Carbon disulfide	ND	50	57		1	113	60-140	05/07/2013 1841
Carbon tetrachloride	ND	50	52		1	105	37-166	05/07/2013 1841
Chlorobenzene	ND	50	50		1	99	78-129	05/07/2013 1841
Chloroethane	ND	50	53		1	105	60-140	05/07/2013 1841
Chloroform	ND	50	51		1	101	63-123	05/07/2013 1841
Chloromethane (Methyl chloride)	ND	50	50		1	99	20-158	05/07/2013 1841
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	48		1	97	70-130	05/07/2013 1841
Dibromochloromethane	ND	50	51		1	102	74-134	05/07/2013 1841
1,2-Dibromoethane (EDB)	ND	50	50		1	99	70-130	05/07/2013 1841
Dibromomethane (Methylene bromide)	ND	50	50		1	101	70-130	05/07/2013 1841
trans-1,4-Dichloro-2-butene	ND	50	46		1	92	34-142	05/07/2013 1841
1,2-Dichlorobenzene	ND	50	49		1	99	70-130	05/07/2013 1841
1,4-Dichlorobenzene	ND	50	47		1	94	70-130	05/07/2013 1841
1,1-Dichloroethane	ND	50	51		1	103	69-132	05/07/2013 1841
1,2-Dichloroethane	ND	50	51		1	101	59-143	05/07/2013 1841
1,1-Dichloroethene	ND	50	56		1	112	50-132	05/07/2013 1841
cis-1,2-Dichloroethene	ND	50	52		1	104	70-130	05/07/2013 1841
trans-1,2-Dichloroethene	ND	50	53		1	106	67-141	05/07/2013 1841
1,2-Dichloropropane	ND	50	51		1	101	71-126	05/07/2013 1841
cis-1,3-Dichloropropene	ND	50	47		1	94	69-130	05/07/2013 1841
trans-1,3-Dichloropropene	ND	50	46		1	93	73-131	05/07/2013 1841
Ethylbenzene	ND	50	56		1	112	79-132	05/07/2013 1841
2-Hexanone	ND	100	90		1	90	60-140	05/07/2013 1841
Methyl iodide (Iodomethane)	ND	50	50		1	100	70-130	05/07/2013 1841
4-Methyl-2-pentanone	ND	100	100		1	102	60-140	05/07/2013 1841
Methylene chloride	ND	50	50		1	100	69-129	05/07/2013 1841
Styrene	ND	50	56		1	112	70-130	05/07/2013 1841
1,1,1,2-Tetrachloroethane	ND	50	52		1	105	70-130	05/07/2013 1841
1,1,2,2-Tetrachloroethane	ND	50	50		1	100	60-155	05/07/2013 1841
Tetrachloroethene	ND	50	57		1	113	70-130	05/07/2013 1841
Tetrahydrofuran	ND	50	51		1	101	70-130	05/07/2013 1841
Toluene	ND	50	56		1	111	75-125	05/07/2013 1841
1,1,1-Trichloroethane	ND	50	56		1	112	77-132	05/07/2013 1841
1,1,2-Trichloroethane	ND	50	50		1	101	77-132	05/07/2013 1841
Trichloroethene	ND	50	53		1	105	73-124	05/07/2013 1841
Trichlorofluoromethane	ND	50	56		1	111	41-173	05/07/2013 1841

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: OD26060-005MS
Batch: 19928
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	ND	50	47		1	95	70-130	05/07/2013 1841
Vinyl acetate	ND	50	53		1	105	60-140	05/07/2013 1841
Vinyl chloride	2.2	50	57		1	109	29-159	05/07/2013 1841
Xylenes (total)	ND	100	110		1	114	70-130	05/07/2013 1841

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		103	70-130
Toluene-d8		107	70-130

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

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

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

Appendix I Metals - MB

Sample ID: OQ19337-001
Batch: 19337
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/29/2013 1800

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Antimony	ND		1	0.010	mg/L	04/30/2013 0419
Arsenic	ND		1	0.010	mg/L	04/30/2013 0419
Barium	ND		1	0.025	mg/L	04/30/2013 0419
Beryllium	ND		1	0.0040	mg/L	04/30/2013 0419
Cadmium	ND		1	0.0020	mg/L	04/30/2013 0419
Chromium	ND		1	0.0050	mg/L	04/30/2013 0419
Cobalt	ND		1	0.025	mg/L	04/30/2013 0419
Copper	ND		1	0.0050	mg/L	04/30/2013 0419
Lead	ND		1	0.010	mg/L	04/30/2013 0419
Nickel	ND		1	0.040	mg/L	04/30/2013 0419
Selenium	ND		1	0.010	mg/L	04/30/2013 0419
Silver	ND		1	0.0050	mg/L	04/30/2013 0419
Vanadium	ND		1	0.050	mg/L	04/30/2013 0419
Zinc	ND		1	0.020	mg/L	04/30/2013 0419

