May 25, 2016

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

Subject: Semi-Annual Groundwater Sampling Report (33)
Highway 49 C&D Landfill
Harrisburg, North Carolina
Project No. EP-1271(A)

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 2016 semi-annual 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

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	4/16/16

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
Signature	5/25/16 Date	Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Revised 01/2007

MONITORING REPORT (33)

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(A)

May 25, 2016

NORTH CAROLINA LICENSED SEAL 436 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 semi-annual sampling events have confirmed the presence of VOCs in some of these wells.

Field Sampling Activities:

On April 16, 2016, 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 II VOCs, Appendix II 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 and the Development/Purge Readings form included as Appendix B. Groundwater levels increased in five and decreased in two of the monitor wells since the previous sampling event on October 20, 2015.

Laboratory Test Results

In accordance with regulatory requirements, the seven monitor well 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 semi-volatile organic compounds (SVOCs), CN, sulfide, pesticides, herbicides, PCBs, total dissolved solids (TDS), chloride, sulfide, ammonia-N, carbon dioxide, and bicarbonate alkalinity. The surface water samples were analyzed for Appendix I metals and VOCs. Shealy's Report of Laboratory Analysis is attached as Appendix A. A summary of groundwater and surface water analytical results for VOCs, SVOCs, pesticides, herbicides, and metals is included in Table 1. Table 1A contains a summary of the inorganic parameter analytical results.

Laboratory test results indicate concentrations of the metals barium, calcium, and manganese in all the monitor well and surface water samples. Low concentrations of the metals arsenic, cadmium, chromium, cobalt, nickel, and zinc were detected in at least one of the wells sampled. Calcium and cobalt currently have no established 2L Standards. The remainder of the metals detected in the wells and surface water samples were below their respective 2L Standards. Manganese was detected above its 2L Standard in every groundwater and surface water sample except MW-56A. The levels identified for these metals are representative of those naturally occurring in the bedrock, soil, surface water, and groundwater in this area.

Laboratory test results from the April 16, 2016 sampling event indicate that benzene was detected in monitor wells MW-56 and MW-57 slightly below its 2L Standard. Vinyl chloride was detected in monitor wells MW-56, MW-57, and MW-57D at concentrations above its 2L Standard. The VOC compound cis-1,2-dichloroethene was detected in well MW-56 below its 2L Standard. The pesticide endosulfan II was detected in monitor well MW-56 at a level well below its 2L Standard. No other Appendix II VOC's, SVOCs, metals, PCBs, herbicides, or pesticides were detected above their respective analytical limits in the monitor well samples, surface water samples, or trip blank.

Most of the inorganic parameters have no 2L standards established. TDS was detected above its 2L Standard in wells MW-56, MW-57 and MW-57D, while chloride occurred in all the well samples below its 2L Standard.

The primary contaminant of concern (COC), vinyl chloride, decreased in one and increased in two of the saprolite monitor wells in which it was detected since the previous sampling event on October 20, 2015. The vinyl chloride detected in bedrock monitor well MW-57D also increased slightly since the previous sampling event. Overall, the current vinyl chloride levels are all lower in monitor wells MW-55, MW-56, MW-57, and MW-57D than the initial concentrations detected in 2013. Since their installation, no vinyl chloride has been detected in monitor wells MW-56A and MW-56D.

Recommendations

Coddle Creek appears to be the only potential down gradient receptor that may be impacted by contaminated groundwater migrating from this landfill facility. The most current and previous upstream and downstream sampling results indicate no contaminant impact to this surface water body from landfilling activities. The existing surface and groundwater monitoring network appears to be adequate for the detection of any contaminants released to the environment as the result of landfilling operations. Vinyl chloride levels remain lower than originally detected three years ago. Therefore, it is recommended that semi-annual sampling be continued for the Highway 49 C&D Landfill facility. The next semi-annual sampling event for the Highway 49 C&D Landfill site is scheduled for October 2016.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
Highway 49 C&D Landfill
Harrisburg, North Carolina
April 16, 2016

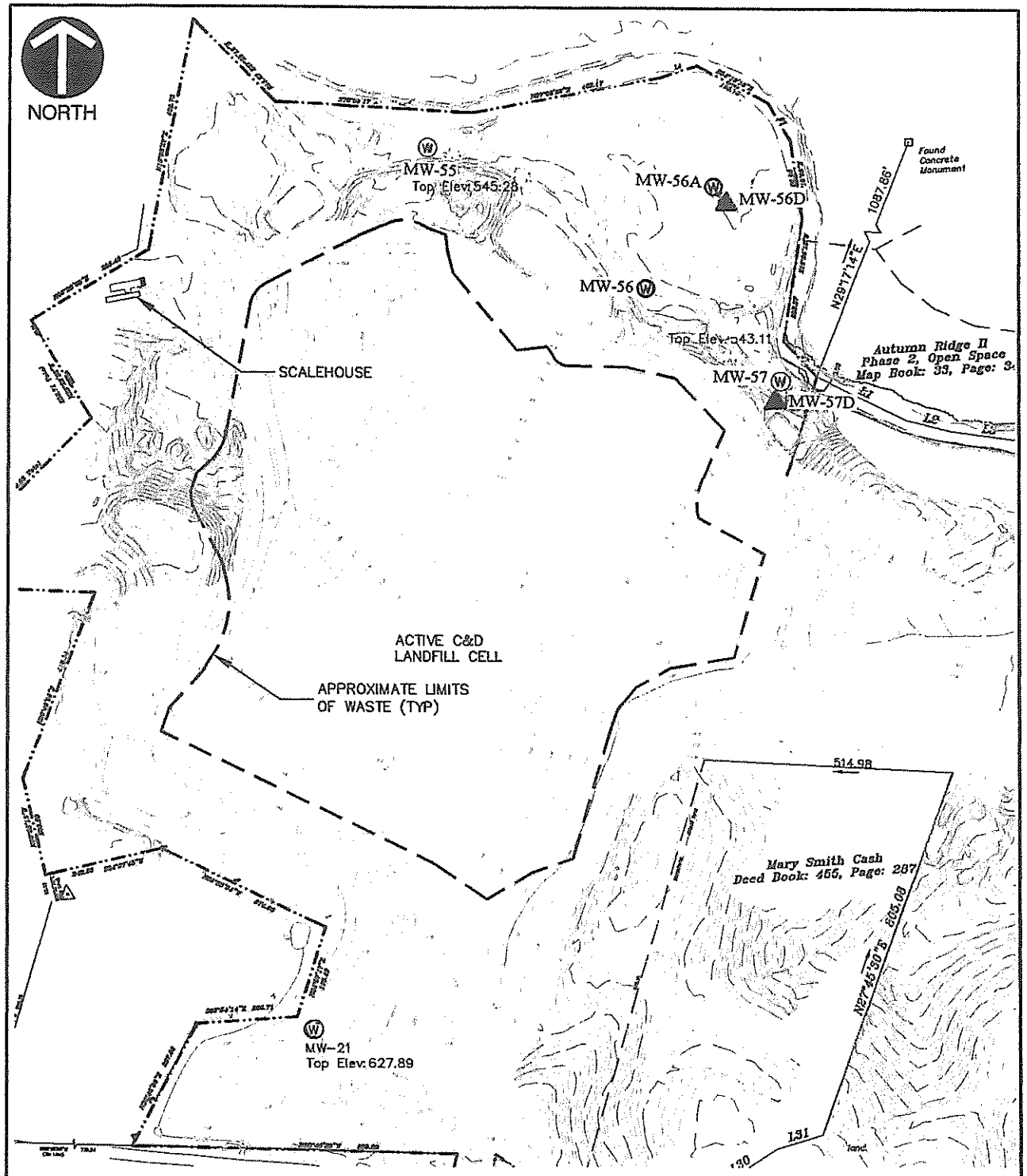
Analytical Method	8260B	8260B	8260B	6020A	6020A	6020A	6020A	6020A	6020A	6020A	6020A	6020A	6020A	8081B
Contaminant of Concern → / Sample ID	Benzene	Cis-1,2-Dichloroethene	Vinyl Chloride	Barium	Cobalt	Zinc	Cadmium	Nickel	Arsenic	Manganese	Lead	Calcium	Chromium	Endosulfin II
MW-21	BDL	BDL	BDL	0.14	0.008	0.064	0.00015	0.0053	BDL	**1.2**	0.0021	22	BDL	BDL
MW-55	BDL	BDL	BDL	0.31	0.062	0.11	0.0005	0.12	BDL	**0.59**	0.0039	69	0.032	BDL
MW-56	BDL	6.8	**20**	0.51	0.077	0.029	BDL	0.067	BDL	**13**	BDL	110	BDL	0.04
MW-56A	BDL	BDL	BDL	0.032	BDL	BDL	BDL	BDL	BDL	0.017	BDL	18	BDL	BDL
MW-56D	BDL	BDL	BDL	0.031	BDL	0.017	BDL	BDL	BDL	**0.079**	BDL	59	BDL	BDL
MW-57	BDL	BDL	**4.6**	0.44	0.046	0.01	BDL	0.01	0.0015	**19**	BDL	120	BDL	BDL
MW-57D	BDL	BDL	**1.9**	0.09	BDL	0.01	0.00031	0.089	BDL	**0.16**	BDL	240	BDL	BDL
SW-1	BDL	BDL	BDL	0.04	BDL	BDL	BDL	BDL	BDL	**0.13**	BDL	14	BDL	BDL
SW-2	BDL	BDL	BDL	0.041	BDL	BDL	BDL	BDL	BDL	**0.1**	BDL	15	BDL	BDL
Trip Blank	BDL	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2L Standard	**1**	**70**	**0.03**	**0.7**	**NE**	**1**	**0.002**	**0.1**	**0.01**	**0.05**	**0.015**	**NE**	**0.01**	**40**

