May 15, 2014

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

Subject: Semi-Annual Groundwater Sampling Report (29)
Highway 49 C&D Landfill
Harrisburg, North Carolina
Project No. EP-1271

Dear Mr. Griffin:

In accordance with the Water Quality Monitoring Plan approved by the North Carolina DENR-Solid Waste Section as part of the Site Plan Application Report, Enviro-Pro, P.C. (EP) personnel have completed the first semi-annual 2014 sampling event for the subject site.

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

Sincerely,
ENVIRO-PRO, P.C.

Thomas H. Bolyard

Thomas H. Bolyard, P.G.
Senior Hydrogeologist

cc: Ellie Allen

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

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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Enviro-Pro, P.C.

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

Name: 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)
Highway 49 C&D Landfill	2105 Speedrail Court, Harrisburg, NC	13.06	.0500	April 3, 2014

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Thomas H. Bolyard, P.G.	Senior Hydrogeologist	(803) 547-4955
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Thomas H. Bolyard	5/15/14	Affix NC Licensed/ Professional Geologist/Engineer Seal here:
Signature	Date	

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Revised 01/2007

MONITORING REPORT (29)

Highway 49 C&D Landfill
Harrisburg, North Carolina

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

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

Project Number EP-1271

May 15, 2014

NORTH CAROLINA LICENSED 492 GEOLOGIST THOMAS H. BOLYARD

Background Information:

The first 2013 semi-annual sampling results for this landfill facility conducted on April 22, 2013 indicated the presence of the volatile organic compound (VOC) vinyl chloride above its 2L Standard in two of the four existing monitor wells. As a result of these findings, the North Carolina DENR Solid Waste Section requested the submission of a Proposed Assessment Monitoring Work Plan. Enviro-Pro, PC (EP) prepared and submitted this Plan on August 5, 2013. It was approved without revisions by DENR on August 15, 2013.

In order to implement the Assessment Work Plan, Environmental Drilling & Probing Services, LLC (EDPS) was contracted to install Type II monitor well MW-56A, and Type III bedrock monitor wells MW-56D and MW-57D in October 2013. An EP Licensed Geologist supervised the installation of the additional groundwater monitor wells. Subsequent sampling events on October 21st and November 19th confirmed the presence of VOCs in some of the wells.

Field Sampling Activities:

On April 3, 2014, EP personnel collected groundwater samples from existing on-site perimeter monitor wells MW-21, MW-55, MW-56, MW-56A, MW-56D, MW-57, MW-57D, and Coddle Creek surface water samples SW-1 and SW-2. The approximate positions of these sampling locations 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 Shealy Environmental Services, Inc., a North Carolina-certified laboratory in West Columbia, South 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. A laboratory supplied trip blank was also analyzed for VOCs. All well samples were analyzed for Appendix I VOCs, Appendix I metals with mercury, and alkalinity, chloride, sulfate, and total dissolved solids (TDS). 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 all seven of the monitor wells since the previous sampling event on October 21, 2013.

Laboratory Test Results

In accordance with regulatory requirements, the seven monitor well samples and the two surface water samples were analyzed for Appendix II metals and volatile organic compounds (VOCs) by Shealy Environmental Services. In addition, groundwater samples were analyzed for Appendix II SVOCs, CN, sulfide, pesticides, herbicides, and PCBs. 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 low concentrations of the metal barium in all the monitor wells and surface water samples. Low concentrations of the metals arsenic, beryllium, chromium, cobalt, copper, lead, nickel, selenium, thallium, vanadium, and zinc were detected in at least one of the wells sampled. Mercury was detected in one of the surface water samples below its 2L Standard. Beryllium, cobalt, thallium, and vanadium currently have no established 2L Standards. The levels identified for these metals are representative of those naturally occurring in the bedrock, soil, and groundwater in this area. The remainder of the metals detected in the wells sampled were below their respective 2L Standards.

Laboratory test results from the April 3, 2014 sampling event indicate that benzene was detected in monitor well MW-56 above its 2L Standard. Vinyl Chloride was detected in wells MW-56, MW-57, and MW-57D and in surface water sample SW-2 at concentrations above its 2L Standard. The VOC compound cis-1,2-dichloroethene was detected in well MW-56 below its 2L Standard. The SVOC bis(2-ethylhexyl) phthalate was detected in up gradient well MW-21 above its 2L Standard. One herbicide (Dinoseb) was detected in monitor wells MW-57 and MW-57D. No 2L Standard has been established for this compound. No other Appendix II VOC's, SVOCs, metals, herbicides, or pesticides were detected above their respective analytical limits in the monitor wells, surface water samples, or trip blank.

Recommendations

Additional assessment activities will be conducted if the North Carolina DENR recommends further delineation of the extent of the horizontal and vertical extent of the groundwater contaminant plume associated with this active landfill facility. Coddle Creek appears to be the only potential receptor that may be impacted by contaminated groundwater, and upstream and downstream stream sampling indicate minimal VOCs present.

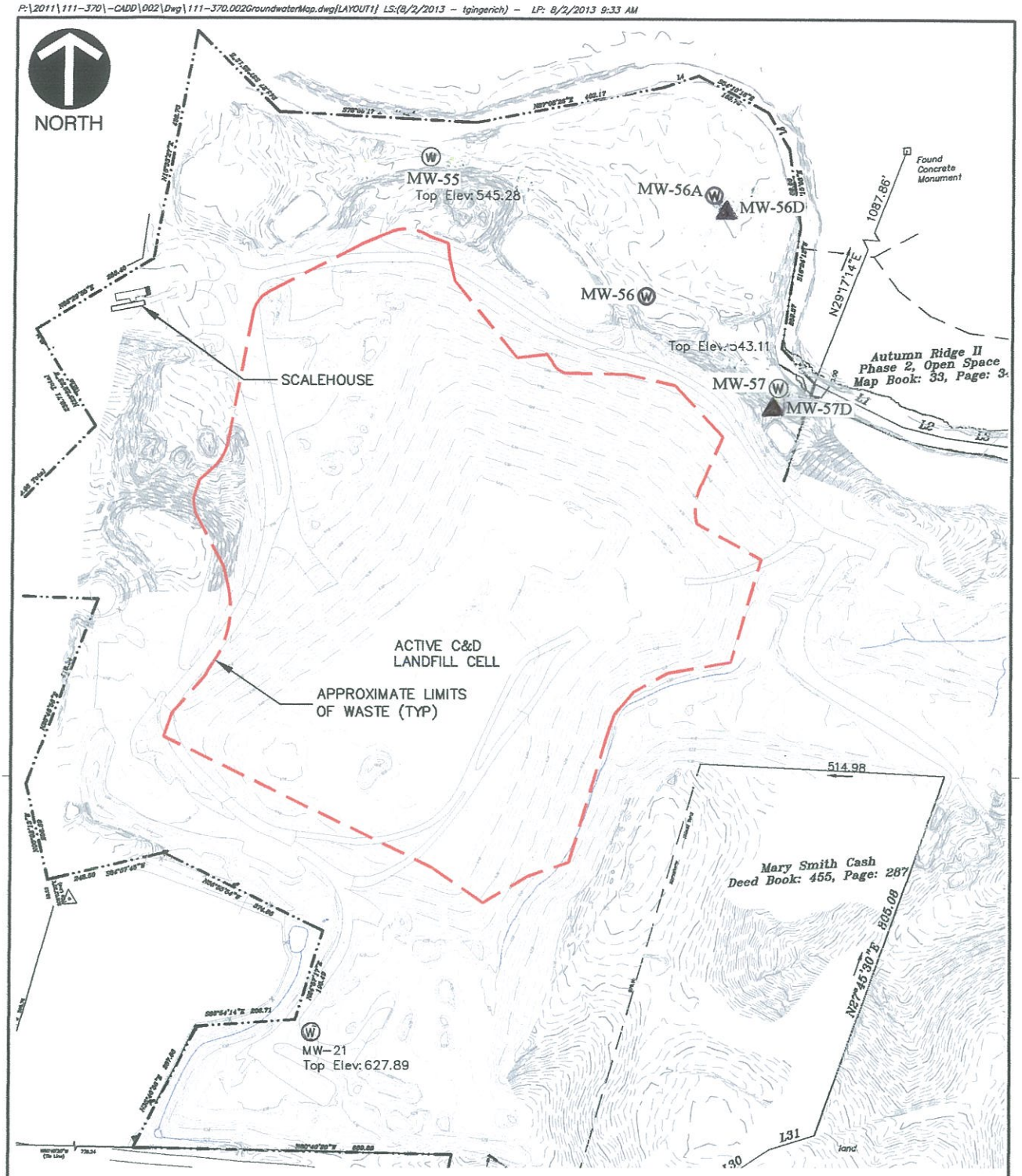
The next sampling event for the Highway 49 C&D Landfill site is scheduled for October 2014.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
Highway 49 C&D Landfill
Harrisburg, North Carolina
April 3, 2014

Analytical Method	8260B	8260B	8260B	8151A	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Contaminant of Concern → / Sample ID	Benzene	Cis-1,2-Dichloroethene	Vinyl Chloride	Dinoseb	bis(2-ethylhexyl)phthalate	Barium	Cobalt	Zinc	Copper	Nickel	Vanadium	Selenium	Beryllium	Thallium	Arsenic	Chromium	Lead	Mercury
MW-21	BDL	BDL	BDL	BDL	**25**	0.12	**0.0066**	0.061	0.0033	BDL	BDL	BDL	BDL	0.00057	BDL	BDL	BDL	BDL
MW-55	BDL	BDL	BDL	BDL	BDL	0.21	**0.0091**	0.086	0.010	0.028	**0.014**	BDL	BDL	0.00054	BDL	BDL	BDL	BDL
MW-56	**2.1**	8.0	**26**	BDL	BDL	0.130	**0.033**	0.071	0.004	BDL	**0.034**	BDL	BDL	0.0013	BDL	BDL	BDL	BDL
MW-56A	BDL	BDL	BDL	BDL	BDL	0.037	BDL	0.018	0.002	BDL	BDL	BDL	BDL	0.00052	0.001	BDL	BDL	BDL
MW-56D	BDL	BDL	BDL	BDL	BDL	0.030	BDL	0.015	0.0011	BDL	BDL	0.001	BDL	0.00051	BDL	BDL	BDL	BDL
MW-57	BDL	BDL	**16**	0.0032	BDL	0.38	**0.023**	0.2	0.016	0.021	0.0510	BDL	0.00046	0.00056	BDL	0.013	0.006	BDL
MW-57D	BDL	BDL	**3.3**	0.0031	BDL	0.17	BDL	0.069	0.0057	0.076	0.0058	0.0034	BDL	0.00054	BDL	BDL	BDL	BDL
SW-1	BDL	BDL	BDL	BDL	BDL	0.046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.00013
SW-2	BDL	BDL	**1.0**	BDL	BDL	0.05	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	BDL	BDL	BDL	BDL	BDL
2L Standard	**1**	**70**	**0.03**	**NE**	**3**	**0.7**	**NE**	**1**	**1**	**0.1**	**NE**	**0.02**	**NE**	**NE**	**0.01**	**0.01**	**0.015**	**0.001**

Notes: All metals/Inorganic compounds are presented in milligrams per liter (mg/l)
BDL = Below detection limit
All VOCs are presented in micrograms per liter (ug/l)
NE = None Established
Shaded areas represents parameters over the 2L Standard

P:\2011\111-370\-CADD\002\Dwg\111-370.002GroundwaterMap.dwg{LAYOUT1} LS:(8/2/2013 - tgingerich) - LP: 8/2/2013 9:33 AM



LEGEND

- APPROXIMATE LIMITS OF WASTE
- BOUNDARY
- EXISTING CREEK
- Type II Monitor Well
- Type IIIMonitor Well

REFERENCE

1. 2013 TOPOGRAPHIC INFORMATION PROVIDED BY PATTERSON LAND SURVEYING, PA – DATE OF AERIAL PHOTOGRAPHY JUNE 1, 2013
2. EXISTING TOPOGRAPHIC CONTOUR INFORMATION PROVIDED BY INDEPENDENT MAPPING CONSULTANTS – FEBRUARY 7, 2008
3. EXISTING AND PROPOSED WELL LOCATIONS PROVIDED BY PATTERSON LAND SURVEYING AND TOM BOLYARD, P.G. FROM ENVIRO-PRO, P.C.

SCALE IN FEET

0 200 400

Map Modified By Enviro-Pro, PC on February 26, 2014

ENVIRO-PRO PROFESSIONAL CORPORATION

CLIENT NAME
GREENWAY WASTE SOLUTIONS OF HARRISBURG, LLC
HARRISBURG, NC

PHASE 1
MONITORING WELL LOCATION

DRAWN BY:	CHECKED BY:	APPROVED BY:	FIGURE NO.:
DATE: AUG. 2013	DWG SCALE:	PROJECT NO:	1

APPENDIX A

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

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

Project Name: **Hwy 49 C & D**

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

Lot Number: **PD04116**

Date Completed: **04/17/2014**

Nisreen Saikaly
Project Manager

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

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

Case Narrative
Enviro-Pro, P.C.
Lot Number: PD04116

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.

Herbicides

The surrogate recovery for sample -005 was outside the acceptance limit. The sample was re-extracted and re-analyzed outside the holding time. All runs are reported.

The sample results associated with a P qualifier have a relative percent difference (RPD) between the two dissimilar phase GC columns which exceeds 40%. In accordance with Section 7.10.4 of SW-846 method 8000B, the higher of the two results is reported. Due to disparity of the two results, it is likely that the reported results are biased high, or maybe a false positive.

PCB/Pesticides

The surrogate recovery for samples -005 and -007 was outside acceptance limits. As per SOP requirements, only one of the surrogates has to be within acceptance limits. The sample results are reported and no corrective action is required.

The MS/MSD recoveries in batch 44147 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Cyanide

The MS/MSD recoveries in batch 44475 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Semivolatile Organic Compounds

The LCS recovery for 3,3'-Dimethylbenzidine was slightly outside method control limits in batch 44174. As per method, it is statistically likely that a few analytes will be outside control limits; up to five analytes may marginally exceed the control limits. Therefore the associated sample results were reported and no corrective action was required.