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: OQ19337-002
Batch: 19337
Analytical Method: 6010C
Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/29/2013 1800

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	0.40	0.40		1	99	80-120	04/30/2013 0423
Arsenic	0.40	0.41		1	102	80-120	04/30/2013 0423
Barium	2.0	2.1		1	103	80-120	04/30/2013 0423
Beryllium	2.0	2.0		1	102	80-120	04/30/2013 0423
Cadmium	0.40	0.40		1	100	80-120	04/30/2013 0423
Chromium	2.0	2.0		1	100	80-120	04/30/2013 0423
Cobalt	2.0	2.1		1	103	80-120	04/30/2013 0423
Copper	2.0	2.0		1	100	80-120	04/30/2013 0423
Lead	0.40	0.41		1	102	80-120	04/30/2013 0423
Nickel	2.0	2.0		1	102	80-120	04/30/2013 0423
Selenium	0.40	0.43		1	108	80-120	04/30/2013 0423
Silver	0.40	0.40		1	99	80-120	04/30/2013 0423
Vanadium	2.0	2.0		1	101	80-120	04/30/2013 0423
Zinc	2.0	2.0		1	99	80-120	04/30/2013 0423

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
+ = 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: OQ19337-003
Batch: 19337
Analytical Method: 6010C
Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/29/2013 1800

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Antimony	0.40	0.39		1	98	1.8	80-120	20	04/30/2013 0427
Arsenic	0.40	0.40		1	101	1.3	80-120	20	04/30/2013 0427
Barium	2.0	2.0		1	101	1.9	80-120	20	04/30/2013 0427
Beryllium	2.0	2.0		1	101	1.4	80-120	20	04/30/2013 0427
Cadmium	0.40	0.39		1	99	1.8	80-120	20	04/30/2013 0427
Chromium	2.0	2.0		1	98	2.0	80-120	20	04/30/2013 0427
Cobalt	2.0	2.0		1	101	1.9	80-120	20	04/30/2013 0427
Copper	2.0	2.0		1	99	1.7	80-120	20	04/30/2013 0427
Lead	0.40	0.41		1	102	0.83	80-120	20	04/30/2013 0427
Nickel	2.0	2.0		1	100	1.4	80-120	20	04/30/2013 0427
Selenium	0.40	0.41		1	103	4.7	80-120	20	04/30/2013 0427
Silver	0.40	0.39		1	97	1.9	80-120	20	04/30/2013 0427
Vanadium	2.0	2.0		1	99	1.7	80-120	20	04/30/2013 0427
Zinc	2.0	1.9		1	97	1.6	80-120	20	04/30/2013 0427

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

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

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

Appendix I Metals - MS

Sample ID: OD26060-001MS
Batch: 19337
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/29/2013 1800

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	ND	0.40	0.38		1	96	75-125	04/30/2013 0439
Arsenic	0.012	0.40	0.42		1	103	75-125	04/30/2013 0439
Barium	0.12	2.0	2.1		1	99	75-125	04/30/2013 0439
Beryllium	ND	2.0	2.0		1	101	75-125	04/30/2013 0439
Cadmium	ND	0.40	0.40		1	100	75-125	04/30/2013 0439
Chromium	ND	2.0	2.0		1	98	75-125	04/30/2013 0439
Cobalt	ND	2.0	2.0		1	100	75-125	04/30/2013 0439
Copper	ND	2.0	2.0		1	102	75-125	04/30/2013 0439
Lead	ND	0.40	0.38		1	95	75-125	04/30/2013 0439
Nickel	ND	2.0	2.0		1	99	75-125	04/30/2013 0439
Selenium	ND	0.40	0.43		1	106	75-125	04/30/2013 0439
Silver	ND	0.40	0.39		1	99	75-125	04/30/2013 0439
Vanadium	ND	2.0	2.0		1	100	75-125	04/30/2013 0439
Zinc	ND	2.0	1.9		1	95	75-125	04/30/2013 0439

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: OQ19471-001
Batch: 19471
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 05/01/2013 1017

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.00010	mg/L	05/01/2013 1543

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: OQ19471-002
Batch: 19471
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 05/01/2013 1017

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0020		1	100	85-115	05/01/2013 1545