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 NT = Not Tested
Shaded areas represents parameters over the 2L Standard

TABLE 1A
SUMMARY OF ANALYTICAL RESULTS
Highway 49 C&D Landfill
Harrisburg, North Carolina
April 16, 2016

Analytical Method	350.1	2320B	300.0	4500-CO2	4500-S2 F	2540C
Contaminant of Concern → / Sample ID	Ammonia-N	Alkalinity	Chloride	CO2	Sulfide	TDS
MW-21	0.56	160	4.6	230	2	210
MW-55	BDL	180	24	380	BDL	380
MW-56	0.15	420	59	870	BDL	**640**
MW-56A	BDL	24	6.5	90	1.4	200
MW-56D	BDL	180	9.1	170	BDL	320
MW-57	1.5	700	41	1200	BDL	**850**
MW-57D	BDL	850	59	940	BDL	**1400**
SW-1	NT	NT	NT	NT	NT	NT
SW-2	NT	NT	NT	NT	NT	NT
Trip Blank	NT	NT	NT	NT	NT	NT
2L Standard	**NE**	**NE**	**250**	**NE**	**NE**	**500**

Notes: All Inorganic compounds are presented in milligrams per liter (mg/l)
BDL = Below detection limit NT = Not Tested
NE = None Established
Shaded areas represents parameters over the 2L Standard



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: **EP1271(A)**

Lot Number: **RD18042**

Date Completed: **05/12/2016**

Nisreen Saikaly
Project Manager

LABORATORY ACCREDITATION BUREAU ACCREDITED

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: RD18042

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.

SVOC
The LCS associated with all samples had a low recovery for 17 analytes. The samples were re-extracted outside the holding time. The re-extract LCS had 8 analytes with low. The re-extracted sample -004 had low surrogates recovery.

Sample Summary
Enviro-Pro, P.C.
Lot Number: RD18042

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-21	Aqueous	04/16/2016 1210	04/18/2016
002	MW-55	Aqueous	04/16/2016 1000	04/18/2016
003	MW-56	Aqueous	04/16/2016 1100	04/18/2016
004	MW-56A	Aqueous	04/16/2016 1045	04/18/2016
005	MW-56D	Aqueous	04/16/2016 1035	04/18/2016
006	MW-57	Aqueous	04/16/2016 1145	04/18/2016
007	MW-57D	Aqueous	04/16/2016 1130	04/18/2016
008	SW-1	Aqueous	04/16/2016 1020	04/18/2016
009	SW-2	Aqueous	04/16/2016 1135	04/18/2016
010	TRIP BLANK	Aqueous	04/16/2016	04/18/2016

(10 samples)

Executive Summary
Enviro-Pro, P.C.
Lot Number: RD18042

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-21	Aqueous	Ammonia - N (gas	350.1	0.56		mg/L	8
001	MW-21	Aqueous	Bicarbonate Alkalinity	SM 2320B-	160		mg/L	8
001	MW-21	Aqueous	Chloride	300.0	4.6		mg/L	8
001	MW-21	Aqueous	CO2 (calculation)	SM 4500-CO2	230		mg/L	8
001	MW-21	Aqueous	Cyanide	SM 4500-CN	0.0071	J	mg/L	8
001	MW-21	Aqueous	Sulfide	SM 4500-S2 F-	2.0		mg/L	8
001	MW-21	Aqueous	TDS	SM 2540C-	210	B	mg/L	8
001	MW-21	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	1.9	J	ug/L	12
001	MW-21	Aqueous	Antimony	6020A	1.5	B	ug/L	17
001	MW-21	Aqueous	Arsenic	6020A	0.54	J	ug/L	17
001	MW-21	Aqueous	Barium	6020A	170		ug/L	17
001	MW-21	Aqueous	Beryllium	6020A	0.12	J	ug/L	17
001	MW-21	Aqueous	Cadmium	6020A	0.15		ug/L	17
001	MW-21	Aqueous	Calcium	6020A	22000		ug/L	17
001	MW-21	Aqueous	Chromium	6020A	4.3	J	ug/L	17
001	MW-21	Aqueous	Cobalt	6020A	8.0		ug/L	17
001	MW-21	Aqueous	Copper	6020A	28	B	ug/L	17
001	MW-21	Aqueous	Lead	6020A	2.1		ug/L	17
001	MW-21	Aqueous	Manganese	6020A	1200		ug/L	17
001	MW-21	Aqueous	Nickel	6020A	5.3		ug/L	17
001	MW-21	Aqueous	Vanadium	6020A	15	B	ug/L	17
001	MW-21	Aqueous	Zinc	6020A	64		ug/L	17
002	MW-55	Aqueous	Ammonia - N (gas	350.1	0.052	J	mg/L	19
002	MW-55	Aqueous	Bicarbonate Alkalinity	SM 2320B-	190		mg/L	19
002	MW-55	Aqueous	Chloride	300.0	24		mg/L	19
002	MW-55	Aqueous	CO2 (calculation)	SM 4500-CO2	380		mg/L	19
002	MW-55	Aqueous	TDS	SM 2540C-	380	B	mg/L	19
002	MW-55	Aqueous	Acetophenone	8270D	0.49	J	ug/L	22
002	MW-55	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	0.98	J	ug/L	23
002	MW-55	Aqueous	Antimony	6020A	0.89	BJ	ug/L	28
002	MW-55	Aqueous	Arsenic	6020A	1.4	J	ug/L	28
002	MW-55	Aqueous	Barium	6020A	310		ug/L	28
002	MW-55	Aqueous	Beryllium	6020A	0.36	J	ug/L	28
002	MW-55	Aqueous	Cadmium	6020A	0.50		ug/L	28
002	MW-55	Aqueous	Calcium	6020A	69000		ug/L	28
002	MW-55	Aqueous	Chromium	6020A	32		ug/L	28
002	MW-55	Aqueous	Cobalt	6020A	62		ug/L	28
002	MW-55	Aqueous	Copper	6020A	160	B	ug/L	28
002	MW-55	Aqueous	Lead	6020A	3.9		ug/L	28
002	MW-55	Aqueous	Manganese	6020A	590		ug/L	28
002	MW-55	Aqueous	Nickel	6020A	120		ug/L	28
002	MW-55	Aqueous	Thallium	6020A	0.21	J	ug/L	28
002	MW-55	Aqueous	Vanadium	6020A	69	B	ug/L	28
002	MW-55	Aqueous	Zinc	6020A	110		ug/L	28
003	MW-56	Aqueous	Ammonia - N (gas	350.1	0.15		mg/L	30