The MS/MSD recoveries in batch 44174 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Mercury

The MS/MSD recoveries in batch 44554 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Sample Summary
Enviro-Pro, P.C.
Lot Number: PD04116

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-21	Aqueous	04/03/2014 0800	04/04/2014
002	MW-55	Aqueous	04/03/2014 0830	04/04/2014
003	MW-56	Aqueous	04/03/2014 0900	04/04/2014
004	MW-56A	Aqueous	04/03/2014 0930	04/04/2014
005	MW-56D	Aqueous	04/03/2014 1000	04/04/2014
006	MW-57	Aqueous	04/03/2014 1030	04/04/2014
007	MW-57D	Aqueous	04/03/2014 1100	04/04/2014
008	SW-1	Aqueous	04/03/2014 1115	04/04/2014
009	SW-2	Aqueous	04/03/2014 1130	04/04/2014
010	TRIP BLANK	Aqueous	04/03/2014	04/04/2014

(10 samples)

Executive Summary
Enviro-Pro, P.C.
Lot Number: PD04116

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-21	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	25		ug/L	10
001	MW-21	Aqueous	Barium	6020A	120		ug/L	15
001	MW-21	Aqueous	Cobalt	6020A	6.6		ug/L	15
001	MW-21	Aqueous	Copper	6020A	3.3		ug/L	15
001	MW-21	Aqueous	Thallium	6020A	0.57		ug/L	15
001	MW-21	Aqueous	Zinc	6020A	61		ug/L	15
002	MW-55	Aqueous	Barium	6020A	210		ug/L	26
002	MW-55	Aqueous	Cobalt	6020A	9.1		ug/L	26
002	MW-55	Aqueous	Copper	6020A	10		ug/L	26
002	MW-55	Aqueous	Nickel	6020A	28		ug/L	26
002	MW-55	Aqueous	Thallium	6020A	0.54		ug/L	26
002	MW-55	Aqueous	Vanadium	6020A	14		ug/L	26
002	MW-55	Aqueous	Zinc	6020A	86		ug/L	26
003	MW-56	Aqueous	Benzene	8260B	2.1		ug/L	29
003	MW-56	Aqueous	cis-1,2-Dichloroethene	8260B	8.0		ug/L	29
003	MW-56	Aqueous	Vinyl chloride	8260B	26		ug/L	30
003	MW-56	Aqueous	Barium	6020A	130		ug/L	37
003	MW-56	Aqueous	Cobalt	6020A	33		ug/L	37
003	MW-56	Aqueous	Copper	6020A	4.0		ug/L	37
003	MW-56	Aqueous	Thallium	6020A	1.3		ug/L	37
003	MW-56	Aqueous	Vanadium	6020A	34		ug/L	37
003	MW-56	Aqueous	Zinc	6020A	71		ug/L	37
004	MW-56A	Aqueous	Arsenic	6020A	1.0		ug/L	48
004	MW-56A	Aqueous	Barium	6020A	37		ug/L	48
004	MW-56A	Aqueous	Copper	6020A	2.0		ug/L	48
004	MW-56A	Aqueous	Thallium	6020A	0.52		ug/L	48
004	MW-56A	Aqueous	Zinc	6020A	18		ug/L	48
005	MW-56D	Aqueous	Barium	6020A	30		ug/L	59
005	MW-56D	Aqueous	Copper	6020A	1.1		ug/L	59
005	MW-56D	Aqueous	Selenium	6020A	1.0		ug/L	59
005	MW-56D	Aqueous	Thallium	6020A	0.51		ug/L	59
005	MW-56D	Aqueous	Zinc	6020A	15		ug/L	59
006	MW-57	Aqueous	Vinyl chloride	8260B	16		ug/L	63
006	MW-57	Aqueous	Dinoseb	8151A	3.2	P	ug/L	67
006	MW-57	Aqueous	Barium	6020A	600		ug/L	70
006	MW-57	Aqueous	Beryllium	6020A	0.46		ug/L	70
006	MW-57	Aqueous	Chromium	6020A	13		ug/L	70
006	MW-57	Aqueous	Cobalt	6020A	23		ug/L	70
006	MW-57	Aqueous	Copper	6020A	16		ug/L	70
006	MW-57	Aqueous	Lead	6020A	6.0		ug/L	70
006	MW-57	Aqueous	Nickel	6020A	21		ug/L	70
006	MW-57	Aqueous	Thallium	6020A	0.56		ug/L	70
006	MW-57	Aqueous	Vanadium	6020A	51		ug/L	70
006	MW-57	Aqueous	Zinc	6020A	200		ug/L	70
007	MW-57D	Aqueous	Vinyl chloride	8260B	3.3		ug/L	74

Executive Summary (Continued)

Lot Number: PD04116

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
007	MW-57D	Aqueous	Dinoseb	8151A	3.1		ug/L	78
007	MW-57D	Aqueous	Barium	6020A	170		ug/L	81
007	MW-57D	Aqueous	Copper	6020A	5.7		ug/L	81
007	MW-57D	Aqueous	Nickel	6020A	76		ug/L	81
007	MW-57D	Aqueous	Selenium	6020A	3.4		ug/L	81
007	MW-57D	Aqueous	Thallium	6020A	0.54		ug/L	81
007	MW-57D	Aqueous	Vanadium	6020A	5.8		ug/L	81
007	MW-57D	Aqueous	Zinc	6020A	69		ug/L	81
008	SW-1	Aqueous	Barium	6010C	0.046		mg/L	85
008	SW-1	Aqueous	Mercury	7470A	0.00013		mg/L	86
009	SW-2	Aqueous	Vinyl chloride	8260B	1.0		ug/L	88
009	SW-2	Aqueous	Barium	6010C	0.050		mg/L	89

(57 detections)

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/10/2014 2028	AKW	04/10/2014 1452	44475
1		(Sulfide) SM 4500-S2 F-2011	1	04/09/2014 1245	AKW		44376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide	57-12-5	SM 4500-CN	ND		0.010	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	mg/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1420	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	ug/L	1
Acrolein	107-02-8	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
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	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
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	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
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	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
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	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
Ethyl methacrylate	97-63-2	8260B	ND		5.0	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
Isobutyl alcohol	78-83-1	8260B	ND		50	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1420	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Methyl methacrylate	80-62-6	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
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	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
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		116	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		115	70-130

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1138	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1707	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	ug/L	2
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	ug/L	2
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	ug/L	1

PQL = Practical quantitation limit
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N = Recovery is out of criteria
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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1138	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1707	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	ug/L	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**25**		**5.0**	**ug/L**	**1**
Famphur	52-85-7	8270D	ND		5.0	ug/L	2
Fluoranthene	206-44-0	8270D	ND		1.0	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	ug/L	1
Kepone	143-50-0	8270D	ND		10	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	ug/L	1

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H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04116-001**
Description: **MW-21**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1138	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1707	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		99	41-144		89	41-144
2-Fluorobiphenyl		98	37-129		90	37-129
2-Fluorophenol		86	24-127		82	24-127
Nitrobenzene-d5		93	38-127		87	38-127
Phenol-d5		94	28-128		89	28-128
Terphenyl-d14		104	10-148		91	10-148

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/16/2014 1916	MPM	04/09/2014 1030	44353

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		90	62-117

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

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/09/2014 1828	JCG	04/07/2014 1243	44147

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.25	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.25	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.25	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.25	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.25	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		23	10-133
Tetrachloro-m-xylene		80	31-122

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
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H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/09/2014 1350	PMS	04/07/2014 1243	44146

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	ug/L	1
Chlordane	57-74-9	8081B	ND		0.25	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		30	10-122
Tetrachloro-m-xylene		77	46-119

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/11/2014 0235	BNW	04/10/2014 1213	44445
2	3005A	6020A	1	04/12/2014 0146	BNW	04/10/2014 1213	44445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	ug/L	1
Barium	**7440-39-3**	**6020A**	**120**		**5.0**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**6.6**		**5.0**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**3.3**		**1.0**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	ug/L	1
Nickel	7440-02-0	6020A	ND		5.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	ug/L	1
Thallium	**7440-28-0**	**6020A**	**0.57**		**0.50**	**ug/L**	**2**
Tin	7440-31-5	6020A	ND		5.0	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	ug/L	1
Zinc	**7440-66-6**	**6020A**	**61**		**10**	**ug/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/03/2014 0800**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1430	COH	04/11/2014 1001	44554

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/10/2014 2030	AKW	04/10/2014 1452	44475
1		(Sulfide) SM 4500-S2 F-2011	1	04/09/2014 1250	AKW		44376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide	57-12-5	SM 4500-CN	ND		0.010	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	mg/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1442	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	ug/L	1
Acrolein	107-02-8	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
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	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
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	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
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	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
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	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
Ethyl methacrylate	97-63-2	8260B	ND		5.0	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
Isobutyl alcohol	78-83-1	8260B	ND		50	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1442	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Methyl methacrylate	80-62-6	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
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	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
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		120	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		115	70-130

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1201	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1730	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	ug/L	2
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	ug/L	2
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	ug/L	1

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1201	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1730	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	ug/L	1
Famphur	52-85-7	8270D	ND		5.0	ug/L	2
Fluoranthene	206-44-0	8270D	ND		1.0	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	ug/L	1
Kepone	143-50-0	8270D	ND		10	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	ug/L	1

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1201	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1730	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		100	41-144		94	41-144
2-Fluorobiphenyl		100	37-129		98	37-129
2-Fluorophenol		94	24-127		97	24-127
Nitrobenzene-d5		97	38-127		97	38-127
Phenol-d5		99	28-128		101	28-128
Terphenyl-d14		94	10-148		89	10-148

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/16/2014 2025	MPM	04/09/2014 1030	44353

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		94	62-117

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

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/09/2014 1840	JCG	04/07/2014 1243	44147

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.25	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.25	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.25	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.25	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.25	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		29	10-133
Tetrachloro-m-xylene		78	31-122

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

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/09/2014 1405	PMS	04/07/2014 1243	44146

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	ug/L	1
Chlordane	57-74-9	8081B	ND		0.25	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		29	10-122
Tetrachloro-m-xylene		78	46-119

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/11/2014 0240	BNW	04/10/2014 1213	44445
2	3005A	6020A	1	04/12/2014 0152	BNW	04/10/2014 1213	44445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	ug/L	1
Barium	**7440-39-3**	**6020A**	**210**		**5.0**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**9.1**		**5.0**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**10**		**1.0**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	ug/L	1
Nickel	**7440-02-0**	**6020A**	**28**		**5.0**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	ug/L	1
Thallium	**7440-28-0**	**6020A**	**0.54**		**0.50**	**ug/L**	**2**
Tin	7440-31-5	6020A	ND		5.0	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**14**		**5.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**86**		**10**	**ug/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-55**
Date Sampled: **04/03/2014 0830**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1432	COH	04/11/2014 1001	44554

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/10/2014 2031	AKW	04/10/2014 1452	44475
1		(Sulfide) SM 4500-S2 F-2011	1	04/09/2014 1255	AKW		44376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide	57-12-5	SM 4500-CN	ND		0.010	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	mg/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1504	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	ug/L	1
Acrolein	107-02-8	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	**71-43-2**	**8260B**	**2.1**		**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
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	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
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	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
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	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**	**8.0**		**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
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	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
Ethyl methacrylate	97-63-2	8260B	ND		5.0	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
Isobutyl alcohol	78-83-1	8260B	ND		50	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1504	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Methyl methacrylate	80-62-6	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
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	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
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**	**26**		**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		121	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		116	70-130

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1311	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1754	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	ug/L	2
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	ug/L	2
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	ug/L	1

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1311	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1754	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	ug/L	1
Famphur	52-85-7	8270D	ND		5.0	ug/L	2
Fluoranthene	206-44-0	8270D	ND		1.0	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	ug/L	1
Kepone	143-50-0	8270D	ND		10	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	ug/L	1

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1311	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1754	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		104	41-144		96	41-144
2-Fluorobiphenyl		96	37-129		94	37-129
2-Fluorophenol		91	24-127		91	24-127
Nitrobenzene-d5		93	38-127		94	38-127
Phenol-d5		90	28-128		90	28-128
Terphenyl-d14		107	10-148		100	10-148

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/16/2014 2048	MPM	04/09/2014 1030	44353

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		96	62-117

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

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/09/2014 1851	JCG	04/07/2014 1243	44147

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.25	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.25	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.25	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.25	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.25	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		47	10-133
Tetrachloro-m-xylene		74	31-122

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

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/09/2014 1419	PMS	04/07/2014 1243	44146

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	ug/L	1
Chlordane	57-74-9	8081B	ND		0.25	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		48	10-122
Tetrachloro-m-xylene		71	46-119

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/11/2014 0244	BNW	04/10/2014 1213	44445
2	3005A	6020A	1	04/12/2014 0158	BNW	04/10/2014 1213	44445
3	3005A	6020A	5	04/12/2014 0239	BNW	04/10/2014 1213	44445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	ug/L	2
Arsenic	7440-38-2	6020A	ND		5.0	ug/L	3
Barium	**7440-39-3**	**6020A**	**130**		**5.0**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**33**		**5.0**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**4.0**		**1.0**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	ug/L	1
Nickel	7440-02-0	6020A	ND		5.0	ug/L	1
Selenium	7782-49-2	6020A	ND		5.0	ug/L	3
Silver	7440-22-4	6020A	ND		1.0	ug/L	1
Thallium	**7440-28-0**	**6020A**	**1.3**		**0.50**	**ug/L**	**1**
Tin	7440-31-5	6020A	ND		5.0	ug/L	2
Vanadium	**7440-62-2**	**6020A**	**34**		**5.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**71**		**10**	**ug/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/03/2014 0900**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1433	COH	04/11/2014 1001	44554

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/10/2014 2032	AKW	04/10/2014 1452	44475
1		(Sulfide) SM 4500-S2 F-2011	1	04/09/2014 1300	AKW		44376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide	57-12-5	SM 4500-CN	ND		0.010	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	mg/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1526	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	ug/L	1
Acrolein	107-02-8	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
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	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
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	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
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	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
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	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
Ethyl methacrylate	97-63-2	8260B	ND		5.0	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
Isobutyl alcohol	78-83-1	8260B	ND		50	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1526	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Methyl methacrylate	80-62-6	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
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	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
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		117	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		112	70-130

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1358	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1817	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	ug/L	2
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	ug/L	2
2,4-Dimethylphenol	105-67-9	8270D	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
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H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04116-004**
Description: **MW-56A**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1358	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1817	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	ug/L	1
Famphur	52-85-7	8270D	ND		5.0	ug/L	2
Fluoranthene	206-44-0	8270D	ND		1.0	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	ug/L	1
Kepone	143-50-0	8270D	ND		10	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	ug/L	1

PQL = Practical quantitation limit
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P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1358	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1817	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		82	41-144		70	41-144
2-Fluorobiphenyl		97	37-129		87	37-129
2-Fluorophenol		87	24-127		77	24-127
Nitrobenzene-d5		95	38-127		86	38-127
Phenol-d5		92	28-128		85	28-128
Terphenyl-d14		99	10-148		82	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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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
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/16/2014 2111	MPM	04/09/2014 1030	44353

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		88	62-117

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

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/09/2014 1902	JCG	04/07/2014 1243	44147

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.25	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.25	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.25	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.25	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.25	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		26	10-133
Tetrachloro-m-xylene		76	31-122

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

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/09/2014 1503	PMS	04/07/2014 1243	44146

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	ug/L	1
Chlordane	57-74-9	8081B	ND		0.25	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		24	10-122
Tetrachloro-m-xylene		73	46-119

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/11/2014 0249	BNW	04/10/2014 1213	44445
2	3005A	6020A	1	04/12/2014 0204	BNW	04/10/2014 1213	44445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	ug/L	2
Arsenic	**7440-38-2**	**6020A**	**1.0**		**1.0**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**37**		**5.0**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	ug/L	1
Cobalt	7440-48-4	6020A	ND		5.0	ug/L	1
Copper	**7440-50-8**	**6020A**	**2.0**		**1.0**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	ug/L	1
Nickel	7440-02-0	6020A	ND		5.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	ug/L	2
Silver	7440-22-4	6020A	ND		1.0	ug/L	1
Thallium	**7440-28-0**	**6020A**	**0.52**		**0.50**	**ug/L**	**2**
Tin	7440-31-5	6020A	ND		5.0	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	ug/L	1
Zinc	**7440-66-6**	**6020A**	**18**		**10**	**ug/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/03/2014 0930**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1435	COH	04/11/2014 1001	44554

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/10/2014 2033	AKW	04/10/2014 1452	44475
1		(Sulfide) SM 4500-S2 F-2011	1	04/09/2014 1310	AKW		44376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide	57-12-5	SM 4500-CN	ND		0.010	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	mg/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1548	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	ug/L	1
Acrolein	107-02-8	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
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	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
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	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
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	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
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	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
Ethyl methacrylate	97-63-2	8260B	ND		5.0	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
Isobutyl alcohol	78-83-1	8260B	ND		50	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1548	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Methyl methacrylate	80-62-6	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
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	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
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		119	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		112	70-130

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1422	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1841	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	ug/L	2
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	ug/L	2
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	ug/L	1

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1422	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1841	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	ug/L	1
Famphur	52-85-7	8270D	ND		5.0	ug/L	2
Fluoranthene	206-44-0	8270D	ND		1.0	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	ug/L	1
Kepone	143-50-0	8270D	ND		10	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	ug/L	1

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1422	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1841	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		96	41-144		89	41-144
2-Fluorobiphenyl		98	37-129		90	37-129
2-Fluorophenol		95	24-127		88	24-127
Nitrobenzene-d5		94	38-127		90	38-127
Phenol-d5		95	28-128		91	28-128
Terphenyl-d14		75	10-148		66	10-148

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	8151A	8151A	1	04/16/2014 2329	MPM	04/14/2014 1620	44735