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: OQ19471-003
Batch: 19471
Analytical Method: 7470A
Matrix: Aqueous
Prep Method: 7470A
Prep Date: 05/01/2013 1017

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0021		1	104	4.9	85-115	20	05/01/2013 1548

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: OD26060-002MS
Batch: 19471
Analytical Method: 7470A
Matrix: Aqueous
Prep Method: 7470A
Prep Date: 05/01/2013 1017

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0021		1	107	85-115	05/01/2013 1635

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 critena
+ = 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: OD26060-002MD
Batch: 19471
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 05/01/2013 1017

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	0.0021		1	104	1.9	85-115	20	05/01/2013 1638

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: OD26060-003MS
Batch: 19471
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 05/01/2013 1017

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0022		1	111	85-115	05/01/2013 1648

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 Environmental Services, Inc.
Document Number: F-AE-010
Revision Number: 11

Page 1 of 1
Replaces Date: 01/28/13
Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: Eaglet - Pee Cooler Inspected by/date: [illegible] 4/26/13 Lot #: [illegible]

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

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

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

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

Yes ☐ No ☐ NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐ No ☐ NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑ No ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☐ No ☐ NA ☑	5a Were samples relinquished by client to commercial courier?
Yes ☑ No ☐	6. Were sample IDs listed?
Yes ☑ No ☐	7. Was collection date & time listed?
Yes ☑ No ☐	8. Were tests to be performed listed on the COC?
Yes ☑ No ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑ No ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑ No ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑ No ☐	12. Was adequate sample volume available?
Yes ☑ No ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐ No ☑	14. Were any samples containers missing?
Yes ☐ No ☑	15. Were there any excess samples not listed on COC?
Yes ☐ No ☑ NA ☐	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☑ No ☐ NA ☐	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐ No ☐ NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐ No ☐ NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol (<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: [illegible] Date: 4/26/13

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐
SESI employee: _____ Date of response: _____
Comments: _____

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 21206

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Sampler (Printed Name): T. Bolyard	Quote No.
Address: 2646 Farmlake Ln	Telephone No. / Fax No. / Email: 803-547-4955	Waybill No.	Page: 1 of 1
City: Ft. Mill; State: SC; Zip Code: 29708	Preservative: 1. Unpres. 4. HNO3 7. NaOH; 2. NaOH/ZnA 5. HCL; 3. H2SO4 6. Na Thio.		
Project Name: NMLF			
Project Number: EP-1217	P.O Number		

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	G=Grab C=Composite	Matrix: GW	DW	WW	S	Other	Analysis: App I VOCs + THF	App I VOCs + THF	App I Metals + Hg	Alkalinity; TDS; Chloride; Sulfate										Number of Containers	Bottle (See Instructions on back)	Preservative	Lot No.	Remarks / Cooler ID
									3	2	1	1														
									A	A	D	F														
									5	5	4	1														
MW-1	4/25/13	13:30	G	X					✓		✓	✓														Use lower level
MW-4	"	14:00	G	X					✓		✓	✓														NCDENR Solid Waste
MW-5	"	14:30	G	X					✓		✓	✓														Detection Limits;
MW-6	"	15:00	G	X					✓		✓	✓														Also - Send EDD
MW-10	"	15:30	G	X					✓		✓	✓														version
MW-11	"	16:00	G	X					✓		✓	✓														
Field Blank	"	14:15	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: 4/26/13	Time: 0915	1. Received by: D. Pickard	Date: 4-26-13	Time: 0915
2. Relinquished by: D. Pickard	Date: 4-26-13	Time: 1540	2. Received by	Date	Time
3. Relinquished by	Date	Time	3. Received by	Date	Time
4. Relinquished by	Date	Time	4. Laboratory Received by:	Date: 4/26/13	Time: 1540

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

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

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: North Meck. Landfill, LLC
LOCATION: Huntersville, NC
PROJECT NAME/DESCRIPTION: NMLF
DATE OF WATER LEVEL MEASUREMENTS: 4-25-13

DEVELOP:
PURGING: ✓
SAMPLING: ✓

PROJECT NO.: EP-1217
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	4-25-13	13:30	25	—	13.78		11.22	1.83	5.49				
	MW-4	"	14:00	42		37.57		4.43	.72	2.1				
	MW-5	"	14:30	29		20.45		8.55	1.39	4.1				
	MW-6	"	15:00	67		57.10		9.9	1.6	4.8				
	MW-10	"	15:30	24		17.15		6.85	1.11	3.4				
	MW-11	"	16:00	73		49.40		23.6	3.84	11.5				
	Field Blank	"	14:15	—										

Comments

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

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

e.g., after each well volume)