Executive Summary (Continued)

Lot Number: RD18042

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
003	MW-56	Aqueous	Bicarbonate Alkalinity	SM 2320B-	420		mg/L	30
003	MW-56	Aqueous	Chloride	300.0	59		mg/L	30
003	MW-56	Aqueous	CO2 (calculation)	SM 4500-CO2	870		mg/L	30
003	MW-56	Aqueous	TDS	SM 2540C-	640	B	mg/L	30
003	MW-56	Aqueous	Benzene	8260B	0.59	J	ug/L	31
003	MW-56	Aqueous	cis-1,2-Dichloroethene	8260B	6.8		ug/L	31
003	MW-56	Aqueous	Methylene chloride	8260B	0.79	J	ug/L	32
003	MW-56	Aqueous	Tetrahydrofuran	8260B	2.7	J	ug/L	32
003	MW-56	Aqueous	Trichloroethene	8260B	0.92	J	ug/L	32
003	MW-56	Aqueous	Vinyl chloride	8260B	20		ug/L	32
003	MW-56	Aqueous	Acetophenone	8270D	0.35	J	ug/L	33
003	MW-56	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	2.5	J	ug/L	34
003	MW-56	Aqueous	2,4-D	8151A	0.69	J	ug/L	36
003	MW-56	Aqueous	Endosulfan II	8081B	0.040		ug/L	37
003	MW-56	Aqueous	Antimony	6020A	0.51	BJ	ug/L	39
003	MW-56	Aqueous	Barium	6020A	510		ug/L	39
003	MW-56	Aqueous	Cadmium	6020A	0.070	J	ug/L	39
003	MW-56	Aqueous	Calcium	6020A	110000		ug/L	39
003	MW-56	Aqueous	Chromium	6020A	1.0	J	ug/L	39
003	MW-56	Aqueous	Cobalt	6020A	77		ug/L	39
003	MW-56	Aqueous	Copper	6020A	4.5	B	ug/L	39
003	MW-56	Aqueous	Lead	6020A	0.46	J	ug/L	39
003	MW-56	Aqueous	Manganese	6020A	13000		ug/L	39
003	MW-56	Aqueous	Nickel	6020A	67		ug/L	39
003	MW-56	Aqueous	Vanadium	6020A	14	B	ug/L	39
003	MW-56	Aqueous	Zinc	6020A	29		ug/L	39
004	MW-56A	Aqueous	Bicarbonate Alkalinity	SM 2320B-	24		mg/L	41
004	MW-56A	Aqueous	Chloride	300.0	6.5		mg/L	41
004	MW-56A	Aqueous	CO2 (calculation)	SM 4500-CO2	90		mg/L	41
004	MW-56A	Aqueous	Sulfide	SM 4500-S2 F-	1.4		mg/L	41
004	MW-56A	Aqueous	TDS	SM 2540C-	200	B	mg/L	41
004	MW-56A	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	0.52	J	ug/L	45
004	MW-56A	Aqueous	Antimony	6020A	0.17	BJ	ug/L	50
004	MW-56A	Aqueous	Barium	6020A	32		ug/L	50
004	MW-56A	Aqueous	Calcium	6020A	18000		ug/L	50
004	MW-56A	Aqueous	Chromium	6020A	0.88	J	ug/L	50
004	MW-56A	Aqueous	Cobalt	6020A	0.44	J	ug/L	50
004	MW-56A	Aqueous	Copper	6020A	2.8	B	ug/L	50
004	MW-56A	Aqueous	Manganese	6020A	17		ug/L	50
004	MW-56A	Aqueous	Nickel	6020A	0.77	J	ug/L	50
004	MW-56A	Aqueous	Vanadium	6020A	2.6	BJ	ug/L	50
004	MW-56A	Aqueous	Zinc	6020A	3.4	J	ug/L	50
005	MW-56D	Aqueous	Bicarbonate Alkalinity	SM 2320B-	180		mg/L	52
005	MW-56D	Aqueous	Chloride	300.0	9.1		mg/L	52
005	MW-56D	Aqueous	CO2 (calculation)	SM 4500-CO2	170		mg/L	52
005	MW-56D	Aqueous	TDS	SM 2540C-	320	B	mg/L	52
005	MW-56D	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	4.9	J	ug/L	56
005	MW-56D	Aqueous	Antimony	6020A	0.50	BJ	ug/L	61

Executive Summary (Continued)