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
2,4,5-T	93-76-5	8151A	ND	H	0.50	ug/L	2
2,4-D	94-75-7	8151A	ND	H	2.0	ug/L	2
Dinoseb	88-85-7	8151A	ND	H	1.0	ug/L	2
2,4,5-TP (Silvex)	93-72-1	8151A	ND	H	0.50	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
DCAA	H	99	62-117

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

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/09/2014 1937	JCG	04/07/2014 1243	44147

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.25	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.25	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.25	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.25	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.25	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	9.0	10-133
Tetrachloro-m-xylene		71	31-122

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

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/09/2014 1518	PMS	04/07/2014 1243	44146

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		0.025	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.025	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.025	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.025	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.025	ug/L	1
Chlordane	57-74-9	8081B	ND		0.25	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.025	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.025	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.025	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.025	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.025	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.025	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.025	ug/L	1
Endrin	72-20-8	8081B	ND		0.025	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.025	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.025	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.025	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.10	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	7.2	10-122
Tetrachloro-m-xylene		68	46-119

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
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/11/2014 0304	BNW	04/10/2014 1213	44445
2	3005A	6020A	1	04/12/2014 0210	BNW	04/10/2014 1213	44445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	ug/L	1
Barium	**7440-39-3**	**6020A**	**30**		**5.0**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	ug/L	1
Cobalt	7440-48-4	6020A	ND		5.0	ug/L	1
Copper	**7440-50-8**	**6020A**	**1.1**		**1.0**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	ug/L	1
Nickel	7440-02-0	6020A	ND		5.0	ug/L	1
Selenium	**7782-49-2**	**6020A**	**1.0**		**1.0**	**ug/L**	**1**
Silver	7440-22-4	6020A	ND		1.0	ug/L	1
Thallium	**7440-28-0**	**6020A**	**0.51**		**0.50**	**ug/L**	**2**
Tin	7440-31-5	6020A	ND		5.0	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	ug/L	1
Zinc	**7440-66-6**	**6020A**	**15**		**10**	**ug/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/03/2014 1000**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1437	COH	04/11/2014 1001	44554

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
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J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/10/2014 2034	AKW	04/10/2014 1452	44475
1		(Sulfide) SM 4500-S2 F-2011	1	04/09/2014 1320	AKW		44376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide	57-12-5	SM 4500-CN	ND		0.010	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	mg/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1610	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	ug/L	1
Acrolein	107-02-8	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
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	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
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	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
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	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
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	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
Ethyl methacrylate	97-63-2	8260B	ND		5.0	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
Isobutyl alcohol	78-83-1	8260B	ND		50	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1610	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Methyl methacrylate	80-62-6	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
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	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
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**	**16**		**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		119	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		113	70-130

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1445	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1904	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	ug/L	2
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	ug/L	2
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	ug/L	1

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1445	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1904	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	ug/L	1
Famphur	52-85-7	8270D	ND		5.0	ug/L	2
Fluoranthene	206-44-0	8270D	ND		1.0	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	ug/L	1
Kepone	143-50-0	8270D	ND		10	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	ug/L	1

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1445	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1904	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		98	41-144		95	41-144
2-Fluorobiphenyl		87	37-129		85	37-129
2-Fluorophenol		84	24-127		82	24-127
Nitrobenzene-d5		84	38-127		84	38-127
Phenol-d5		87	28-128		88	28-128
Terphenyl-d14		78	10-148		73	10-148

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/16/2014 2157	MPM	04/09/2014 1030	44353

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	ug/L	1
Dinoseb	**88-85-7**	**8151A**	**3.2**	**P**	**1.0**	**ug/L**	**1**
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		90	62-117

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

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/09/2014 1948	JCG	04/07/2014 1243	44147

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.25	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.25	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.25	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.25	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.25	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		20	10-133
Tetrachloro-m-xylene		73	31-122

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

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	10	04/09/2014 1533	PMS	04/07/2014 1243	44146

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		0.25	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.25	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.25	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.25	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.25	ug/L	1
Chlordane	57-74-9	8081B	ND		2.5	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.25	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.25	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.25	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.25	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.25	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.25	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.25	ug/L	1
Endrin	72-20-8	8081B	ND		0.25	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.25	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.25	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.25	ug/L	1
Methoxychlor	72-43-5	8081B	ND		1.0	ug/L	1
Toxaphene	8001-35-2	8081B	ND		2.5	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		23	10-122
Tetrachloro-m-xylene		109	46-119

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/11/2014 0309	BNW	04/10/2014 1213	44445
2	3005A	6020A	1	04/12/2014 0215	BNW	04/10/2014 1213	44445
3	3005A	6020A	5	04/12/2014 0245	BNW	04/10/2014 1213	44445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	ug/L	2
Arsenic	7440-38-2	6020A	ND		5.0	ug/L	3
Barium	**7440-39-3**	**6020A**	**600**		**5.0**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**0.46**		**0.40**	**ug/L**	**1**
Cadmium	7440-43-9	6020A	ND		0.10	ug/L	1
Chromium	**7440-47-3**	**6020A**	**13**		**5.0**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**23**		**5.0**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**16**		**1.0**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**6.0**		**1.0**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**21**		**5.0**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		5.0	ug/L	3
Silver	7440-22-4	6020A	ND		1.0	ug/L	1
Thallium	**7440-28-0**	**6020A**	**0.56**		**0.50**	**ug/L**	**2**
Tin	7440-31-5	6020A	ND		5.0	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**51**		**5.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**200**		**10**	**ug/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/03/2014 1030**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1443	COH	04/11/2014 1001	44554

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

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/10/2014 2037	AKW	04/10/2014 1452	44475
1		(Sulfide) SM 4500-S2 F-2011	1	04/09/2014 1330	AKW		44376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide	57-12-5	SM 4500-CN	ND		0.010	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	mg/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1631	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	ug/L	1
Acrolein	107-02-8	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
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	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
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	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
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	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
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	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
Ethyl methacrylate	97-63-2	8260B	ND		5.0	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
Isobutyl alcohol	78-83-1	8260B	ND		50	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1631	PMM2		44674

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Methyl methacrylate	80-62-6	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
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	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
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**	**3.3**		**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		122	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		115	70-130

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1509	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1927	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	ug/L	2
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	ug/L	2
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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E = Quantitation of compound exceeded the calibration range
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H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1509	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1927	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	ug/L	1
Famphur	52-85-7	8270D	ND		5.0	ug/L	2
Fluoranthene	206-44-0	8270D	ND		1.0	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	ug/L	1
Kepone	143-50-0	8270D	ND		10	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	ug/L	1

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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
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04116-007**
Description: **MW-57D**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/14/2014 1509	DRB1	04/07/2014 1810	44174
2	3520C	8270D	1	04/15/2014 1927	DRB1	04/07/2014 1810	44174

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		107	41-144		90	41-144
2-Fluorobiphenyl		95	37-129		82	37-129
2-Fluorophenol		95	24-127		83	24-127
Nitrobenzene-d5		94	38-127		83	38-127
Phenol-d5		96	28-128		84	28-128
Terphenyl-d14		71	10-148		58	10-148

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/16/2014 2220	MPM	04/09/2014 1030	44353

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	ug/L	1
Dinoseb	**88-85-7**	**8151A**	**3.1**		**1.0**	**ug/L**	**1**
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		91	62-117

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

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/09/2014 1959	JCG	04/07/2014 1243	44147

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.25	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.25	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.25	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.25	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.25	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	8.6	10-133
Tetrachloro-m-xylene		68	31-122

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

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	10	04/09/2014 1547	PMS	04/07/2014 1243	44146

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		0.25	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.25	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.25	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.25	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.25	ug/L	1
Chlordane	57-74-9	8081B	ND		2.5	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.25	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.25	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.25	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.25	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.25	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.25	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.25	ug/L	1
Endrin	72-20-8	8081B	ND		0.25	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.25	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.25	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.25	ug/L	1
Methoxychlor	72-43-5	8081B	ND		1.0	ug/L	1
Toxaphene	8001-35-2	8081B	ND		2.5	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	9.1	10-122
Tetrachloro-m-xylene		80	46-119

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/11/2014 0313	BNW	04/10/2014 1213	44445
2	3005A	6020A	1	04/12/2014 0221	BNW	04/10/2014 1213	44445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	ug/L	2
Arsenic	7440-38-2	6020A	ND		1.0	ug/L	1
Barium	**7440-39-3**	**6020A**	**170**		**5.0**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	ug/L	1
Cobalt	7440-48-4	6020A	ND		5.0	ug/L	1
Copper	**7440-50-8**	**6020A**	**5.7**		**1.0**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	ug/L	1
Nickel	**7440-02-0**	**6020A**	**76**		**5.0**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**3.4**		**1.0**	**ug/L**	**2**
Silver	7440-22-4	6020A	ND		1.0	ug/L	1
Thallium	**7440-28-0**	**6020A**	**0.54**		**0.50**	**ug/L**	**2**
Tin	7440-31-5	6020A	ND		5.0	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**5.8**		**5.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**69**		**10**	**ug/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/03/2014 1100**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1445	COH	04/11/2014 1001	44554

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **04/03/2014 1115**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1654	PMM2		44674

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **04/03/2014 1115**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1654	PMM2		44674

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		122	70-130
Bromofluorobenzene		109	70-130
Toluene-d8		115	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04116-008**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 1115**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/10/2014 0306	BNW	04/08/2014 1003	44238

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

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **SW-1**
Date Sampled: **04/03/2014 1115**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1452	COH	04/11/2014 1001	44554

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	**7439-97-6**	**7470A**	**0.00013**		**0.00010**	**mg/L**	**1**

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **04/03/2014 1130**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1716	PMM2		44674

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04116-009**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 1130**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2014 1716	PMM2		44674

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**	**1.0**		**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		123	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		116	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **04/03/2014 1130**
Date Received: **04/04/2014**

Laboratory ID: **PD04116-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/10/2014 0310	BNW	04/08/2014 1003	44238

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

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

CVAA

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04116-009**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **04/03/2014 1130**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/11/2014 1456	COH	04/11/2014 1001	44554

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **TRIP BLANK**
Date Sampled: **04/03/2014**
Date Received: **04/04/2014**
Laboratory ID: **PD04116-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/10/2014 1409	DCS		44483

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PD04116-010**
Description: **TRIP BLANK**
Matrix: **Aqueous**
Date Sampled: **04/03/2014**
Date Received: **04/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/10/2014 1409	DCS		44483

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		104	70-130

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

QC Summary

Inorganic non-metals - MB

Sample ID: PQ44376-001
Batch: 44376
Analytical Method: SM 4500-S2 F-2011

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Sulfide	ND		1	1.0	mg/L	04/09/2014 1233

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: PQ44376-002 **Matrix:** Aqueous
Batch: 44376
Analytical Method: SM 4500-S2 F-2011

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfide	10	10		1	104	80-120	04/09/2014 1240

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: PQ44376-003 **Matrix:** Aqueous
Batch: 44376
Analytical Method: SM 4500-S2 F-2011

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Sulfide	10	9.5		1	95	9.0	80-120	20	04/09/2014 1242

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: PQ44475-001
Batch: 44475
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/10/2014 1452

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Cyanide	ND		1	0.010	mg/L	04/10/2014 2015

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: PQ44475-002
Batch: 44475
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/10/2014 1452

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide	0.10	0.091		1	91	90-110	04/10/2014 2026

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: PD04116-001DU
Batch: 44475
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/10/2014 1452

Parameter	Sample Amount (mg/L)	Result (mg/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Cyanide	ND	ND		1	0.00	20	04/10/2014 2029

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: PD04116-007MS
Batch: 44475
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/10/2014 1452

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide	ND	0.10	0.092		1	92	90-110	04/10/2014 2038

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: PD04116-007MD
Batch: 44475
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/10/2014 1452

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Cyanide	ND	0.10	0.085	N	1	85	8.6	90-110	20	04/10/2014 2039

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: PQ44483-001
Batch: 44483
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	04/10/2014 1302
Acrylonitrile	ND		1	20	ug/L	04/10/2014 1302
Benzene	ND		1	1.0	ug/L	04/10/2014 1302
Bromochloromethane	ND		1	1.0	ug/L	04/10/2014 1302
Bromodichloromethane	ND		1	1.0	ug/L	04/10/2014 1302
Bromoform	ND		1	1.0	ug/L	04/10/2014 1302
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	04/10/2014 1302
2-Butanone (MEK)	ND		1	10	ug/L	04/10/2014 1302
Carbon disulfide	ND		1	1.0	ug/L	04/10/2014 1302
Carbon tetrachloride	ND		1	1.0	ug/L	04/10/2014 1302
Chlorobenzene	ND		1	1.0	ug/L	04/10/2014 1302
Chloroethane	ND		1	2.0	ug/L	04/10/2014 1302
Chloroform	ND		1	1.0	ug/L	04/10/2014 1302
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	04/10/2014 1302
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	04/10/2014 1302
Dibromochloromethane	ND		1	1.0	ug/L	04/10/2014 1302
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	04/10/2014 1302
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	04/10/2014 1302
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	04/10/2014 1302
1,4-Dichlorobenzene	ND		1	1.0	ug/L	04/10/2014 1302
1,2-Dichlorobenzene	ND		1	1.0	ug/L	04/10/2014 1302
1,2-Dichloroethane	ND		1	1.0	ug/L	04/10/2014 1302
1,1-Dichloroethane	ND		1	1.0	ug/L	04/10/2014 1302
1,1-Dichloroethene	ND		1	1.0	ug/L	04/10/2014 1302
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	04/10/2014 1302
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	04/10/2014 1302
1,2-Dichloropropane	ND		1	1.0	ug/L	04/10/2014 1302
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	04/10/2014 1302
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	04/10/2014 1302
Ethylbenzene	ND		1	1.0	ug/L	04/10/2014 1302
2-Hexanone	ND		1	10	ug/L	04/10/2014 1302
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	04/10/2014 1302
4-Methyl-2-pentanone	ND		1	10	ug/L	04/10/2014 1302
Methylene chloride	ND		1	1.0	ug/L	04/10/2014 1302
Styrene	ND		1	1.0	ug/L	04/10/2014 1302
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	04/10/2014 1302
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	04/10/2014 1302
Tetrachloroethene	ND		1	1.0	ug/L	04/10/2014 1302
Tetrahydrofuran	ND		1	5.0	ug/L	04/10/2014 1302
Toluene	ND		1	1.0	ug/L	04/10/2014 1302
1,1,1-Trichloroethane	ND		1	1.0	ug/L	04/10/2014 1302
1,1,2-Trichloroethane	ND		1	1.0	ug/L	04/10/2014 1302
Trichloroethene	ND		1	1.0	ug/L	04/10/2014 1302
Trichlorofluoromethane	ND		1	1.0	ug/L	04/10/2014 1302

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

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

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ44483-001
Batch: 44483
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,2,3-Trichloropropane	ND		1	1.0	ug/L	04/10/2014 1302
Vinyl acetate	ND		1	5.0	ug/L	04/10/2014 1302
Vinyl chloride	ND		1	1.0	ug/L	04/10/2014 1302
Xylenes (total)	ND		1	1.0	ug/L	04/10/2014 1302

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		99	70-130
1,2-Dichloroethane-d4		101	70-130
Toluene-d8		105	70-130

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

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

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44483-002
Batch: 44483
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	112	60-140	04/10/2014 1133
Acrylonitrile	100	94		1	94	70-130	04/10/2014 1133
Benzene	50	52		1	105	70-130	04/10/2014 1133
Bromochloromethane	50	52		1	103	70-130	04/10/2014 1133
Bromodichloromethane	50	52		1	105	70-130	04/10/2014 1133
Bromoform	50	44		1	88	70-130	04/10/2014 1133
Bromomethane (Methyl bromide)	50	50		1	101	60-140	04/10/2014 1133
2-Butanone (MEK)	100	97		1	97	60-140	04/10/2014 1133
Carbon disulfide	50	55		1	110	60-140	04/10/2014 1133
Carbon tetrachloride	50	52		1	105	70-130	04/10/2014 1133
Chlorobenzene	50	51		1	101	70-130	04/10/2014 1133
Chloroethane	50	54		1	108	42-163	04/10/2014 1133
Chloroform	50	51		1	102	70-130	04/10/2014 1133
Chloromethane (Methyl chloride)	50	53		1	106	60-140	04/10/2014 1133
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	99	70-130	04/10/2014 1133
Dibromochloromethane	50	52		1	104	70-130	04/10/2014 1133
1,2-Dibromoethane (EDB)	50	52		1	104	70-130	04/10/2014 1133
Dibromomethane (Methylene bromide)	50	52		1	104	70-130	04/10/2014 1133
trans-1,4-Dichloro-2-butene	50	42		1	83	34-142	04/10/2014 1133
1,4-Dichlorobenzene	50	51		1	103	70-130	04/10/2014 1133
1,2-Dichlorobenzene	50	51		1	103	70-130	04/10/2014 1133
1,2-Dichloroethane	50	52		1	104	70-130	04/10/2014 1133
1,1-Dichloroethane	50	51		1	102	70-130	04/10/2014 1133
1,1-Dichloroethene	50	53		1	107	70-130	04/10/2014 1133
cis-1,2-Dichloroethene	50	52		1	104	70-130	04/10/2014 1133
trans-1,2-Dichloroethene	50	51		1	102	70-130	04/10/2014 1133
1,2-Dichloropropane	50	52		1	104	70-130	04/10/2014 1133
trans-1,3-Dichloropropene	50	54		1	108	70-130	04/10/2014 1133
cis-1,3-Dichloropropene	50	54		1	108	70-130	04/10/2014 1133
Ethylbenzene	50	51		1	103	70-130	04/10/2014 1133
2-Hexanone	100	100		1	101	60-140	04/10/2014 1133
Methyl iodide (Iodomethane)	50	53		1	105	70-130	04/10/2014 1133
4-Methyl-2-pentanone	100	100		1	101	60-140	04/10/2014 1133
Methylene chloride	50	49		1	97	70-130	04/10/2014 1133
Styrene	50	53		1	105	70-130	04/10/2014 1133
1,1,1,2-Tetrachloroethane	50	51		1	102	70-130	04/10/2014 1133
1,1,2,2-Tetrachloroethane	50	51		1	102	60-140	04/10/2014 1133
Tetrachloroethene	50	51		1	102	70-130	04/10/2014 1133
Tetrahydrofuran	50	47		1	94	70-130	04/10/2014 1133
Toluene	50	50		1	101	70-130	04/10/2014 1133
1,1,1-Trichloroethane	50	50		1	101	70-130	04/10/2014 1133
1,1,2-Trichloroethane	50	50		1	100	70-130	04/10/2014 1133
Trichloroethene	50	51		1	101	70-130	04/10/2014 1133
Trichlorofluoromethane	50	48		1	97	70-130	04/10/2014 1133

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: PQ44483-002
Batch: 44483
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	48		1	96	70-130	04/10/2014 1133
Vinyl acetate	50	49		1	99	60-140	04/10/2014 1133
Vinyl chloride	50	51		1	102	70-130	04/10/2014 1133
Xylenes (total)	100	100		1	104	70-130	04/10/2014 1133

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

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

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

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: PQ44483-003
Batch: 44483
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	96		1	96	15	60-140	20	04/10/2014 1155
Acrylonitrile	100	91		1	91	2.9	70-130	20	04/10/2014 1155
Benzene	50	53		1	106	1.1	70-130	20	04/10/2014 1155
Bromochloromethane	50	51		1	103	0.19	70-130	20	04/10/2014 1155
Bromodichloromethane	50	53		1	105	0.67	70-130	20	04/10/2014 1155
Bromoform	50	44		1	88	0.77	70-130	20	04/10/2014 1155
Bromomethane (Methyl bromide)	50	47		1	95	6.0	60-140	20	04/10/2014 1155
2-Butanone (MEK)	100	94		1	94	3.7	60-140	20	04/10/2014 1155
Carbon disulfide	50	56		1	112	2.0	60-140	20	04/10/2014 1155
Carbon tetrachloride	50	52		1	105	0.00	70-130	20	04/10/2014 1155
Chlorobenzene	50	52		1	103	1.8	70-130	20	04/10/2014 1155
Chloroethane	50	54		1	107	0.50	42-163	20	04/10/2014 1155
Chloroform	50	51		1	103	0.71	70-130	20	04/10/2014 1155
Chloromethane (Methyl chloride)	50	54		1	107	1.2	60-140	20	04/10/2014 1155
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	97	2.8	70-130	20	04/10/2014 1155
Dibromochloromethane	50	52		1	104	0.24	70-130	20	04/10/2014 1155
1,2-Dibromoethane (EDB)	50	52		1	104	0.26	70-130	20	04/10/2014 1155
Dibromomethane (Methylene bromide)	50	52		1	103	0.76	70-130	20	04/10/2014 1155
trans-1,4-Dichloro-2-butene	50	43		1	86	2.7	34-142	20	04/10/2014 1155
1,4-Dichlorobenzene	50	52		1	103	0.56	70-130	20	04/10/2014 1155
1,2-Dichlorobenzene	50	51		1	103	0.020	70-130	20	04/10/2014 1155
1,2-Dichloroethane	50	52		1	103	0.75	70-130	20	04/10/2014 1155
1,1-Dichloroethane	50	52		1	103	1.1	70-130	20	04/10/2014 1155
1,1-Dichloroethene	50	54		1	109	1.7	70-130	20	04/10/2014 1155
cis-1,2-Dichloroethene	50	52		1	105	0.33	70-130	20	04/10/2014 1155
trans-1,2-Dichloroethene	50	51		1	103	1.2	70-130	20	04/10/2014 1155
1,2-Dichloropropane	50	53		1	106	1.9	70-130	20	04/10/2014 1155
trans-1,3-Dichloropropene	50	55		1	110	1.3	70-130	20	04/10/2014 1155
cis-1,3-Dichloropropene	50	54		1	107	0.31	70-130	20	04/10/2014 1155
Ethylbenzene	50	52		1	105	1.9	70-130	20	04/10/2014 1155
2-Hexanone	100	100		1	103	1.9	60-140	20	04/10/2014 1155
Methyl iodide (Iodomethane)	50	53		1	106	0.72	70-130	20	04/10/2014 1155
4-Methyl-2-pentanone	100	100		1	101	0.11	60-140	20	04/10/2014 1155
Methylene chloride	50	49		1	98	0.29	70-130	20	04/10/2014 1155
Styrene	50	54		1	107	1.9	70-130	20	04/10/2014 1155
1,1,1,2-Tetrachloroethane	50	51		1	102	0.14	70-130	20	04/10/2014 1155
1,1,2,2-Tetrachloroethane	50	51		1	102	0.0039	60-140	20	04/10/2014 1155
Tetrachloroethene	50	52		1	105	3.1	70-130	20	04/10/2014 1155
Tetrahydrofuran	50	44		1	89	5.9	70-130	20	04/10/2014 1155
Toluene	50	52		1	103	2.3	70-130	20	04/10/2014 1155
1,1,1-Trichloroethane	50	52		1	104	3.0	70-130	20	04/10/2014 1155
1,1,2-Trichloroethane	50	51		1	102	1.3	70-130	20	04/10/2014 1155
Trichloroethene	50	52		1	104	2.8	70-130	20	04/10/2014 1155
Trichlorofluoromethane	50	50		1	100	3.6	70-130	20	04/10/2014 1155

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: PQ44483-003
Batch: 44483
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	49		1	98	1.8	70-130	20	04/10/2014 1155
Vinyl acetate	50	51		1	101	2.4	60-140	20	04/10/2014 1155
Vinyl chloride	50	52		1	104	1.7	70-130	20	04/10/2014 1155
Xylenes (total)	100	110		1	106	1.9	70-130	20	04/10/2014 1155

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

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

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

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ44674-001
Batch: 44674
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	04/13/2014 1208
Acetonitrile	ND		1	20	ug/L	04/13/2014 1208
Acrolein	ND		1	20	ug/L	04/13/2014 1208
Acrylonitrile	ND		1	20	ug/L	04/13/2014 1208
Benzene	ND		1	1.0	ug/L	04/13/2014 1208
Bromochloromethane	ND		1	1.0	ug/L	04/13/2014 1208
Bromodichloromethane	ND		1	1.0	ug/L	04/13/2014 1208
Bromoform	ND		1	1.0	ug/L	04/13/2014 1208
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	04/13/2014 1208
2-Butanone (MEK)	ND		1	10	ug/L	04/13/2014 1208
Carbon disulfide	ND		1	1.0	ug/L	04/13/2014 1208
Carbon tetrachloride	ND		1	1.0	ug/L	04/13/2014 1208
2-Chloro-1,3-Butadiene (Chloroprene)	ND		1	5.0	ug/L	04/13/2014 1208
Chlorobenzene	ND		1	1.0	ug/L	04/13/2014 1208
Chloroethane	ND		1	2.0	ug/L	04/13/2014 1208
Chloroform	ND		1	1.0	ug/L	04/13/2014 1208
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	04/13/2014 1208
3-Chloropropene (Allyl chloride)	ND		1	2.0	ug/L	04/13/2014 1208
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	04/13/2014 1208
Dibromochloromethane	ND		1	1.0	ug/L	04/13/2014 1208
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	04/13/2014 1208
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	04/13/2014 1208
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	04/13/2014 1208
1,3-Dichlorobenzene	ND		1	1.0	ug/L	04/13/2014 1208
1,2-Dichlorobenzene	ND		1	1.0	ug/L	04/13/2014 1208
1,4-Dichlorobenzene	ND		1	1.0	ug/L	04/13/2014 1208
Dichlorodifluoromethane	ND		1	2.0	ug/L	04/13/2014 1208
1,2-Dichloroethane	ND		1	1.0	ug/L	04/13/2014 1208
1,1-Dichloroethane	ND		1	1.0	ug/L	04/13/2014 1208
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	04/13/2014 1208
1,1-Dichloroethene	ND		1	1.0	ug/L	04/13/2014 1208
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	04/13/2014 1208
1,2-Dichloropropane	ND		1	1.0	ug/L	04/13/2014 1208
1,3-Dichloropropane	ND		1	1.0	ug/L	04/13/2014 1208
2,2-Dichloropropane	ND		1	1.0	ug/L	04/13/2014 1208
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	04/13/2014 1208
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	04/13/2014 1208
1,1-Dichloropropene	ND		1	2.0	ug/L	04/13/2014 1208
Ethyl methacrylate	ND		1	5.0	ug/L	04/13/2014 1208
Ethylbenzene	ND		1	1.0	ug/L	04/13/2014 1208
2-Hexanone	ND		1	10	ug/L	04/13/2014 1208
Isobutyl alcohol	ND		1	50	ug/L	04/13/2014 1208
Methacrylonitrile	ND		1	5.0	ug/L	04/13/2014 1208
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	04/13/2014 1208

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: PQ44674-001
Batch: 44674
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Methyl methacrylate	ND		1	5.0	ug/L	04/13/2014 1208
4-Methyl-2-pentanone	ND		1	10	ug/L	04/13/2014 1208
Methylene chloride	ND		1	1.0	ug/L	04/13/2014 1208
Propionitrile (Ethyl cyanide)	ND		1	20	ug/L	04/13/2014 1208
Styrene	ND		1	1.0	ug/L	04/13/2014 1208
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	04/13/2014 1208
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	04/13/2014 1208
Tetrachloroethene	ND		1	1.0	ug/L	04/13/2014 1208
Tetrahydrofuran	ND		1	5.0	ug/L	04/13/2014 1208
Toluene	ND		1	1.0	ug/L	04/13/2014 1208
1,1,2-Trichloroethane	ND		1	1.0	ug/L	04/13/2014 1208
1,1,1-Trichloroethane	ND		1	1.0	ug/L	04/13/2014 1208
Trichloroethene	ND		1	1.0	ug/L	04/13/2014 1208
Trichlorofluoromethane	ND		1	1.0	ug/L	04/13/2014 1208
1,2,3-Trichloropropane	ND		1	1.0	ug/L	04/13/2014 1208
Vinyl acetate	ND		1	5.0	ug/L	04/13/2014 1208
Vinyl chloride	ND		1	1.0	ug/L	04/13/2014 1208
Xylenes (total)	ND		1	1.0	ug/L	04/13/2014 1208

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		105	70-130
1,2-Dichloroethane-d4		113	70-130
Toluene-d8		116	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: PQ44674-002
Batch: 44674
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	92		1	92	60-140	04/13/2014 1040
Acetonitrile	500	460		1	92	60-140	04/13/2014 1040
Acrolein	500	620		1	124	60-140	04/13/2014 1040
Acrylonitrile	100	110		1	111	70-130	04/13/2014 1040
Benzene	50	51		1	102	70-130	04/13/2014 1040
Bromochloromethane	50	51		1	102	70-130	04/13/2014 1040
Bromodichloromethane	50	54		1	107	70-130	04/13/2014 1040
Bromoform	50	52		1	103	70-130	04/13/2014 1040
Bromomethane (Methyl bromide)	50	47		1	95	60-140	04/13/2014 1040
2-Butanone (MEK)	100	99		1	99	60-140	04/13/2014 1040
Carbon disulfide	50	55		1	110	60-140	04/13/2014 1040
Carbon tetrachloride	50	51		1	101	70-130	04/13/2014 1040
2-Chloro-1,3-Butadiene (Chloroprene)	50	52		1	103	70-130	04/13/2014 1040
Chlorobenzene	50	50		1	101	70-130	04/13/2014 1040
Chloroethane	50	52		1	104	42-163	04/13/2014 1040
Chloroform	50	50		1	101	70-130	04/13/2014 1040
Chloromethane (Methyl chloride)	50	49		1	99	60-140	04/13/2014 1040
3-Chloropropene (Allyl chloride)	50	51		1	101	70-130	04/13/2014 1040
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	100	70-130	04/13/2014 1040
Dibromochloromethane	50	50		1	99	70-130	04/13/2014 1040
1,2-Dibromoethane (EDB)	50	54		1	109	70-130	04/13/2014 1040
Dibromomethane (Methylene bromide)	50	52		1	103	70-130	04/13/2014 1040
trans-1,4-Dichloro-2-butene	50	52		1	105	34-142	04/13/2014 1040
1,3-Dichlorobenzene	50	50		1	101	70-130	04/13/2014 1040
1,2-Dichlorobenzene	50	50		1	100	70-130	04/13/2014 1040
1,4-Dichlorobenzene	50	48		1	96	70-130	04/13/2014 1040
Dichlorodifluoromethane	50	58		1	115	60-140	04/13/2014 1040
1,2-Dichloroethane	50	48		1	95	70-130	04/13/2014 1040
1,1-Dichloroethane	50	49		1	99	70-130	04/13/2014 1040
cis-1,2-Dichloroethene	50	50		1	100	70-130	04/13/2014 1040
1,1-Dichloroethene	50	52		1	104	70-130	04/13/2014 1040
trans-1,2-Dichloroethene	50	51		1	103	70-130	04/13/2014 1040
1,2-Dichloropropane	50	53		1	106	70-130	04/13/2014 1040
1,3-Dichloropropane	50	53		1	106	70-130	04/13/2014 1040
2,2-Dichloropropane	50	46		1	93	70-130	04/13/2014 1040
trans-1,3-Dichloropropene	50	50		1	100	70-130	04/13/2014 1040
cis-1,3-Dichloropropene	50	49		1	99	70-130	04/13/2014 1040
1,1-Dichloropropene	50	49		1	97	70-130	04/13/2014 1040
Ethyl methacrylate	50	52		1	104	70-130	04/13/2014 1040
Ethylbenzene	50	51		1	101	70-130	04/13/2014 1040
2-Hexanone	100	120		1	115	60-140	04/13/2014 1040
Isobutyl alcohol	500	580		1	116	70-130	04/13/2014 1040
Methacrylonitrile	50	51		1	103	70-130	04/13/2014 1040
Methyl iodide (Iodomethane)	50	55		1	109	70-130	04/13/2014 1040