Lot Number: RD18042

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
005	MW-56D	Aqueous	Arsenic	6020A	0.37	J	ug/L	61
005	MW-56D	Aqueous	Barium	6020A	31		ug/L	61
005	MW-56D	Aqueous	Cadmium	6020A	0.065	J	ug/L	61
005	MW-56D	Aqueous	Calcium	6020A	59000		ug/L	61
005	MW-56D	Aqueous	Cobalt	6020A	0.58	J	ug/L	61
005	MW-56D	Aqueous	Copper	6020A	2.6	B	ug/L	61
005	MW-56D	Aqueous	Manganese	6020A	79		ug/L	61
005	MW-56D	Aqueous	Nickel	6020A	3.0	J	ug/L	61
005	MW-56D	Aqueous	Vanadium	6020A	3.4	BJ	ug/L	61
005	MW-56D	Aqueous	Zinc	6020A	17		ug/L	61
006	MW-57	Aqueous	Ammonia - N (gas	350.1	1.5		mg/L	63
006	MW-57	Aqueous	Bicarbonate Alkalinity	SM 2320B-	700		mg/L	63
006	MW-57	Aqueous	Chloride	300.0	41		mg/L	63
006	MW-57	Aqueous	CO2 (calculation)	SM 4500-CO2	1200		mg/L	63
006	MW-57	Aqueous	TDS	SM 2540C-	850	B	mg/L	63
006	MW-57	Aqueous	Benzene	8260B	0.31	J	ug/L	64
006	MW-57	Aqueous	Vinyl chloride	8260B	4.6		ug/L	65
006	MW-57	Aqueous	2,4-Dimethylphenol	8270D	0.24	J	ug/L	66
006	MW-57	Aqueous	Antimony	6020A	0.20	BJ	ug/L	72
006	MW-57	Aqueous	Arsenic	6020A	1.5		ug/L	72
006	MW-57	Aqueous	Barium	6020A	440		ug/L	72
006	MW-57	Aqueous	Cadmium	6020A	0.058	J	ug/L	72
006	MW-57	Aqueous	Calcium	6020A	120000		ug/L	72
006	MW-57	Aqueous	Chromium	6020A	1.4	J	ug/L	72
006	MW-57	Aqueous	Cobalt	6020A	46		ug/L	72
006	MW-57	Aqueous	Copper	6020A	3.8	B	ug/L	72
006	MW-57	Aqueous	Lead	6020A	0.63	J	ug/L	72
006	MW-57	Aqueous	Manganese	6020A	19000		ug/L	72
006	MW-57	Aqueous	Nickel	6020A	10		ug/L	72
006	MW-57	Aqueous	Vanadium	6020A	7.6	B	ug/L	72
006	MW-57	Aqueous	Zinc	6020A	10		ug/L	72
007	MW-57D	Aqueous	Bicarbonate Alkalinity	SM 2320B-	850		mg/L	74
007	MW-57D	Aqueous	Chloride	300.0	59		mg/L	74
007	MW-57D	Aqueous	CO2 (calculation)	SM 4500-CO2	940		mg/L	74
007	MW-57D	Aqueous	TDS	SM 2540C-	1400	B	mg/L	74
007	MW-57D	Aqueous	Vinyl chloride	8260B	1.9		ug/L	76
007	MW-57D	Aqueous	Acetophenone	8270D	0.34	J	ug/L	77
007	MW-57D	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	1.7	J	ug/L	78
007	MW-57D	Aqueous	4,4'-DDT	8081B	0.021	J	ug/L	81
007	MW-57D	Aqueous	Endrin	8081B	0.029	J	ug/L	81
007	MW-57D	Aqueous	Endrin aldehyde	8081B	0.024	J	ug/L	81
007	MW-57D	Aqueous	Antimony	6020A	0.70	BJ	ug/L	83
007	MW-57D	Aqueous	Barium	6020A	90		ug/L	83
007	MW-57D	Aqueous	Cadmium	6020A	0.31		ug/L	83
007	MW-57D	Aqueous	Calcium	6020A	240000		ug/L	83
007	MW-57D	Aqueous	Chromium	6020A	1.7	J	ug/L	83
007	MW-57D	Aqueous	Cobalt	6020A	1.5	J	ug/L	83
007	MW-57D	Aqueous	Copper	6020A	15	B	ug/L	83

Executive Summary (Continued)

Lot Number: RD18042

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
007	MW-57D	Aqueous	Lead	6020A	0.27	J	ug/L	83
007	MW-57D	Aqueous	Manganese	6020A	160		ug/L	83
007	MW-57D	Aqueous	Nickel	6020A	89		ug/L	83
007	MW-57D	Aqueous	Silver	6020A	0.25	J	ug/L	83
007	MW-57D	Aqueous	Vanadium	6020A	12	B	ug/L	83
007	MW-57D	Aqueous	Zinc	6020A	10		ug/L	83
008	SW-1	Aqueous	Barium	6020A	40		ug/L	87
008	SW-1	Aqueous	Calcium	6020A	14000		ug/L	87
008	SW-1	Aqueous	Cobalt	6020A	0.29	J	ug/L	87
008	SW-1	Aqueous	Copper	6020A	0.80	BJ	ug/L	87
008	SW-1	Aqueous	Manganese	6020A	130		ug/L	87
008	SW-1	Aqueous	Vanadium	6020A	2.3	BJ	ug/L	87
009	SW-2	Aqueous	Antimony	6020A	0.28	BJ	ug/L	91
009	SW-2	Aqueous	Barium	6020A	41		ug/L	91
009	SW-2	Aqueous	Calcium	6020A	15000		ug/L	91
009	SW-2	Aqueous	Cobalt	6020A	0.38	J	ug/L	91
009	SW-2	Aqueous	Copper	6020A	1.1	B	ug/L	91
009	SW-2	Aqueous	Manganese	6020A	130		ug/L	91
009	SW-2	Aqueous	Vanadium	6020A	2.1	BJ	ug/L	91

(160 detections)

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18042-001**
Description: **MW-21**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	350.1	(Ammonia - N) 350.1	1	04/25/2016 1317	HKB		11700
1		(Bicarbonate) SM 2320B-2011	1	04/26/2016 1936	MJI		
1		(Chloride) 300.0	1	04/26/2016 0101	SLU		11732
1		(CO2 (calcula) SM 4500-CO2 D	1	04/26/2016 1936	MJI		
1		(Cyanide) SM 4500-CN E-2011	1	04/21/2016 1204	HKB	04/20/2016 1804	11388
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2016 1538	HMA		11591
1		(TDS) SM 2540C-2011	1	04/20/2016 1830	AMM1		11361

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ammonia - N (gas diffusion)		350.1	0.56		0.10	0.050	mg/L	1
Bicarbonate Alkalinity		SM 2320B-20	160		10	1.2	mg/L	1
Chloride		300.0	4.6		1.0	0.033	mg/L	1
CO2 (calculation)	124-38-9	SM 4500-CO2	230		27		mg/L	1
Cyanide	57-12-5	SM 4500-CN	0.0071	J	0.010	0.0060	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	2.0		1.0	0.62	mg/L	1
TDS		SM 2540C-20	210	B	10	3.4	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 MDL
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.**
Laboratory ID: **RD18042-001**
Description: **MW-21**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1215	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	14	ug/L	1
Acrolein	107-02-8	8260B	ND		20	2.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.22	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.85	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.85	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.15	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.17	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.28	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	23	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	0.31	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	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 MDL
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.**
Laboratory ID: **RD18042-001**
Description: **MW-21**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1215	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.27	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	8.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		86	70-130
Toluene-d8		95	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 MDL
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-21**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1606	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.040	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.040	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.23	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	1.7	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	1.1	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.10	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.040	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.070	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.040	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.84	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.15	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	0.21	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.26	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	0.41	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.060	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.16	ug/L	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1.0	0.17	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.15	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.16	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.030	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	0.67	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	0.68	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.030	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	0.17	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.18	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.19	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.34	ug/L	1
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	0.35	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	0.19	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	0.71	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	0.18	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	0.53	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	0.30	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	1.1	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	0.080	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.15	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	0.42	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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-21**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1606	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	0.89	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	0.77	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	1.3	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	1.8	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.34	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	0.48	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	0.25	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	0.42	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	2.2	ug/L	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**1.9**	**J**	**5.0**	**0.38**	**ug/L**	**1**
Famphur	52-85-7	8270D	ND		5.0	4.1	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.030	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.15	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.17	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	1.1	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.17	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	0.27	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.040	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.22	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	0.50	ug/L	1
Kepone	143-50-0	8270D	ND		10	4.3	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	2.7	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	0.49	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	3.2	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	0.98	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.040	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.21	ug/L	1
3+4-Methylphenol	106-44-5	8270D	ND		2.0	0.46	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.050	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	0.040	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	0.030	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	0.14	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.66	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.15	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	1.3	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.17	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	2.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.44	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	2.1	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.14	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 MDL 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.**
Laboratory ID: **RD18042-001**
Description: **MW-21**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1606	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.28	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.84	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	0.20	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	0.22	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	0.26	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	0.28	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	0.64	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	1.3	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.060	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.19	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	1.8	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	1.2	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	0.81	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	0.26	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	0.25	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	1.7	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	0.92	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	0.17	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.19	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	0.36	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	0.75	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		71	41-144
2-Fluorobiphenyl		53	37-129
2-Fluorophenol		49	24-127
Nitrobenzene-d5		54	38-127
Phenol-d5		51	28-128
Terphenyl-d14		69	10-148