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: PQ44674-002
Batch: 44674
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Methyl methacrylate	50	58		1	116	70-130	04/13/2014 1040
4-Methyl-2-pentanone	100	120		1	116	60-140	04/13/2014 1040
Methylene chloride	50	47		1	93	70-130	04/13/2014 1040
Propionitrile (Ethyl cyanide)	500	560		1	112	70-130	04/13/2014 1040
Styrene	50	53		1	107	70-130	04/13/2014 1040
1,1,1,2-Tetrachloroethane	50	53		1	105	70-130	04/13/2014 1040
1,1,2,2-Tetrachloroethane	50	55		1	111	60-140	04/13/2014 1040
Tetrachloroethene	50	50		1	99	70-130	04/13/2014 1040
Tetrahydrofuran	50	55		1	110	70-130	04/13/2014 1040
Toluene	50	52		1	103	70-130	04/13/2014 1040
1,1,2-Trichloroethane	50	53		1	107	70-130	04/13/2014 1040
1,1,1-Trichloroethane	50	50		1	99	70-130	04/13/2014 1040
Trichloroethene	50	49		1	98	70-130	04/13/2014 1040
Trichlorofluoromethane	50	50		1	100	70-130	04/13/2014 1040
1,2,3-Trichloropropane	50	51		1	103	70-130	04/13/2014 1040
Vinyl acetate	50	56		1	112	60-140	04/13/2014 1040
Vinyl chloride	50	50		1	101	70-130	04/13/2014 1040
Xylenes (total)	100	110		1	105	70-130	04/13/2014 1040

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		110	70-130
1,2-Dichloroethane-d4		105	70-130
Toluene-d8		116	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: PQ44674-003
Batch: 44674
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	92		1	92	0.23	60-140	20	04/13/2014 1102
Acetonitrile	500	510		1	103	11	60-140	20	04/13/2014 1102
Acrolein	500	620		1	123	0.58	60-140	20	04/13/2014 1102
Acrylonitrile	100	110		1	111	0.026	70-130	20	04/13/2014 1102
Benzene	50	53		1	105	3.6	70-130	20	04/13/2014 1102
Bromochloromethane	50	52		1	104	1.7	70-130	20	04/13/2014 1102
Bromodichloromethane	50	54		1	108	1.0	70-130	20	04/13/2014 1102
Bromoform	50	50		1	100	3.7	70-130	20	04/13/2014 1102
Bromomethane (Methyl bromide)	50	49		1	98	3.4	60-140	20	04/13/2014 1102
2-Butanone (MEK)	100	100		1	100	1.7	60-140	20	04/13/2014 1102
Carbon disulfide	50	56		1	112	1.1	60-140	20	04/13/2014 1102
Carbon tetrachloride	50	51		1	102	0.64	70-130	20	04/13/2014 1102
2-Chloro-1,3-Butadiene (Chloroprene)	50	52		1	104	0.82	70-130	20	04/13/2014 1102
Chlorobenzene	50	51		1	102	1.3	70-130	20	04/13/2014 1102
Chloroethane	50	52		1	104	0.50	42-163	20	04/13/2014 1102
Chloroform	50	51		1	102	1.6	70-130	20	04/13/2014 1102
Chloromethane (Methyl chloride)	50	50		1	100	1.4	60-140	20	04/13/2014 1102
3-Chloropropene (Allyl chloride)	50	50		1	101	0.74	70-130	20	04/13/2014 1102
1,2-Dibromo-3-chloropropane (DBCP)	50	49		1	99	0.89	70-130	20	04/13/2014 1102
Dibromochloromethane	50	50		1	100	0.12	70-130	20	04/13/2014 1102
1,2-Dibromoethane (EDB)	50	53		1	107	1.9	70-130	20	04/13/2014 1102
Dibromomethane (Methylene bromide)	50	53		1	105	2.2	70-130	20	04/13/2014 1102
trans-1,4-Dichloro-2-butene	50	39	+	1	77	30	34-142	20	04/13/2014 1102
1,3-Dichlorobenzene	50	51		1	101	0.66	70-130	20	04/13/2014 1102
1,2-Dichlorobenzene	50	51		1	102	1.6	70-130	20	04/13/2014 1102
1,4-Dichlorobenzene	50	48		1	96	0.43	70-130	20	04/13/2014 1102
Dichlorodifluoromethane	50	57		1	113	1.7	60-140	20	04/13/2014 1102
1,2-Dichloroethane	50	47		1	94	1.5	70-130	20	04/13/2014 1102
1,1-Dichloroethane	50	51		1	101	2.8	70-130	20	04/13/2014 1102
cis-1,2-Dichloroethene	50	51		1	102	1.9	70-130	20	04/13/2014 1102
1,1-Dichloroethene	50	53		1	106	2.4	70-130	20	04/13/2014 1102
trans-1,2-Dichloroethene	50	53		1	105	2.5	70-130	20	04/13/2014 1102
1,2-Dichloropropane	50	54		1	107	1.3	70-130	20	04/13/2014 1102
1,3-Dichloropropane	50	52		1	105	0.96	70-130	20	04/13/2014 1102
2,2-Dichloropropane	50	48		1	97	4.1	70-130	20	04/13/2014 1102
trans-1,3-Dichloropropene	50	49		1	98	1.9	70-130	20	04/13/2014 1102
cis-1,3-Dichloropropene	50	50		1	100	1.0	70-130	20	04/13/2014 1102
1,1-Dichloropropene	50	49		1	98	1.2	70-130	20	04/13/2014 1102
Ethyl methacrylate	50	51		1	103	1.1	70-130	20	04/13/2014 1102
Ethylbenzene	50	51		1	102	0.86	70-130	20	04/13/2014 1102
2-Hexanone	100	110		1	110	4.3	60-140	20	04/13/2014 1102
Isobutyl alcohol	500	630		1	125	7.5	70-130	20	04/13/2014 1102
Methacrylonitrile	50	51		1	102	0.52	70-130	20	04/13/2014 1102
Methyl iodide (Iodomethane)	50	56		1	112	2.1	70-130	20	04/13/2014 1102

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: PQ44674-003
Batch: 44674
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
Methyl methacrylate	50	55		1	111	4.1	70-130	20	04/13/2014 1102
4-Methyl-2-pentanone	100	110		1	113	2.7	60-140	20	04/13/2014 1102
Methylene chloride	50	48		1	96	2.6	70-130	20	04/13/2014 1102
Propionitrile (Ethyl cyanide)	500	550		1	110	2.1	70-130	20	04/13/2014 1102
Styrene	50	55		1	110	2.5	70-130	20	04/13/2014 1102
1,1,1,2-Tetrachloroethane	50	54		1	107	1.8	70-130	20	04/13/2014 1102
1,1,2,2-Tetrachloroethane	50	55		1	110	0.44	60-140	20	04/13/2014 1102
Tetrachloroethene	50	50		1	101	1.4	70-130	20	04/13/2014 1102
Tetrahydrofuran	50	52		1	105	5.2	70-130	20	04/13/2014 1102
Toluene	50	53		1	106	2.4	70-130	20	04/13/2014 1102
1,1,2-Trichloroethane	50	53		1	107	0.10	70-130	20	04/13/2014 1102
1,1,1-Trichloroethane	50	50		1	101	1.5	70-130	20	04/13/2014 1102
Trichloroethene	50	50		1	99	0.81	70-130	20	04/13/2014 1102
Trichlorofluoromethane	50	51		1	102	1.3	70-130	20	04/13/2014 1102
1,2,3-Trichloropropane	50	50		1	99	3.6	70-130	20	04/13/2014 1102
Vinyl acetate	50	59		1	118	5.1	60-140	20	04/13/2014 1102
Vinyl chloride	50	51		1	102	1.4	70-130	20	04/13/2014 1102
Xylenes (total)	100	110		1	106	0.68	70-130	20	04/13/2014 1102

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		108	70-130
1,2-Dichloroethane-d4		106	70-130
Toluene-d8		118	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

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: PQ44174-001
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
0,0,0-Triethylphosphorothioate	ND		1	1.0	ug/L	04/14/2014 1051
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	ND		1	1.0	ug/L	04/14/2014 1051
1,2,4,5-Tetrachlorobenzene	ND		1	1.0	ug/L	04/14/2014 1051
1,2,4-Trichlorobenzene	ND		1	1.0	ug/L	04/14/2014 1051
1,2-Dichlorobenzene	ND		1	1.0	ug/L	04/14/2014 1051
1,3,5-Trinitrobenzene	ND		1	5.0	ug/L	04/14/2014 1051
1,3-Dichlorobenzene	ND		1	1.0	ug/L	04/14/2014 1051
1,3-Dinitrobenzene	ND		1	5.0	ug/L	04/14/2014 1051
1,4-Dichlorobenzene	ND		1	1.0	ug/L	04/14/2014 1051
1,4-Naphthoquinone	ND		1	2.0	ug/L	04/14/2014 1051
1-Naphthylamine	ND		1	1.0	ug/L	04/14/2014 1051
2,3,4,6-Tetrachlorophenol	ND		1	2.0	ug/L	04/14/2014 1051
2,4,5-Trichlorophenol	ND		1	1.0	ug/L	04/14/2014 1051
2,4,6-Trichlorophenol	ND		1	1.0	ug/L	04/14/2014 1051
2,4-Dichlorophenol	ND		1	1.0	ug/L	04/14/2014 1051
2,4-Dimethylphenol	ND		1	1.0	ug/L	04/14/2014 1051
2,4-Dinitrophenol	ND		1	5.0	ug/L	04/14/2014 1051
2,4-Dinitrotoluene	ND		1	2.0	ug/L	04/14/2014 1051
2,6-Dichlorophenol	ND		1	1.0	ug/L	04/14/2014 1051
2,6-Dinitrotoluene	ND		1	2.0	ug/L	04/14/2014 1051
2-Acetylaminofluorene	ND		1	5.0	ug/L	04/14/2014 1051
2-Chloronaphthalene	ND		1	1.0	ug/L	04/14/2014 1051
2-Chlorophenol	ND		1	1.0	ug/L	04/14/2014 1051
2-Methylnaphthalene	ND		1	1.0	ug/L	04/14/2014 1051
2-Methylphenol	ND		1	1.0	ug/L	04/14/2014 1051
2-Naphthylamine	ND		1	1.0	ug/L	04/14/2014 1051
2-Nitroaniline	ND		1	2.0	ug/L	04/14/2014 1051
2-Nitrophenol	ND		1	2.0	ug/L	04/14/2014 1051
3 & 4-Methylphenol	ND		1	2.0	ug/L	04/14/2014 1051
3,3'-Dichlorobenzidine	ND		1	5.0	ug/L	04/14/2014 1051
3,3'-Dimethylbenzidine	ND		1	5.0	ug/L	04/14/2014 1051
3-Methylcholanthrene	ND		1	2.0	ug/L	04/14/2014 1051
3-Nitroaniline	ND		1	2.0	ug/L	04/14/2014 1051
4,6-Dinitro-2-methylphenol	ND		1	5.0	ug/L	04/14/2014 1051
4-Aminobiphenyl	ND		1	2.0	ug/L	04/14/2014 1051
4-Bromophenyl phenyl ether	ND		1	1.0	ug/L	04/14/2014 1051
4-Chloro-3-methyl phenol	ND		1	1.0	ug/L	04/14/2014 1051
4-Chloroaniline	ND		1	1.0	ug/L	04/14/2014 1051
4-Chlorophenyl phenyl ether	ND		1	1.0	ug/L	04/14/2014 1051
4-Nitroaniline	ND		1	2.0	ug/L	04/14/2014 1051
4-Nitrophenol	ND		1	5.0	ug/L	04/14/2014 1051
5-Nitro-o-toluidine	ND		1	5.0	ug/L	04/14/2014 1051
7,12-Dimethylbenzo(a)anthracene	ND		1	2.0	ug/L	04/14/2014 1051
a,a-Dimethylphenethylamine	ND		1	10	ug/L	04/14/2014 1051

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

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

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

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: PQ44174-001
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acenaphthene	ND		1	1.0	ug/L	04/14/2014 1051
Acenaphthylene	ND		1	1.0	ug/L	04/14/2014 1051
Acetophenone	ND		1	1.0	ug/L	04/14/2014 1051
Anthracene	ND		1	1.0	ug/L	04/14/2014 1051
Benzo(a)anthracene	ND		1	1.0	ug/L	04/14/2014 1051
Benzo(a)pyrene	ND		1	1.0	ug/L	04/14/2014 1051
Benzo(b)fluoranthene	ND		1	1.0	ug/L	04/14/2014 1051
Benzo(g,h,i)perylene	ND		1	1.0	ug/L	04/14/2014 1051
Benzo(k)fluoranthene	ND		1	1.0	ug/L	04/14/2014 1051
Benzyl alcohol	ND		1	1.0	ug/L	04/14/2014 1051
bis(2-Chloroethoxy)methane	ND		1	1.0	ug/L	04/14/2014 1051
bis(2-Chloroethyl)ether	ND		1	1.0	ug/L	04/14/2014 1051
bis(2-Chloroisopropyl)ether	ND		1	1.0	ug/L	04/14/2014 1051
bis(2-Ethylhexyl)phthalate	ND		1	5.0	ug/L	04/14/2014 1051
Butyl benzyl phthalate	ND		1	5.0	ug/L	04/14/2014 1051
Chlorobenzilate	ND		1	2.0	ug/L	04/14/2014 1051
Chrysene	ND		1	1.0	ug/L	04/14/2014 1051
Di-n-butyl phthalate	ND		1	5.0	ug/L	04/14/2014 1051
Di-n-octylphthalate	ND		1	5.0	ug/L	04/14/2014 1051
Diallate - isomer 1	ND		1	2.0	ug/L	04/14/2014 1051
Diallate - isomer 2	ND		1	2.0	ug/L	04/14/2014 1051
Dibenzo(a,h)anthracene	ND		1	1.0	ug/L	04/14/2014 1051
Dibenzofuran	ND		1	1.0	ug/L	04/14/2014 1051
Diethylphthalate	ND		1	5.0	ug/L	04/14/2014 1051
Dimethoate	ND		1	2.0	ug/L	04/14/2014 1051
Dimethyl phthalate	ND		1	5.0	ug/L	04/14/2014 1051
Disulfoton	ND		1	1.0	ug/L	04/14/2014 1051
Ethyl methanesulfonate	ND		1	1.0	ug/L	04/14/2014 1051
Ethyl parathion	ND		1	5.0	ug/L	04/14/2014 1051
Famphur	ND		1	5.0	ug/L	04/14/2014 1051
Fluoranthene	ND		1	1.0	ug/L	04/14/2014 1051
Fluorene	ND		1	1.0	ug/L	04/14/2014 1051
Hexachlorobenzene	ND		1	1.0	ug/L	04/14/2014 1051
Hexachlorobutadiene	ND		1	1.0	ug/L	04/14/2014 1051
Hexachlorocyclopentadiene	ND		1	5.0	ug/L	04/14/2014 1051
Hexachloroethane	ND		1	1.0	ug/L	04/14/2014 1051
Hexachloropropene	ND		1	2.0	ug/L	04/14/2014 1051
Indeno(1,2,3-c,d)pyrene	ND		1	1.0	ug/L	04/14/2014 1051
Isodrin	ND		1	1.0	ug/L	04/14/2014 1051
Isophorone	ND		1	1.0	ug/L	04/14/2014 1051
Isosafrole	ND		1	1.0	ug/L	04/14/2014 1051
Kepone	ND		1	10	ug/L	04/14/2014 1051
Methapyrilene	ND		1	5.0	ug/L	04/14/2014 1051
Methyl methanesulfonate	ND		1	1.0	ug/L	04/14/2014 1051

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

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

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

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: PQ44174-001
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Methyl parathion	ND		1	5.0	ug/L	04/14/2014 1051
N-Nitroso-di-butylamine	ND		1	1.0	ug/L	04/14/2014 1051
N-Nitrosodi-n-propylamine	ND		1	1.0	ug/L	04/14/2014 1051
N-Nitrosodiethylamine	ND		1	1.0	ug/L	04/14/2014 1051
N-Nitrosodimethylamine	ND		1	1.0	ug/L	04/14/2014 1051
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	1.0	ug/L	04/14/2014 1051
N-Nitrosomethylethylamine	ND		1	1.0	ug/L	04/14/2014 1051
N-Nitrosopiperidine	ND		1	1.0	ug/L	04/14/2014 1051
N-Nitrosopyrrolidine	ND		1	1.0	ug/L	04/14/2014 1051
Naphthalene	ND		1	1.0	ug/L	04/14/2014 1051
Nitrobenzene	ND		1	1.0	ug/L	04/14/2014 1051
o-Toluidine	ND		1	1.0	ug/L	04/14/2014 1051
p-(Dimethylamino)azobenzene	ND		1	1.0	ug/L	04/14/2014 1051
p-Phenylenediamine	ND		1	10	ug/L	04/14/2014 1051
Pentachlorobenzene	ND		1	1.0	ug/L	04/14/2014 1051
Pentachloronitrobenzene	ND		1	5.0	ug/L	04/14/2014 1051
Pentachlorophenol	ND		1	5.0	ug/L	04/14/2014 1051
Phenacetin	ND		1	1.0	ug/L	04/14/2014 1051
Phenanthrene	ND		1	1.0	ug/L	04/14/2014 1051
Phenol	ND		1	1.0	ug/L	04/14/2014 1051
Phorate	ND		1	2.0	ug/L	04/14/2014 1051
Pronamide	ND		1	2.0	ug/L	04/14/2014 1051
Pyrene	ND		1	1.0	ug/L	04/14/2014 1051
Safrole	ND		1	1.0	ug/L	04/14/2014 1051

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		77	41-144
2-Fluorobiphenyl		94	37-129
2-Fluorophenol		84	24-127
Nitrobenzene-d5		91	38-127
Phenol-d5		93	28-128
Terphenyl-d14		105	10-148

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

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44174-002
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,4-Trichlorobenzene	20	18		1	88	50-102	04/14/2014 1335
1,2-Dichlorobenzene	20	17		1	85	20-110	04/14/2014 1335
1,3-Dichlorobenzene	20	17		1	85	17-112	04/14/2014 1335
1,4-Dichlorobenzene	20	16		1	82	18-113	04/14/2014 1335
2,4,5-Trichlorophenol	20	18		1	89	50-126	04/14/2014 1335
2,4,6-Trichlorophenol	20	18		1	90	41-121	04/14/2014 1335
2,4-Dichlorophenol	20	18		1	88	45-121	04/14/2014 1335
2,4-Dimethylphenol	20	24		1	120	38-125	04/14/2014 1335
2,4-Dinitrophenol	100	98		1	98	37-135	04/14/2014 1335
2,4-Dinitrotoluene	40	37		1	92	51-128	04/14/2014 1335
2,6-Dinitrotoluene	40	38		1	94	48-133	04/14/2014 1335
2-Chloronaphthalene	20	15		1	74	39-128	04/14/2014 1335
2-Chlorophenol	20	18		1	91	39-115	04/14/2014 1335
2-Methylnaphthalene	20	18		1	90	40-132	04/14/2014 1335
2-Methylphenol	20	17		1	85	37-115	04/14/2014 1335
2-Nitroaniline	40	37		1	93	49-128	04/14/2014 1335
2-Nitrophenol	40	35		1	88	36-123	04/14/2014 1335
3 & 4-Methylphenol	40	35		1	88	44-112	04/14/2014 1335
3,3'-Dichlorobenzidine	40	15		1	37	30-130	04/14/2014 1335
3,3'-Dimethylbenzidine	40	2.3	N	1	5.7	10-130	04/14/2014 1335
3-Nitroaniline	40	30		1	75	31-128	04/14/2014 1335
4,6-Dinitro-2-methylphenol	100	90		1	90	46-134	04/14/2014 1335
4-Bromophenyl phenyl ether	20	17		1	87	50-122	04/14/2014 1335
4-Chloro-3-methyl phenol	20	18		1	92	54-123	04/14/2014 1335
4-Chloroaniline	20	9.6		1	48	48-101	04/14/2014 1335
4-Chlorophenyl phenyl ether	20	18		1	89	50-122	04/14/2014 1335
4-Nitroaniline	40	42		1	105	40-138	04/14/2014 1335
4-Nitrophenol	100	90		1	90	31-145	04/14/2014 1335
Acenaphthene	20	17		1	83	51-121	04/14/2014 1335
Acenaphthylene	20	21		1	107	47-129	04/14/2014 1335
Acetophenone	20	18		1	92	30-130	04/14/2014 1335
Anthracene	20	18		1	92	55-122	04/14/2014 1335
Benzo(a)anthracene	20	17		1	87	50-127	04/14/2014 1335
Benzo(a)pyrene	20	16		1	82	59-135	04/14/2014 1335
Benzo(b)fluoranthene	20	19		1	97	32-145	04/14/2014 1335
Benzo(g,h,i)perylene	20	16		1	80	42-128	04/14/2014 1335
Benzo(k)fluoranthene	20	19		1	95	50-135	04/14/2014 1335
Benzyl alcohol	20	21		1	103	30-130	04/14/2014 1335
bis(2-Chloroethoxy)methane	20	18		1	91	40-119	04/14/2014 1335
bis(2-Chloroethyl)ether	20	20		1	101	35-114	04/14/2014 1335
bis(2-Chloroisopropyl)ether	20	21		1	104	34-110	04/14/2014 1335
bis(2-Ethylhexyl)phthalate	20	17		1	83	50-133	04/14/2014 1335
Butyl benzyl phthalate	20	19		1	95	49-132	04/14/2014 1335
Chrysene	20	18		1	90	50-130	04/14/2014 1335

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

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: PQ44174-002
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Di-n-butyl phthalate	20	18		1	92	57-132	04/14/2014 1335
Di-n-octylphthalate	20	16		1	79	55-143	04/14/2014 1335
Dibenzo(a,h)anthracene	20	17		1	85	30-130	04/14/2014 1335
Dibenzofuran	20	18		1	89	48-118	04/14/2014 1335
Diethylphthalate	20	19		1	93	55-124	04/14/2014 1335
Dimethyl phthalate	20	19		1	93	52-124	04/14/2014 1335
Fluoranthene	20	18		1	91	55-127	04/14/2014 1335
Fluorene	20	17		1	87	52-124	04/14/2014 1335
Hexachlorobenzene	20	17		1	85	49-128	04/14/2014 1335
Hexachlorobutadiene	20	17		1	87	33-120	04/14/2014 1335
Hexachlorocyclopentadiene	100	59		1	59	22-122	04/14/2014 1335
Hexachloroethane	20	17		1	86	28-116	04/14/2014 1335
Indeno(1,2,3-c,d)pyrene	20	17		1	83	50-125	04/14/2014 1335
Isophorone	20	19		1	96	30-130	04/14/2014 1335
N-Nitrosodi-n-propylamine	20	19		1	97	39-119	04/14/2014 1335
N-Nitrosodimethylamine	20	18		1	88	30-130	04/14/2014 1335
N-Nitrosodiphenylamine (Diphenylamine)	20	21		1	107	46-160	04/14/2014 1335
Naphthalene	20	17		1	87	40-122	04/14/2014 1335
Nitrobenzene	20	19		1	95	39-123	04/14/2014 1335
Pentachlorophenol	100	88		1	88	34-137	04/14/2014 1335
Phenanthrene	20	18		1	90	54-123	04/14/2014 1335
Phenol	20	18		1	91	30-130	04/14/2014 1335
Pyrene	20	18		1	91	51-126	04/14/2014 1335

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		94	41-144
2-Fluorobiphenyl		88	37-129
2-Fluorophenol		93	24-127
Nitrobenzene-d5		93	38-127
Phenol-d5		88	28-128
Terphenyl-d14		98	10-148

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

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: PD04116-002MS
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	40	35		1	87	30-130	04/14/2014 1224
Acenaphthylene	ND	40	46		1	115	30-130	04/14/2014 1224
Acetophenone	ND	40	38		1	94	30-130	04/14/2014 1224
Anthracene	ND	40	42		1	104	30-130	04/14/2014 1224
Benzo(a)anthracene	ND	40	39		1	98	30-130	04/14/2014 1224
Benzo(a)pyrene	ND	40	35		1	86	30-130	04/14/2014 1224
Benzo(b)fluoranthene	ND	40	42		1	106	30-130	04/14/2014 1224
Benzo(g,h,i)perylene	ND	40	39		1	97	30-130	04/14/2014 1224
Benzo(k)fluoranthene	ND	40	42		1	105	30-130	04/14/2014 1224
Benzyl alcohol	ND	40	42		1	105	30-130	04/14/2014 1224
4-Bromophenyl phenyl ether	ND	40	37		1	93	30-130	04/14/2014 1224
Butyl benzyl phthalate	ND	40	43		1	108	30-130	04/14/2014 1224
4-Chloro-3-methyl phenol	ND	40	39		1	98	30-130	04/14/2014 1224
4-Chloroaniline	ND	40	23		1	57	48-101	04/14/2014 1224
bis(2-Chloroethoxy)methane	ND	40	37		1	93	30-130	04/14/2014 1224
bis(2-Chloroethyl)ether	ND	40	41		1	102	30-130	04/14/2014 1224
bis(2-Chloroisopropyl)ether	ND	40	42		1	105	30-130	04/14/2014 1224
2-Chloronaphthalene	ND	40	31		1	77	30-130	04/14/2014 1224
2-Chlorophenol	ND	40	38		1	94	30-130	04/14/2014 1224
4-Chlorophenyl phenyl ether	ND	40	38		1	95	30-130	04/14/2014 1224
Chrysene	ND	40	38		1	94	30-130	04/14/2014 1224
Dibenzo(a,h)anthracene	ND	40	35		1	86	30-130	04/14/2014 1224
Dibenzofuran	ND	40	38		1	94	30-130	04/14/2014 1224
1,2-Dichlorobenzene	ND	40	35		1	87	30-130	04/14/2014 1224
1,3-Dichlorobenzene	ND	40	35		1	87	30-130	04/14/2014 1224
1,4-Dichlorobenzene	ND	40	34		1	84	30-130	04/14/2014 1224
3,3'-Dichlorobenzidine	ND	80	60		1	75	30-130	04/14/2014 1224
2,4-Dichlorophenol	ND	40	37		1	91	30-130	04/14/2014 1224
Diethylphthalate	ND	40	42		1	105	30-130	04/14/2014 1224
Dimethyl phthalate	ND	40	41		1	103	30-130	04/14/2014 1224
3,3'-Dimethylbenzidine	ND	80	13		1	16	10-130	04/14/2014 1224
2,4-Dimethylphenol	ND	40	45		1	111	30-130	04/14/2014 1224
Di-n-butyl phthalate	ND	40	41		1	103	30-130	04/14/2014 1224
4,6-Dinitro-2-methylphenol	ND	200	200		1	99	30-130	04/14/2014 1224
2,4-Dinitrophenol	ND	200	220		1	110	30-130	04/14/2014 1224
2,4-Dinitrotoluene	ND	80	84		1	105	30-130	04/14/2014 1224
2,6-Dinitrotoluene	ND	80	82		1	103	30-130	04/14/2014 1224
Di-n-octylphthalate	ND	40	29		1	73	30-130	04/14/2014 1224
bis(2-Ethylhexyl)phthalate	ND	40	31		1	79	30-130	04/14/2014 1224
Fluoranthene	ND	40	41		1	103	30-130	04/14/2014 1224
Fluorene	ND	40	37		1	93	30-130	04/14/2014 1224
Hexachlorobenzene	ND	40	37		1	92	30-130	04/14/2014 1224
Hexachlorobutadiene	ND	40	35		1	87	30-130	04/14/2014 1224
Hexachlorocyclopentadiene	ND	200	130		1	67	30-130	04/14/2014 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

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: PD04116-002MS
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Hexachloroethane	ND	40	35		1	87	30-130	04/14/2014 1224
Indeno(1,2,3-c,d)pyrene	ND	40	36		1	91	30-130	04/14/2014 1224
Isophorone	ND	40	40		1	99	30-130	04/14/2014 1224
2-Methylnaphthalene	ND	40	37		1	92	40-132	04/14/2014 1224
2-Methylphenol	ND	40	34		1	86	30-130	04/14/2014 1224
3 & 4-Methylphenol	ND	80	72		1	91	30-130	04/14/2014 1224
Naphthalene	ND	40	36		1	89	30-130	04/14/2014 1224
2-Nitroaniline	ND	80	81		1	102	30-130	04/14/2014 1224
3-Nitroaniline	ND	80	70		1	87	30-130	04/14/2014 1224
4-Nitroaniline	ND	80	99		1	124	30-130	04/14/2014 1224
Nitrobenzene	ND	40	39		1	97	30-130	04/14/2014 1224
2-Nitrophenol	ND	80	72		1	90	30-130	04/14/2014 1224
4-Nitrophenol	ND	200	210		1	103	30-130	04/14/2014 1224
N-Nitrosodimethylamine	ND	40	36		1	91	30-130	04/14/2014 1224
N-Nitrosodi-n-propylamine	ND	40	40		1	100	30-130	04/14/2014 1224
N-Nitrosodiphenylamine (Diphenylamine)	ND	8.6	50	N	1	580	30-130	04/14/2014 1224
Pentachlorophenol	ND	200	190		1	96	30-130	04/14/2014 1224
Phenanthrene	ND	40	40		1	101	30-130	04/14/2014 1224
Phenol	ND	40	37		1	93	30-130	04/14/2014 1224
Pyrene	ND	40	42		1	105	30-130	04/14/2014 1224
1,2,4-Trichlorobenzene	ND	40	35		1	89	50-102	04/14/2014 1224
2,4,5-Trichlorophenol	ND	40	37		1	92	30-130	04/14/2014 1224
2,4,6-Trichlorophenol	ND	40	37		1	92	30-130	04/14/2014 1224

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		106	41-144
2-Fluorobiphenyl		92	37-129
2-Fluorophenol		93	24-127
Nitrobenzene-d5		95	38-127
Phenol-d5		91	28-128
Terphenyl-d14		103	10-148