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 MDL
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-21**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/27/2016 0006	MEM	04/22/2016 0945	11533

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.013	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.050	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.14	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.010	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		76	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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.**
Laboratory ID: **RD18042-001**
Description: **MW-21**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/21/2016 1617	PMS	04/20/2016 1300	11323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.015	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.040	0.017	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.040	0.015	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.015	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.015	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.15	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.040	0.015	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.040	0.015	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.015	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.015	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.015	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.015	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.015	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.015	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.016	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.021	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.30	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		53	10-122
Tetrachloro-m-xylene		81	46-119

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 MDL
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"

PCBs by GC

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18042-001**
Description: **MW-21**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	3665A	8082A	1	04/22/2016 1644	MEM	04/20/2016 1300	11324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.40	0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.40	0.15	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		48	10-133
Tetrachloro-m-xylene		102	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 MDL
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"

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-21**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1539	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**1.5**	**B**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	**7440-38-2**	**6020A**	**0.54**	**J**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**170**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**0.12**	**J**	**0.40**	**0.12**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**0.15**		**0.10**	**0.044**	**ug/L**	**1**
Calcium	**7440-70-2**	**6020A**	**22000**		**200**	**11**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**4.3**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**8.0**		**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**28**	**B**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**2.1**		**1.0**	**0.15**	**ug/L**	**1**
Manganese	**7439-96-5**	**6020A**	**1200**		**5.0**	**0.54**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**5.3**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	1
Tin	7440-31-5	6020A	ND		5.0	2.7	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**15**	**B**	**5.0**	**1.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**64**		**10**	**1.6**	**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 MDL | 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-21**
Date Sampled: **04/16/2016 1210**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1258	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	350.1	(Ammonia - N) 350.1	1	04/25/2016 1319	HKB		11700
1		(Bicarbonate) SM 2320B-2011	1	04/26/2016 2001	MJI		
1		(Chloride) 300.0	1	04/26/2016 0125	SLU		11732
1		(CO2 (calcula) SM 4500-CO2 D	1	04/26/2016 2001	MJI		
1		(Cyanide) SM 4500-CN E-2011	1	04/21/2016 1207	HKB	04/20/2016 1804	11388
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2016 1538	HMA		11591
1		(TDS) SM 2540C-2011	1	04/20/2016 1830	AMM1		11361

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ammonia - N (gas diffusion)		**350.1**	**0.052**	**J**	**0.10**	**0.050**	**mg/L**	**1**
Bicarbonate Alkalinity		**SM 2320B-20**	**190**		**10**	**1.2**	**mg/L**	**1**
Chloride		**300.0**	**24**		**1.0**	**0.033**	**mg/L**	**1**
CO2 (calculation)	**124-38-9**	**SM 4500-CO2**	**380**		**27**		**mg/L**	**1**
Cyanide	57-12-5	SM 4500-CN	ND		0.010	0.0060	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	0.62	mg/L	1
TDS		**SM 2540C-20**	**380**	**B**	**10**	**3.4**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **RD18042-002**
Description: **MW-55**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1000**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1238	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	14	ug/L	1
Acrolein	107-02-8	8260B	ND		20	2.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.22	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.85	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.85	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.15	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.17	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.28	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	23	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	0.31	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	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 MDL
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.**
Laboratory ID: **RD18042-002**
Description: **MW-55**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1000**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1238	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.27	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	8.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		101	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 MDL
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: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1744	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.040	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.040	ug/L	1
Acetophenone	**98-86-2**	**8270D**	**0.49**	**J**	**1.0**	**0.23**	**ug/L**	**1**
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	1.7	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	1.1	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.10	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.040	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.070	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.040	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.84	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.15	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	0.21	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.26	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	0.41	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.060	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.16	ug/L	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1.0	0.17	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.15	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.16	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.030	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	0.67	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	0.68	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.030	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	0.17	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.18	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.19	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.34	ug/L	1
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	0.35	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	0.19	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	0.71	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	0.18	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	0.53	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	0.30	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	1.1	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	0.080	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.15	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	0.42	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1744	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	0.89	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	0.77	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	1.3	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	1.8	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.34	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	0.48	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	0.25	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	0.42	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	2.2	ug/L	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**0.98**	**J**	**5.0**	**0.38**	**ug/L**	**1**
Famphur	52-85-7	8270D	ND		5.0	4.1	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.030	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.15	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.17	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	1.1	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.17	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	0.27	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.040	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.22	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	0.50	ug/L	1
Kepone	143-50-0	8270D	ND		10	4.3	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	2.7	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	0.49	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	3.2	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	0.98	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.040	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.21	ug/L	1
3+4-Methylphenol	106-44-5	8270D	ND		2.0	0.46	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.050	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	0.040	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	0.030	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	0.14	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.66	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.15	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	1.3	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.17	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	2.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.44	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	2.1	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.14	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1744	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.28	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.84	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	0.20	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	0.22	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	0.26	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	0.28	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	0.64	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	1.3	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.060	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.19	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	1.8	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	1.2	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	0.81	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	0.26	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	0.25	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	1.7	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	0.92	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	0.17	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.19	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	0.36	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	0.75	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		69	41-144
2-Fluorobiphenyl		47	37-129
2-Fluorophenol		46	24-127
Nitrobenzene-d5		49	38-127
Phenol-d5		49	28-128
Terphenyl-d14		62	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/27/2016 0115	MEM	04/22/2016 0945	11533

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.013	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.050	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.14	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.010	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		73	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/21/2016 1701	PMS	04/20/2016 1300	11323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.015	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.040	0.017	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.040	0.015	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.015	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.015	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.15	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.040	0.015	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.040	0.015	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.015	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.015	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.015	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.015	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.015	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.015	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.016	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.021	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.30	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		74	10-122
Tetrachloro-m-xylene		77	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-002**
Matrix: **Aqueous**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	3665A	8082A	1	04/22/2016 1657	MEM	04/20/2016 1300	11324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.40	0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.40	0.15	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		66	10-133
Tetrachloro-m-xylene		96	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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.**
Laboratory ID: **RD18042-002**
Description: **MW-55**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1000**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1544	BNW	04/21/2016 1221	11434
2	3005A	6020A	5	04/21/2016 1953	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.89**	**BJ**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	**7440-38-2**	**6020A**	**1.4**	**J**	**5.0**	**1.3**	**ug/L**	**2**
Barium	**7440-39-3**	**6020A**	**310**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	**7440-41-7**	**6020A**	**0.36**	**J**	**0.40**	**0.12**	**ug/L**	**1**
Cadmium	**7440-43-9**	**6020A**	**0.50**		**0.50**	**0.22**	**ug/L**	**2**
Calcium	**7440-70-2**	**6020A**	**69000**		**200**	**11**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**32**		**25**	**3.2**	**ug/L**	**2**
Cobalt	**7440-48-4**	**6020A**	**62**		**25**	**1.3**	**ug/L**	**2**
Copper	**7440-50-8**	**6020A**	**160**	**B**	**5.0**	**0.76**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**3.9**		**1.0**	**0.15**	**ug/L**	**1**
Manganese	**7439-96-5**	**6020A**	**590**		**25**	**2.7**	**ug/L**	**2**
Nickel	**7440-02-0**	**6020A**	**120**		**25**	**3.1**	**ug/L**	**2**
Selenium	7782-49-2	6020A	ND		5.0	4.8	ug/L	2
Silver	7440-22-4	6020A	ND		5.0	0.85	ug/L	2
Thallium	**7440-28-0**	**6020A**	**0.21**	**J**	**0.50**	**0.075**	**ug/L**	**1**
Tin	7440-31-5	6020A	ND		5.0	2.7	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**69**	**B**	**25**	**5.1**	**ug/L**	**2**
Zinc	**7440-66-6**	**6020A**	**110**		**50**	**8.0**	**ug/L**	**2**