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

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: PD04116-002MD
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	40	39		1	97	12	30-130	40	04/14/2014 1248
Acenaphthylene	ND	40	51		1	128	11	30-130	40	04/14/2014 1248
Acetophenone	ND	40	44		1	110	16	30-130	40	04/14/2014 1248
Anthracene	ND	40	42		1	106	1.6	30-130	40	04/14/2014 1248
Benzo(a)anthracene	ND	40	32		1	80	21	30-130	40	04/14/2014 1248
Benzo(a)pyrene	ND	40	19	+	1	48	58	30-130	40	04/14/2014 1248
Benzo(b)fluoranthene	ND	40	30		1	76	33	30-130	40	04/14/2014 1248
Benzo(g,h,i)perylene	ND	40	23	+	1	57	52	30-130	40	04/14/2014 1248
Benzo(k)fluoranthene	ND	40	32		1	80	27	30-130	40	04/14/2014 1248
Benzyl alcohol	ND	40	49		1	121	15	30-130	40	04/14/2014 1248
4-Bromophenyl phenyl ether	ND	40	41		1	102	8.9	30-130	40	04/14/2014 1248
Butyl benzyl phthalate	ND	40	42		1	106	2.2	30-130	40	04/14/2014 1248
4-Chloro-3-methyl phenol	ND	40	44		1	109	10	30-130	40	04/14/2014 1248
4-Chloroaniline	ND	40	23		1	58	1.8	48-101	40	04/14/2014 1248
bis(2-Chloroethoxy)methane	ND	40	43		1	108	15	30-130	40	04/14/2014 1248
bis(2-Chloroethyl)ether	ND	40	49		1	122	18	30-130	40	04/14/2014 1248
bis(2-Chloroisopropyl)ether	ND	40	50		1	125	17	30-130	40	04/14/2014 1248
2-Chloronaphthalene	ND	40	35		1	88	12	30-130	40	04/14/2014 1248
2-Chlorophenol	ND	40	44		1	111	16	30-130	40	04/14/2014 1248
4-Chlorophenyl phenyl ether	ND	40	41		1	103	8.8	30-130	40	04/14/2014 1248
Chrysene	ND	40	24	+	1	59	45	30-130	40	04/14/2014 1248
Dibenzo(a,h)anthracene	ND	40	21	+	1	53	48	30-130	40	04/14/2014 1248
Dibenzofuran	ND	40	42		1	105	10	30-130	40	04/14/2014 1248
1,2-Dichlorobenzene	ND	40	41		1	102	17	30-130	40	04/14/2014 1248
1,3-Dichlorobenzene	ND	40	41		1	103	17	30-130	40	04/14/2014 1248
1,4-Dichlorobenzene	ND	40	40		1	99	17	30-130	40	04/14/2014 1248
3,3'-Dichlorobenzidine	ND	80	34	+	1	42	57	30-130	40	04/14/2014 1248
2,4-Dichlorophenol	ND	40	42		1	104	13	30-130	40	04/14/2014 1248
Diethylphthalate	ND	40	43		1	108	3.1	30-130	40	04/14/2014 1248
Dimethyl phthalate	ND	40	44		1	109	5.5	30-130	40	04/14/2014 1248
3,3'-Dimethylbenzidine	ND	80	ND	N,+	1	0.00	200	10-130	40	04/14/2014 1248
2,4-Dimethylphenol	ND	40	43		1	108	2.9	30-130	40	04/14/2014 1248
Di-n-butyl phthalate	ND	40	41		1	102	1.4	30-130	40	04/14/2014 1248
4,6-Dinitro-2-methylphenol	ND	200	210		1	103	3.8	30-130	40	04/14/2014 1248
2,4-Dinitrophenol	ND	200	230		1	114	3.6	30-130	40	04/14/2014 1248
2,4-Dinitrotoluene	ND	80	86		1	107	2.7	30-130	40	04/14/2014 1248
2,6-Dinitrotoluene	ND	80	88		1	110	6.9	30-130	40	04/14/2014 1248
Di-n-octylphthalate	ND	40	17	+	1	42	53	30-130	40	04/14/2014 1248
bis(2-Ethylhexyl)phthalate	ND	40	19	+	1	47	51	30-130	40	04/14/2014 1248
Fluoranthene	ND	40	41		1	103	0.21	30-130	40	04/14/2014 1248
Fluorene	ND	40	40		1	100	7.5	30-130	40	04/14/2014 1248
Hexachlorobenzene	ND	40	39		1	97	5.1	30-130	40	04/14/2014 1248
Hexachlorobutadiene	ND	40	41		1	103	17	30-130	40	04/14/2014 1248
Hexachlorocyclopentadiene	ND	200	160		1	80	19	30-130	40	04/14/2014 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

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: PD04116-002MD
Batch: 44174
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1810

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Hexachloroethane	ND	40	41		1	103	17	30-130	40	04/14/2014 1248
Indeno(1,2,3-c,d)pyrene	ND	40	24	+	1	59	43	30-130	40	04/14/2014 1248
Isophorone	ND	40	45		1	113	13	30-130	40	04/14/2014 1248
2-Methylnaphthalene	ND	40	43		1	108	16	40-132	40	04/14/2014 1248
2-Methylphenol	ND	40	39		1	98	13	30-130	40	04/14/2014 1248
3 & 4-Methylphenol	ND	80	82		1	103	13	30-130	40	04/14/2014 1248
Naphthalene	ND	40	42		1	106	17	30-130	40	04/14/2014 1248
2-Nitroaniline	ND	80	87		1	109	7.2	30-130	40	04/14/2014 1248
3-Nitroaniline	ND	80	72		1	90	3.5	30-130	40	04/14/2014 1248
4-Nitroaniline	ND	80	98		1	122	1.3	30-130	40	04/14/2014 1248
Nitrobenzene	ND	40	46		1	115	17	30-130	40	04/14/2014 1248
2-Nitrophenol	ND	80	84		1	106	16	30-130	40	04/14/2014 1248
4-Nitrophenol	ND	200	210		1	103	0.094	30-130	40	04/14/2014 1248
N-Nitrosodimethylamine	ND	40	43		1	108	17	30-130	40	04/14/2014 1248
N-Nitrosodi-n-propylamine	ND	40	46		1	114	14	30-130	40	04/14/2014 1248
N-Nitrosodiphenylamine (Diphenylamine)	ND	8.6	43	N	1	501	15	30-130	40	04/14/2014 1248
Pentachlorophenol	ND	200	200		1	99	2.9	30-130	40	04/14/2014 1248
Phenanthrene	ND	40	42		1	105	4.3	30-130	40	04/14/2014 1248
Phenol	ND	40	43		1	107	14	30-130	40	04/14/2014 1248
Pyrene	ND	40	42		1	104	0.86	30-130	40	04/14/2014 1248
1,2,4-Trichlorobenzene	ND	40	42	N	1	105	16	50-102	40	04/14/2014 1248
2,4,5-Trichlorophenol	ND	40	42		1	106	13	30-130	40	04/14/2014 1248
2,4,6-Trichlorophenol	ND	40	43		1	106	14	30-130	40	04/14/2014 1248

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		110	41-144
2-Fluorobiphenyl		106	37-129
2-Fluorophenol		110	24-127
Nitrobenzene-d5		114	38-127
Phenol-d5		105	28-128
Terphenyl-d14		56	10-148

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

Organochlorine Pesticides by GC - MB

Sample ID: PQ44146-001
Batch: 44146
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1243

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
4,4'-DDD	ND		1	0.025	ug/L	04/09/2014 1321
4,4'-DDE	ND		1	0.025	ug/L	04/09/2014 1321
4,4'-DDT	ND		1	0.025	ug/L	04/09/2014 1321
Aldrin	ND		1	0.025	ug/L	04/09/2014 1321
alpha-BHC	ND		1	0.025	ug/L	04/09/2014 1321
beta-BHC	ND		1	0.025	ug/L	04/09/2014 1321
Chlordane	ND		1	0.25	ug/L	04/09/2014 1321
delta-BHC	ND		1	0.025	ug/L	04/09/2014 1321
Dieldrin	ND		1	0.025	ug/L	04/09/2014 1321
Endosulfan I	ND		1	0.025	ug/L	04/09/2014 1321
Endosulfan II	ND		1	0.025	ug/L	04/09/2014 1321
Endosulfan sulfate	ND		1	0.025	ug/L	04/09/2014 1321
Endrin	ND		1	0.025	ug/L	04/09/2014 1321
Endrin aldehyde	ND		1	0.025	ug/L	04/09/2014 1321
gamma-BHC (Lindane)	ND		1	0.025	ug/L	04/09/2014 1321
Heptachlor	ND		1	0.025	ug/L	04/09/2014 1321
Heptachlor epoxide	ND		1	0.025	ug/L	04/09/2014 1321
Methoxychlor	ND		1	0.10	ug/L	04/09/2014 1321
Toxaphene	ND		1	0.25	ug/L	04/09/2014 1321

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		29	10-122
Tetrachloro-m-xylene		80	46-119

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

Organochlorine Pesticides by GC - LCS

Sample ID: PQ44146-002
Batch: 44146
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1243

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	0.50	0.56		1	111	70-130	04/09/2014 1335
4,4'-DDE	0.50	0.51		1	103	70-130	04/09/2014 1335
4,4'-DDT	0.50	0.63		1	126	70-130	04/09/2014 1335
Aldrin	0.50	0.50		1	99	70-130	04/09/2014 1335
alpha-BHC	0.50	0.52		1	103	70-130	04/09/2014 1335
beta-BHC	0.50	0.47		1	94	70-130	04/09/2014 1335
delta-BHC	0.50	0.53		1	107	70-130	04/09/2014 1335
Dieldrin	0.50	0.52		1	103	70-130	04/09/2014 1335
Endosulfan I	0.50	0.50		1	101	70-130	04/09/2014 1335
Endosulfan II	0.50	0.51		1	101	70-130	04/09/2014 1335
Endosulfan sulfate	0.50	0.49		1	98	70-130	04/09/2014 1335
Endrin	0.50	0.49		1	97	70-130	04/09/2014 1335
Endrin aldehyde	0.50	0.50		1	99	70-130	04/09/2014 1335
gamma-BHC (Lindane)	0.50	0.55		1	111	70-130	04/09/2014 1335
Heptachlor	0.50	0.48		1	96	70-130	04/09/2014 1335
Heptachlor epoxide	0.50	0.49		1	98	70-130	04/09/2014 1335
Methoxychlor	0.50	0.60		1	120	70-130	04/09/2014 1335

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		60	10-122
Tetrachloro-m-xylene		82	46-119

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

Organochlorine Pesticides by GC - MS

Sample ID: PD04116-003MS
Batch: 44146
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1243

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aldrin	ND	1.0	0.84		1	84	70-130	04/09/2014 1434
alpha-BHC	ND	1.0	0.91		1	91	70-130	04/09/2014 1434
beta-BHC	ND	1.0	0.82		1	82	70-130	04/09/2014 1434
delta-BHC	ND	1.0	0.98		1	98	70-130	04/09/2014 1434
gamma-BHC (Lindane)	ND	1.0	0.95		1	95	70-130	04/09/2014 1434
4,4'-DDD	ND	1.0	1.0		1	104	70-130	04/09/2014 1434
4,4'-DDE	ND	1.0	0.89		1	89	70-130	04/09/2014 1434
4,4'-DDT	ND	1.0	1.3		1	128	70-130	04/09/2014 1434
Dieldrin	ND	1.0	0.96		1	96	70-130	04/09/2014 1434
Endosulfan I	ND	1.0	0.93		1	93	70-130	04/09/2014 1434
Endosulfan II	ND	1.0	0.99		1	99	70-130	04/09/2014 1434
Endosulfan sulfate	ND	1.0	0.93		1	93	70-130	04/09/2014 1434
Endrin	ND	1.0	1.0		1	100	70-130	04/09/2014 1434
Endrin aldehyde	ND	1.0	1.0		1	102	70-130	04/09/2014 1434
Heptachlor	ND	1.0	0.87		1	87	70-130	04/09/2014 1434
Heptachlor epoxide	ND	1.0	0.91		1	91	70-130	04/09/2014 1434
Methoxychlor	ND	1.0	1.1		1	108	70-130	04/09/2014 1434

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		61	10-122
Tetrachloro-m-xylene		71	46-119

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

Organochlorine Pesticides by GC - MSD

Sample ID: PD04116-003MD
Batch: 44146
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1243

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aldrin	ND	1.0	0.88		1	88	4.5	70-130	30	04/09/2014 1449
alpha-BHC	ND	1.0	0.95		1	95	4.7	70-130	30	04/09/2014 1449
beta-BHC	ND	1.0	0.84		1	84	2.7	70-130	30	04/09/2014 1449
delta-BHC	ND	1.0	1.0		1	100	1.8	70-130	30	04/09/2014 1449
gamma-BHC (Lindane)	ND	1.0	0.99		1	99	3.9	70-130	30	04/09/2014 1449
4,4'-DDD	ND	1.0	1.0		1	104	0.36	70-130	30	04/09/2014 1449
4,4'-DDE	ND	1.0	0.90		1	90	1.5	70-130	30	04/09/2014 1449
4,4'-DDT	ND	1.0	1.3		1	127	0.73	70-130	30	04/09/2014 1449
Dieldrin	ND	1.0	0.98		1	98	2.6	70-130	30	04/09/2014 1449
Endosulfan I	ND	1.0	0.95		1	95	2.4	70-130	30	04/09/2014 1449
Endosulfan II	ND	1.0	0.99		1	99	0.42	70-130	30	04/09/2014 1449
Endosulfan sulfate	ND	1.0	0.93		1	93	0.77	70-130	30	04/09/2014 1449
Endrin	ND	1.0	1.0		1	102	1.4	70-130	30	04/09/2014 1449
Endrin aldehyde	ND	1.0	1.0		1	104	1.2	70-130	30	04/09/2014 1449
Heptachlor	ND	1.0	0.91		1	91	4.8	70-130	30	04/09/2014 1449
Heptachlor epoxide	ND	1.0	0.93		1	93	2.1	70-130	30	04/09/2014 1449
Methoxychlor	ND	1.0	1.1		1	107	0.91	70-130	30	04/09/2014 1449

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		60	10-122
Tetrachloro-m-xylene		74	46-119

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

PCBs by GC - MB

Sample ID: PQ44147-001
Batch: 44147
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1243

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	0.25	ug/L	04/09/2014 1805
Aroclor 1221	ND		1	0.25	ug/L	04/09/2014 1805
Aroclor 1232	ND		1	0.25	ug/L	04/09/2014 1805
Aroclor 1242	ND		1	0.25	ug/L	04/09/2014 1805
Aroclor 1248	ND		1	0.25	ug/L	04/09/2014 1805
Aroclor 1254	ND		1	0.25	ug/L	04/09/2014 1805
Aroclor 1260	ND		1	0.25	ug/L	04/09/2014 1805

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		31	10-133
Tetrachloro-m-xylene		75	31-122

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

PCBs by GC - LCS

Sample ID: PQ44147-002
Batch: 44147
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1243

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	2.5	2.4		1	94	70-130	04/09/2014 1817
Aroclor 1260	2.5	1.9		1	77	70-130	04/09/2014 1817

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		58	10-133
Tetrachloro-m-xylene		85	31-122

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

PCBs by GC - MS

Sample ID: PD04116-004MS
Batch: 44147
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1243

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	ND	5.0	4.9		1	99	70-130	04/09/2014 1914
Aroclor 1260	ND	5.0	3.3	N	1	66	70-130	04/09/2014 1914

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		14	10-133
Tetrachloro-m-xylene		80	31-122

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

PCBs by GC - MSD

Sample ID: PD04116-004MD
Batch: 44147
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/07/2014 1243

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aroclor 1016	ND	5.0	4.9		1	98	0.58	70-130	30	04/09/2014 1925
Aroclor 1260	ND	5.0	3.3	N	1	66	0.15	70-130	30	04/09/2014 1925

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		14	10-133
Tetrachloro-m-xylene		80	31-122

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

Herbicides by GC - MB

Sample ID: PQ44353-001
Batch: 44353
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/09/2014 1030

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
2,4,5-T	ND		1	0.50	ug/L	04/16/2014 1830
2,4,5-TP (Silvex)	ND		1	0.50	ug/L	04/16/2014 1830
2,4-D	ND		1	2.0	ug/L	04/16/2014 1830
Dinoseb	ND		1	1.0	ug/L	04/16/2014 1830

Surrogate	Q	% Rec	Acceptance Limit
DCAA		90	62-117

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

Herbicides by GC - LCS

Sample ID: PQ44353-002
Batch: 44353
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/09/2014 1030

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-T	10	10		1	105	70-130	04/16/2014 1853
2,4,5-TP (Silvex)	10	11		1	111	70-130	04/16/2014 1853
2,4-D	10	11		1	107	70-130	04/16/2014 1853
Dinoseb	10	9.3		1	93	31-128	04/16/2014 1853

Surrogate	Q	% Rec	Acceptance Limit
DCAA		100	62-117

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

Herbicides by GC - MS

Sample ID: PD04116-001MS
Batch: 44353
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/09/2014 1030

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-T	ND	20	21		1	105	70-130	04/16/2014 1939
2,4-D	ND	20	22		1	108	70-130	04/16/2014 1939
Dinoseb	ND	20	19		1	97	31-128	04/16/2014 1939
2,4,5-TP (Silvex)	ND	20	23		1	116	70-130	04/16/2014 1939

Surrogate	Q	% Rec	Acceptance Limit
DCAA		100	62-117

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

Herbicides by GC - MSD

Sample ID: PD04116-001MD
Batch: 44353
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/09/2014 1030

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
2,4,5-T	ND	20	21		1	103	1.7	70-130	40	04/16/2014 2002
2,4-D	ND	20	22		1	110	1.9	70-130	40	04/16/2014 2002
Dinoseb	ND	20	17		1	86	11	31-128	40	04/16/2014 2002
2,4,5-TP (Silvex)	ND	20	23		1	114	1.5	70-130	40	04/16/2014 2002