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 MDL
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-55**
Date Sampled: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1300	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/16/2016 1100**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	350.1	(Ammonia - N) 350.1	1	04/25/2016 1321	HKB		11700
1		(Bicarbonate) SM 2320B-2011	1	04/26/2016 2010	MJI		
1		(Chloride) 300.0	1	04/26/2016 0149	SLU		11732
1		(CO2 (calcula) SM 4500-CO2 D	1	04/26/2016 2010	MJI		
1		(Cyanide) SM 4500-CN E-2011	1	04/21/2016 1208	HKB	04/20/2016 1804	11388
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2016 1538	HMA		11591
1		(TDS) SM 2540C-2011	1	04/20/2016 1830	AMM1		11361

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ammonia - N (gas diffusion)		**350.1**	**0.15**		**0.10**	**0.050**	**mg/L**	**1**
Bicarbonate Alkalinity		**SM 2320B-20**	**420**		**10**	**1.2**	**mg/L**	**1**
Chloride		**300.0**	**59**		**1.0**	**0.033**	**mg/L**	**1**
CO2 (calculation)	**124-38-9**	**SM 4500-CO2**	**870**		**27**		**mg/L**	**1**
Cyanide	57-12-5	SM 4500-CN	ND		0.010	0.0060	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	0.62	mg/L	1
TDS		**SM 2540C-20**	**640**	**B**	**10**	**3.4**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/16/2016 1100**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1302	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	14	ug/L	1
Acrolein	107-02-8	8260B	ND		20	2.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.59**	**J**	**1.0**	**0.21**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.22	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.85	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.85	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**6.8**		**1.0**	**0.20**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.15	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.17	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.28	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	23	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	0.31	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **RD18042-003**
Description: **MW-56**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1100**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1302	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.27	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	**75-09-2**	**8260B**	**0.79**	**J**	**1.0**	**0.42**	**ug/L**	**1**
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	8.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	**109-99-9**	**8260B**	**2.7**	**J**	**5.0**	**0.57**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**0.92**	**J**	**1.0**	**0.16**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**20**		**1.0**	**0.50**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		101	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 MDL
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.**
Laboratory ID: **RD18042-003**
Description: **MW-56**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1100**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1808	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.040	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.040	ug/L	1
Acetophenone	**98-86-2**	**8270D**	**0.35**	**J**	**1.0**	**0.23**	**ug/L**	**1**
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	1.7	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	1.1	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.10	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.040	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.070	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.040	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.84	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.15	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	0.21	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.26	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	0.41	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.060	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.16	ug/L	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1.0	0.17	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.15	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.16	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.030	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	0.67	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	0.68	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.030	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	0.17	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.18	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.19	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.34	ug/L	1
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	0.35	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	0.19	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	0.71	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	0.18	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	0.53	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	0.30	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	1.1	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	0.080	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.15	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	0.42	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 MDL
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: **04/16/2016 1100**
Date Received: **04/18/2016**
Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1808	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	0.89	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	0.77	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	1.3	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	1.8	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.34	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	0.48	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	0.25	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	0.42	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	2.2	ug/L	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**2.5**	**J**	**5.0**	**0.38**	**ug/L**	**1**
Famphur	52-85-7	8270D	ND		5.0	4.1	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.030	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.15	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.17	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	1.1	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.17	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	0.27	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.040	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.22	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	0.50	ug/L	1
Kepone	143-50-0	8270D	ND		10	4.3	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	2.7	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	0.49	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	3.2	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	0.98	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.040	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.21	ug/L	1
3+4-Methylphenol	106-44-5	8270D	ND		2.0	0.46	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.050	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	0.040	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	0.030	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	0.14	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.66	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.15	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	1.3	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.17	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	2.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.44	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	2.1	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.14	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 MDL 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: **04/16/2016 1100**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1808	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.28	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.84	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	0.20	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	0.22	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	0.26	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	0.28	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	0.64	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	1.3	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.060	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.19	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	1.8	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	1.2	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	0.81	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	0.26	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	0.25	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	1.7	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	0.92	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	0.17	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.19	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	0.36	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	0.75	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		82	41-144
2-Fluorobiphenyl		57	37-129
2-Fluorophenol		49	24-127
Nitrobenzene-d5		53	38-127
Phenol-d5		52	28-128
Terphenyl-d14		67	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/16/2016 1100**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/29/2016 2124	MEM	04/22/2016 0945	11533

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.013	ug/L	1
2,4-D	**94-75-7**	**8151A**	**0.69**	**J**	**2.0**	**0.050**	**ug/L**	**1**
Dinoseb	88-85-7	8151A	ND		1.0	0.14	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.010	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 MDL
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"

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

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/16/2016 1100**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/21/2016 1716	PMS	04/20/2016 1300	11323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.015	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.040	0.017	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.040	0.015	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.015	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.015	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.15	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.040	0.015	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.040	0.015	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.015	ug/L	1
Endosulfan II	**33213-65-9**	**8081B**	**0.040**		**0.040**	**0.015**	**ug/L**	**1**
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.015	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.015	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.015	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.015	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.016	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.021	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.30	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		46	10-122
Tetrachloro-m-xylene		75	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1100**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	3665A	8082A	1	04/22/2016 1738	MEM	04/20/2016 1300	11324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.40	0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.40	0.15	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		43	10-133
Tetrachloro-m-xylene		93	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/16/2016 1100**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1550	BNW	04/21/2016 1221	11434
2	3005A	6020A	50	04/21/2016 1958	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.51**	**BJ**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**510**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.070**	**J**	**0.10**	**0.044**	**ug/L**	**1**
Calcium	**7440-70-2**	**6020A**	**110000**		**10000**	**560**	**ug/L**	**2**
Chromium	**7440-47-3**	**6020A**	**1.0**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**77**		**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**4.5**	**B**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.46**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Manganese	**7439-96-5**	**6020A**	**13000**		**250**	**27**	**ug/L**	**2**
Nickel	**7440-02-0**	**6020A**	**67**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	1
Tin	7440-31-5	6020A	ND		5.0	2.7	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**14**	**B**	**5.0**	**1.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**29**		**10**	**1.6**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-56**
Date Sampled: **04/16/2016 1100**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1303	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	350.1	(Ammonia - N) 350.1	1	04/25/2016 1323	HKB		11700
1		(Bicarbonate) SM 2320B-2011	1	04/26/2016 2014	MJI		
1		(Chloride) 300.0	1	04/26/2016 0213	SLU		11732
1		(CO2 (calcula) SM 4500-CO2 D	1	04/26/2016 2014	MJI		
1		(Cyanide) SM 4500-CN E-2011	1	04/21/2016 1212	HKB	04/20/2016 1804	11388
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2016 1538	HMA		11591
1		(TDS) SM 2540C-2011	1	04/20/2016 1830	AMM1		11361

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ammonia - N (gas diffusion)		350.1	ND		0.10	0.050	mg/L	1
Bicarbonate Alkalinity		**SM 2320B-20**	**24**		**10**	**1.2**	**mg/L**	**1**
Chloride		**300.0**	**6.5**		**1.0**	**0.033**	**mg/L**	**1**
CO2 (calculation)	**124-38-9**	**SM 4500-CO2**	**90**		**27**		**mg/L**	**1**
Cyanide	57-12-5	SM 4500-CN	ND		0.010	0.0060	mg/L	1
Sulfide	**18496-25-8**	**SM 4500-S2**	**1.4**		**1.0**	**0.62**	**mg/L**	**1**
TDS		**SM 2540C-20**	**200**	**B**	**10**	**3.4**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1347	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	14	ug/L	1
Acrolein	107-02-8	8260B	ND		20	2.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.22	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.85	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.85	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.15	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.17	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.28	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	23	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	0.31	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **RD18042-004**
Description: **MW-56A**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1347	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.27	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	8.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		100	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 MDL
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-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1833	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.040	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.040	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.23	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	1.7	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	1.1	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.10	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.040	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.070	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.040	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.84	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.15	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	0.21	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.26	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	0.41	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.060	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.16	ug/L	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1.0	0.17	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.15	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.16	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.030	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	0.67	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	0.68	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.030	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	0.17	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.18	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.19	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.34	ug/L	1
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	0.35	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	0.19	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	0.71	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	0.18	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	0.53	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	0.30	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	1.1	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	0.080	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.15	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	0.42	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 MDL
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-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1833	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	0.89	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	0.77	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	1.3	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	1.8	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.34	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	0.48	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	0.25	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	0.42	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	2.2	ug/L	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**0.52**	**J**	**5.0**	**0.38**	**ug/L**	**1**
Famphur	52-85-7	8270D	ND		5.0	4.1	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.030	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.15	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.17	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	1.1	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.17	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	0.27	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.040	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.22	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	0.50	ug/L	1
Kepone	143-50-0	8270D	ND		10	4.3	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	2.7	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	0.49	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	3.2	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	0.98	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.040	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.21	ug/L	1
3+4-Methylphenol	106-44-5	8270D	ND		2.0	0.46	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.050	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	0.040	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	0.030	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	0.14	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.66	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.15	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	1.3	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.17	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	2.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.44	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	2.1	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.14	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 MDL
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-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1833	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.28	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.84	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	0.20	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	0.22	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	0.26	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	0.28	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	0.64	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	1.3	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.060	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.19	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	1.8	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	1.2	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	0.81	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	0.26	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	0.25	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	1.7	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	0.92	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	0.17	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.19	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	0.36	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	0.75	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		58	41-144
2-Fluorobiphenyl		52	37-129
2-Fluorophenol		42	24-127
Nitrobenzene-d5		52	38-127
Phenol-d5		41	28-128
Terphenyl-d14		53	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/27/2016 0200	MEM	04/22/2016 0945	11533

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.013	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.050	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.14	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.010	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		65	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/21/2016 1731	PMS	04/20/2016 1300	11323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.015	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.040	0.017	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.040	0.015	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.015	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.015	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.15	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.040	0.015	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.040	0.015	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.015	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.015	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.015	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.015	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.015	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.015	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.016	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.021	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.30	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		28	10-122
Tetrachloro-m-xylene		81	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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.**
Laboratory ID: **RD18042-004**
Description: **MW-56A**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	3665A	8082A	1	04/22/2016 1751	MEM	04/20/2016 1300	11324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.40	0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.40	0.15	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		22	10-133
Tetrachloro-m-xylene		86	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 MDL
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"

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1555	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.17**	**BJ**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**32**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.044	ug/L	1
Calcium	**7440-70-2**	**6020A**	**18000**		**200**	**11**	**ug/L**	**1**
Chromium	**7440-47-3**	**6020A**	**0.88**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**0.44**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**2.8**	**B**	**1.0**	**0.15**	**ug/L**	**1**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Manganese	**7439-96-5**	**6020A**	**17**		**5.0**	**0.54**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**0.77**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	1
Tin	7440-31-5	6020A	ND		5.0	2.7	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**2.6**	**BJ**	**5.0**	**1.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**3.4**	**J**	**10**	**1.6**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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-56A**
Date Sampled: **04/16/2016 1045**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1305	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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.**
Laboratory ID: **RD18042-005**
Description: **MW-56D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1035**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	350.1	(Ammonia - N) 350.1	1	04/25/2016 1606	HKB		11764
1		(Bicarbonate) SM 2320B-2011	1	04/26/2016 2020	MJI		
1		(Chloride) 300.0	1	04/26/2016 0325	SLU		11732
1		(CO2 (calcula) SM 4500-CO2 D	1	04/26/2016 2020	MJI		
1		(Cyanide) SM 4500-CN E-2011	1	04/21/2016 1213	HKB	04/20/2016 1804	11388
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2016 1538	HMA		11591
1		(TDS) SM 2540C-2011	1	04/20/2016 1830	AMM1		11361

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ammonia - N (gas diffusion)		350.1	ND		0.10	0.050	mg/L	1
Bicarbonate Alkalinity		**SM 2320B-20**	**180**		**10**	**1.2**	**mg/L**	**1**
Chloride		**300.0**	**9.1**		**1.0**	**0.033**	**mg/L**	**1**
CO2 (calculation)	**124-38-9**	**SM 4500-CO2**	**170**		**27**		**mg/L**	**1**
Cyanide	57-12-5	SM 4500-CN	ND		0.010	0.0060	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	0.62	mg/L	1
TDS		**SM 2540C-20**	**320**	**B**	**10**	**3.4**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1035**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1410	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	14	ug/L	1
Acrolein	107-02-8	8260B	ND		20	2.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.22	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.85	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.85	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.15	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.17	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.28	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	23	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	0.31	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **RD18042-005**
Description: **MW-56D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1035**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1410	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.27	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	8.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
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.**
Laboratory ID: **RD18042-005**
Description: **MW-56D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1035**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1947	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.040	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.040	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.23	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	1.7	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	1.1	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.10	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.040	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.070	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.040	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.84	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.15	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	0.21	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.26	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	0.41	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.060	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.16	ug/L	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1.0	0.17	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.15	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.16	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.030	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	0.67	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	0.68	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.030	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	0.17	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.18	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.19	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.34	ug/L	1
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	0.35	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	0.19	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	0.71	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	0.18	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	0.53	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	0.30	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	1.1	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	0.080	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.15	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	0.42	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 MDL
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.**
Laboratory ID: **RD18042-005**
Description: **MW-56D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1035**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1947	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	0.89	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	0.77	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	1.3	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	1.8	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.34	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	0.48	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	0.25	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	0.42	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	2.2	ug/L	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**4.9**	**J**	**5.0**	**0.38**	**ug/L**	**1**
Famphur	52-85-7	8270D	ND		5.0	4.1	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.030	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.15	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.17	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	1.1	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.17	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	0.27	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.040	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.22	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	0.50	ug/L	1
Kepone	143-50-0	8270D	ND		10	4.3	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	2.7	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	0.49	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	3.2	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	0.98	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.040	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.21	ug/L	1
3+4-Methylphenol	106-44-5	8270D	ND		2.0	0.46	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.050	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	0.040	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	0.030	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	0.14	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.66	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.15	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	1.3	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.17	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	2.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.44	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	2.1	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.14	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 MDL
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: **04/16/2016 1035**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 1947	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.28	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.84	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	0.20	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	0.22	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	0.26	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	0.28	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	0.64	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	1.3	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.060	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.19	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	1.8	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	1.2	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	0.81	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	0.26	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	0.25	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	1.7	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	0.92	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	0.17	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.19	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	0.36	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	0.75	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		67	41-144
2-Fluorobiphenyl		52	37-129
2-Fluorophenol		42	24-127
Nitrobenzene-d5		51	38-127
Phenol-d5		41	28-128
Terphenyl-d14		65	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/16/2016 1035**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/27/2016 0223	MEM	04/22/2016 0945	11533