Surrogate	Q	% Rec	Acceptance Limit
DCAA		105	62-117

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

Herbicides by GC - MB

Sample ID: PQ44735-001
Batch: 44735
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/14/2014 1620

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
2,4,5-T	ND		1	0.50	ug/L	04/16/2014 2243
2,4,5-TP (Silvex)	ND		1	0.50	ug/L	04/16/2014 2243
2,4-D	ND		1	2.0	ug/L	04/16/2014 2243
Dinoseb	ND		1	1.0	ug/L	04/16/2014 2243

Surrogate	Q	% Rec	Acceptance Limit
DCAA		95	62-117

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

Herbicides by GC - LCS

Sample ID: PQ44735-002
Batch: 44735
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/14/2014 1620

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-T	10	10		1	102	70-130	04/16/2014 2306
2,4,5-TP (Silvex)	10	11		1	113	70-130	04/16/2014 2306
2,4-D	10	11		1	106	70-130	04/16/2014 2306
Dinoseb	10	9.2		1	92	31-128	04/16/2014 2306

Surrogate	Q	% Rec	Acceptance Limit
DCAA		102	62-117

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

Herbicides by GC - MS

Sample ID: PD04116-005MS
Batch: 44735
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/14/2014 1620

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-T	ND	20	20		1	98	70-130	04/16/2014 2352
2,4-D	ND	20	20		1	102	70-130	04/16/2014 2352
Dinoseb	ND	20	18		1	89	31-128	04/16/2014 2352
2,4,5-TP (Silvex)	ND	20	22		1	108	70-130	04/16/2014 2352

Surrogate	Q	% Rec	Acceptance Limit
DCAA		99	62-117

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

Herbicides by GC - MSD

Sample ID: PD04116-005MD
Batch: 44735
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/14/2014 1620

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
2,4,5-T	ND	20	21		1	106	7.7	70-130	40	04/17/2014 0015
2,4-D	ND	20	23		1	114	11	70-130	40	04/17/2014 0015
Dinoseb	ND	20	22		1	112	23	31-128	40	04/17/2014 0015
2,4,5-TP (Silvex)	ND	20	23		1	117	7.4	70-130	40	04/17/2014 0015

Surrogate	Q	% Rec	Acceptance Limit
DCAA		108	62-117

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: PQ44238-001
Batch: 44238
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/08/2014 1003

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Antimony	ND		1	0.010	mg/L	04/10/2014 0151
Arsenic	ND		1	0.010	mg/L	04/10/2014 0151
Barium	ND		1	0.025	mg/L	04/10/2014 0151
Beryllium	ND		1	0.0040	mg/L	04/10/2014 0151
Cadmium	ND		1	0.0020	mg/L	04/10/2014 0151
Chromium	ND		1	0.0050	mg/L	04/10/2014 0151
Cobalt	ND		1	0.025	mg/L	04/10/2014 0151
Copper	ND		1	0.0050	mg/L	04/10/2014 0151
Lead	ND		1	0.010	mg/L	04/10/2014 0151
Nickel	ND		1	0.040	mg/L	04/10/2014 0151
Selenium	ND		1	0.010	mg/L	04/10/2014 0151
Silver	ND		1	0.0050	mg/L	04/10/2014 0151
Vanadium	ND		1	0.050	mg/L	04/10/2014 0151
Zinc	ND		1	0.020	mg/L	04/10/2014 0151

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: PQ44238-002
Batch: 44238
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/08/2014 1003

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	0.40	0.41		1	103	80-120	04/10/2014 0155
Arsenic	0.40	0.42		1	104	80-120	04/10/2014 0155
Barium	2.0	2.1		1	106	80-120	04/10/2014 0155
Beryllium	2.0	2.1		1	107	80-120	04/10/2014 0155
Cadmium	0.40	0.41		1	102	80-120	04/10/2014 0155
Chromium	2.0	2.0		1	100	80-120	04/10/2014 0155
Cobalt	2.0	2.1		1	105	80-120	04/10/2014 0155
Copper	2.0	2.0		1	101	80-120	04/10/2014 0155
Lead	0.40	0.43		1	107	80-120	04/10/2014 0155
Nickel	2.0	2.1		1	103	80-120	04/10/2014 0155
Selenium	0.40	0.44		1	111	80-120	04/10/2014 0155
Silver	0.40	0.41		1	103	80-120	04/10/2014 0155
Vanadium	2.0	2.0		1	102	80-120	04/10/2014 0155
Zinc	2.0	2.1		1	106	80-120	04/10/2014 0155

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

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

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

Appendix I Metals - LCSD

Sample ID: PQ44238-003
Batch: 44238
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/08/2014 1003

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Antimony	0.40	0.41		1	103	0.15	80-120	20	04/10/2014 0158
Arsenic	0.40	0.42		1	104	0.39	80-120	20	04/10/2014 0158
Barium	2.0	2.1		1	107	1.4	80-120	20	04/10/2014 0158
Beryllium	2.0	2.2		1	108	1.0	80-120	20	04/10/2014 0158
Cadmium	0.40	0.41		1	102	0.21	80-120	20	04/10/2014 0158
Chromium	2.0	2.0		1	99	0.35	80-120	20	04/10/2014 0158
Cobalt	2.0	2.1		1	105	0.037	80-120	20	04/10/2014 0158
Copper	2.0	2.0		1	102	1.0	80-120	20	04/10/2014 0158
Lead	0.40	0.43		1	107	0.18	80-120	20	04/10/2014 0158
Nickel	2.0	2.1		1	104	0.22	80-120	20	04/10/2014 0158
Selenium	0.40	0.43		1	107	2.9	80-120	20	04/10/2014 0158
Silver	0.40	0.42		1	104	1.1	80-120	20	04/10/2014 0158
Vanadium	2.0	2.1		1	103	1.4	80-120	20	04/10/2014 0158
Zinc	2.0	2.1		1	106	0.64	80-120	20	04/10/2014 0158

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

ICP-MS - MB

Sample ID: PQ44445-001
Batch: 44445
Analytical Method: 6020A

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/10/2014 1213

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Antimony	ND		1	1.0	ug/L	04/12/2014 0129
Arsenic	ND		1	1.0	ug/L	04/12/2014 0129
Barium	ND		1	5.0	ug/L	04/11/2014 0206
Beryllium	ND		1	0.40	ug/L	04/11/2014 0206
Cadmium	ND		1	0.10	ug/L	04/11/2014 0206
Chromium	ND		1	5.0	ug/L	04/11/2014 0206
Cobalt	ND		1	5.0	ug/L	04/11/2014 0206
Copper	ND		1	1.0	ug/L	04/12/2014 0129
Lead	ND		1	1.0	ug/L	04/11/2014 0206
Nickel	ND		1	5.0	ug/L	04/11/2014 0206
Selenium	ND		1	1.0	ug/L	04/11/2014 0206
Silver	ND		1	1.0	ug/L	04/11/2014 0206
Thallium	ND		1	0.50	ug/L	04/15/2014 2058
Tin	ND		1	5.0	ug/L	04/11/2014 0206
Vanadium	ND		1	5.0	ug/L	04/11/2014 0206
Zinc	ND		1	10	ug/L	04/12/2014 0129

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

ICP-MS - LCS

Sample ID: PQ44445-002
Batch: 44445
Analytical Method: 6020A

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/10/2014 1213

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	100	100		1	104	80-120	04/12/2014 0135
Arsenic	100	110		1	105	80-120	04/12/2014 0135
Barium	100	110		1	107	80-120	04/11/2014 0211
Beryllium	100	110		1	107	80-120	04/11/2014 0211
Cadmium	100	100		1	102	80-120	04/11/2014 0211
Chromium	100	100		1	102	80-120	04/11/2014 0211
Cobalt	100	100		1	103	80-120	04/11/2014 0211
Copper	100	110		1	107	80-120	04/12/2014 0135
Lead	100	100		1	104	80-120	04/11/2014 0211
Nickel	100	100		1	104	80-120	04/11/2014 0211
Selenium	100	96		1	96	80-120	04/11/2014 0211
Silver	100	110		1	110	80-120	04/11/2014 0211
Thallium	100	100		1	103	80-120	04/15/2014 2104
Tin	100	110		1	105	80-120	04/11/2014 0211
Vanadium	100	100		1	102	80-120	04/11/2014 0211
Zinc	100	110		1	106	80-120	04/12/2014 0135

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

ICP-MS - LCSD

Sample ID: PQ44445-003
Batch: 44445
Analytical Method: 6020A

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/10/2014 1213

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Antimony	100	110		1	105	1.7	80-120	20	04/12/2014 0140
Arsenic	100	110		1	106	0.48	80-120	20	04/12/2014 0140
Barium	100	110		1	105	1.4	80-120	20	04/11/2014 0216
Beryllium	100	100		1	105	1.6	80-120	20	04/11/2014 0216
Cadmium	100	100		1	102	0.098	80-120	20	04/11/2014 0216
Chromium	100	100		1	102	0.098	80-120	20	04/11/2014 0216
Cobalt	100	100		1	104	0.97	80-120	20	04/11/2014 0216
Copper	100	110		1	107	0.19	80-120	20	04/12/2014 0140
Lead	100	100		1	103	0.48	80-120	20	04/11/2014 0216
Nickel	100	100		1	104	0.00	80-120	20	04/11/2014 0216
Selenium	100	100		1	100	4.0	80-120	20	04/11/2014 0216
Silver	100	110		1	109	0.37	80-120	20	04/11/2014 0216
Thallium	100	100		1	105	1.7	80-120	20	04/15/2014 2109
Tin	100	100		1	104	1.3	80-120	20	04/11/2014 0216
Vanadium	100	100		1	101	1.4	80-120	20	04/11/2014 0216
Zinc	100	110		1	106	0.28	80-120	20	04/12/2014 0140

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: PQ44554-001
Batch: 44554
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/11/2014 1001

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.00010	mg/L	04/11/2014 1422

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: PQ44554-002
Batch: 44554
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/11/2014 1001

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0020		1	102	85-115	04/14/2014 1424

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: PQ44554-003
Batch: 44554
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/11/2014 1001

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0020		1	102	0.039	85-115	20	04/11/2014 1426

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: PD04116-007MS
Batch: 44554
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/11/2014 1001

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0016	N	1	82	85-115	04/11/2014 1446

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

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

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

CVAA - MSD

Sample ID: PD04116-007MD
Batch: 44554
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/11/2014 1001

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	ND	0.0020	0.0019		1	95	14	85-115	20	04/11/2014 1448

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: PD04116-008MS
Batch: 44554
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/11/2014 1001

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.00013	0.0020	0.0020		1	95	85-115	04/11/2014 1454

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

SHEALY **Chain of Custody Record**

Number 25848

Client: Enviro-Pro, P.C.
Address: 2646 Farmlake Ln.
City: Ft. Mill | State: SC | Zip Code: 29708
Project Name: Hwy 49 C&D
Project Number: EP-1271(A)
P.O Number:

Report to Contact: T. Bolyard
Telephone No. / Fax No. / Email: 803-547-4955

Preservative: 1. Unpres. 2. NaOH/ZnA 3. H2SO4 4. HNO3 5. HCL 6. Na Thio. 7. NaOH 8. Zn Acetate

Sampler (Printed Name): T. Bolyard
Waybill No.:
Quote No.:
Page 1 of 1
Lot No.: PD 04116

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 (Sug)	App II VOCs +THF	App II Vocs +THF	App II Metals + Hg	CN	Sulfide	App I Metals + Hg	App I VOCs +THF	App. II SVOCs	App II Pest/PCB	App II Herb			Remarks / Cooler ID
Number of Containers									3	2	1	1	1	1	3	2	2	2			
Bottle (See Instructions on back)									A	A	D	D	D	D	A	I	I	I			
Preservative									5	5	4	7	8	4	5	1	1	1			
MW-21	4/3/14	8:00	6	X					✓		✓	✓	✓			✓	✓	✓			Use Lower Level
MW-55		8:30	6	X					✓		✓	✓	✓			✓	✓	✓			Detection Limits
MW-56		9:00	6	X					✓		✓	✓	✓			✓	✓	✓			Also - send EDD
MW-56A		9:30	6	X					✓		✓	✓	✓			✓	✓	✓			version
MW-56D		10:00	6	X					✓		✓	✓	✓			✓	✓	✓			
MW-57		10:30	6	X					✓		✓	✓	✓			✓	✓	✓			
MW-57D		11:00	6	X					✓		✓	✓	✓			✓	✓	✓			
SW-1		11:15	6					X						✓	✓						
SW-2		11:30	6					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

	Date	Time		Date	Time
1. Relinquished by Sampler: T. Bolyard	4/4/14	1000	1. Received by	4/4/14	1000
2. Relinquished by	4/4/14	1330	2. Received by: Mike Chapman	4.4.14	1330
3. Relinquished by: Mike Chapman	4.4.14	1640	3. Received by		
4. Relinquished by			4. Laboratory Received by	4.4.14	1640

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

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

1-9 1.3

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Receipt Checklist (SRC)

Client: [illegible] Cooler Inspected by/date: ECL 4/4/14 Lot #: PD04/14

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

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

Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt:
10.9/10.0 °C 11.8/11.9 °C 11.2/11.3 °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles IR Gun ID: #3 IR Gun Correction Factor: +0.1 °C

Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

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 on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐		13. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		14. Was adequate sample volume available?
Yes ☑	No ☐		15. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		16. Were any samples containers missing?
Yes ☐	No ☑		17. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	18. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☐	19. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☑	No ☐	NA ☐	20. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☑	No ☐	NA ☐	21. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	22. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	23. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
Yes ☐	No ☑		24. Was the quote number used taken from the container label?

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) using SR # _____.

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

Sample(s)_____were received with TRC >0.2 mg/L (If #21 is No)

SC Drinking Water Project Sample(s) pH verified to be >2 by _____ Date: _____
Sample(s) _____ were not received at a pH of >2 and were adjusted accordingly using SR# _____

Sample labels applied by: ECL Verified by: [illegible] Date: 4/4/14

Comments:

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

PROJECT NO.: EP-1271(A)
PROJ. MGR.: THB
CHECKED BY:
PREPARED BY: THB

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

DEVELOP:
PURGING: ✓
SAMPLING: ✓

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-21	4-3-14	8:00	50		39.33		10.67	17	52				
	MW-55	"	8:30	23		14.55		8.45	1.3	4.1				
	MW-56	"	9:00	25		6.2		18.8	3	9				
	MW-56A	"	9:30	20		7.92		12.08	1.9	6				
	MW-56D	"	10:00	50		7.92		42.08	6	18				
	MW-57	"	10:30	17		11.41		5.59	.9	2.7				
	MW-57D	"	11:00	50		9.98		40.02	6	18				
	SW-1	"	11:15	—	—									
	SW-2	"	11:30	—	—									

Comments

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

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

(e.g., after each well volume)

Development/Purge Readings

PROJECT NO: EP-1271
PROJECT NAME: Hwy 49 C&D
LOCATION: Harrisburg, NC

DATE(S): 4/3/14
PERSONNEL: BVB

WELL ID	TIME (DURATION)	GALLONS	NTUs	TEMP (DEGREES C)	CONDUCTIVITY (2mu/cm)	pH
MW-21		1		16.9	156.9	6.8
		3		16.8	165.4	6.7
		5		16.7	169.2	6.7
MW-55		1		16.8	287.8	6.8
		2		16.7	299.0	6.6
		4		16.7	310.6	6.6
MW-56		1		17.0	234.1	6.9
		3		16.9	241.4	6.8
		5		16.7	250.7	6.7
		8		16.8	254.2	6.7
MW-56A		1		16.9	223.6	6.7
		3		16.8	236.6	6.8
		5		16.7	244.3	6.7
MW-56D		2		16.8	252.0	6.8
		4		16.7	267.1	6.7
		7		16.6	255.8	6.6
MW-57		1		16.9	213.4	6.8
		2		16.8	223.7	6.8
		2.5		16.8	232.2	6.8
MW-57D		2		16.8	189.7	6.8
		6		16.6	196.4	6.6
		9		16.6	202.5	6.7
SW-1				16.9	225.7	6.7
SW-2				16.8	235.8	6.8