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.013	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.050	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.14	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.010	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		63	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18042-005**
Description: **MW-56D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1035**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/21/2016 1745	PMS	04/20/2016 1300	11323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.015	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.040	0.017	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.040	0.015	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.015	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.015	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.15	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.040	0.015	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.040	0.015	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.015	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.015	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.015	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.015	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.015	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.015	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.016	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.021	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.30	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		72	10-122
Tetrachloro-m-xylene		82	46-119

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 MDL
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"

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-56D**
Date Sampled: **04/16/2016 1035**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-005**
Matrix: **Aqueous**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	3665A	8082A	1	04/22/2016 1805	MEM	04/20/2016 1300	11324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.40	0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.40	0.15	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		44	10-133
Tetrachloro-m-xylene		65	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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.**
Laboratory ID: **RD18042-005**
Description: **MW-56D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1035**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1600	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.50**	**BJ**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	**7440-38-2**	**6020A**	**0.37**	**J**	**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**31**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.065**	**J**	**0.10**	**0.044**	**ug/L**	**1**
Calcium	**7440-70-2**	**6020A**	**59000**		**200**	**11**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.58**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**2.6**	**B**	**1.0**	**0.15**	**ug/L**	**1**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Manganese	**7439-96-5**	**6020A**	**79**		**5.0**	**0.54**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**3.0**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	1
Tin	7440-31-5	6020A	ND		5.0	2.7	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**3.4**	**BJ**	**5.0**	**1.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**17**		**10**	**1.6**	**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 MDL
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: **04/16/2016 1035**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1308	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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-57**
Date Sampled: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	350.1	(Ammonia - N) 350.1	1	04/25/2016 1612	HKB		11764
1		(Bicarbonate) SM 2320B-2011	1	04/26/2016 2031	MJI		
1		(Chloride) 300.0	1	04/26/2016 0349	SLU		11732
1		(CO2 (calcula) SM 4500-CO2 D	1	04/26/2016 2031	MJI		
1		(Cyanide) SM 4500-CN E-2011	1	04/21/2016 1214	HKB	04/20/2016 1804	11388
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2016 1538	HMA		11591
1		(TDS) SM 2540C-2011	1	04/20/2016 1830	AMM1		11361

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ammonia - N (gas diffusion)		**350.1**	**1.5**		**0.10**	**0.050**	**mg/L**	**1**
Bicarbonate Alkalinity		**SM 2320B-20**	**700**		**10**	**1.2**	**mg/L**	**1**
Chloride		**300.0**	**41**		**1.0**	**0.033**	**mg/L**	**1**
CO2 (calculation)	**124-38-9**	**SM 4500-CO2**	**1200**		**27**		**mg/L**	**1**
Cyanide	57-12-5	SM 4500-CN	ND		0.010	0.0060	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	0.62	mg/L	1
TDS		**SM 2540C-20**	**850**	**B**	**10**	**3.4**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1432	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	14	ug/L	1
Acrolein	107-02-8	8260B	ND		20	2.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.31**	**J**	**1.0**	**0.21**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.22	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.85	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.85	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.15	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.17	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.28	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	23	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	0.31	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1432	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.27	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	8.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**4.6**		**1.0**	**0.50**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 2011	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.040	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.040	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.23	ug/L	1
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	1.7	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	1.1	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.10	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.040	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.070	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.040	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.84	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.15	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	0.21	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.26	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	0.41	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.060	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.16	ug/L	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1.0	0.17	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.15	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.16	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.030	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	0.67	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	0.68	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.030	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	0.17	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.18	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.19	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.34	ug/L	1
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	0.35	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	0.19	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	0.71	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	0.18	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	0.53	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	0.30	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	1.1	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	0.080	ug/L	1
2,4-Dimethylphenol	**105-67-9**	**8270D**	**0.24**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	0.42	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 MDL
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-57**
Date Sampled: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 2011	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	0.89	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	0.77	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	1.3	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	1.8	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.34	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	0.48	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	0.25	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	0.42	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	2.2	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	0.38	ug/L	1
Famphur	52-85-7	8270D	ND		5.0	4.1	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.030	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.15	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.17	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	1.1	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.17	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	0.27	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.040	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.22	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	0.50	ug/L	1
Kepone	143-50-0	8270D	ND		10	4.3	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	2.7	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	0.49	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	3.2	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	0.98	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.040	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.21	ug/L	1
3+4-Methylphenol	106-44-5	8270D	ND		2.0	0.46	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.050	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	0.040	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	0.030	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	0.14	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.66	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.15	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	1.3	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.17	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	2.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.44	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	2.1	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.14	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 2011	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.28	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.84	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	0.20	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	0.22	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	0.26	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	0.28	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	0.64	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	1.3	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.060	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.19	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	1.8	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	1.2	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	0.81	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	0.26	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	0.25	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	1.7	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	0.92	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	0.17	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.19	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	0.36	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	0.75	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		76	41-144
2-Fluorobiphenyl		63	37-129
2-Fluorophenol		50	24-127
Nitrobenzene-d5		58	38-127
Phenol-d5		54	28-128
Terphenyl-d14		46	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/29/2016 2233	MEM	04/22/2016 0945	11533

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.013	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.050	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.14	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.010	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		89	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/21/2016 1800	PMS	04/20/2016 1300	11323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.015	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.040	0.017	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.040	0.015	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.015	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.015	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.15	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDT	50-29-3	8081B	ND		0.040	0.015	ug/L	1
Dieldrin	60-57-1	8081B	ND		0.040	0.015	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.015	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.015	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.015	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.015	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.015	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.015	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.016	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.021	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.30	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		16	10-122
Tetrachloro-m-xylene		65	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	3665A	8082A	1	04/22/2016 1818	MEM	04/20/2016 1300	11324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.40	0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.40	0.15	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		15	10-133
Tetrachloro-m-xylene		83	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW-57**
Date Sampled: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1606	BNW	04/21/2016 1221	11434
2	3005A	6020A	50	04/21/2016 2004	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.20**	**BJ**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	**7440-38-2**	**6020A**	**1.5**		**1.0**	**0.26**	**ug/L**	**1**
Barium	**7440-39-3**	**6020A**	**440**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.058**	**J**	**0.10**	**0.044**	**ug/L**	**1**
Calcium	**7440-70-2**	**6020A**	**120000**		**10000**	**560**	**ug/L**	**2**
Chromium	**7440-47-3**	**6020A**	**1.4**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**46**		**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**3.8**	**B**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.63**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Manganese	**7439-96-5**	**6020A**	**19000**		**250**	**27**	**ug/L**	**2**
Nickel	**7440-02-0**	**6020A**	**10**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	1
Tin	7440-31-5	6020A	ND		5.0	2.7	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**7.6**	**B**	**5.0**	**1.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**10**		**10**	**1.6**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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-57**
Date Sampled: **04/16/2016 1145**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1321	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1130**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	350.1	(Ammonia - N) 350.1	1	04/25/2016 1614	HKB		11764
1		(Bicarbonate) SM 2320B-2011	1	04/26/2016 2045	MJI		
1		(Chloride) 300.0	1	04/26/2016 0413	SLU		11732
1		(CO2 (calcula) SM 4500-CO2 D	1	04/26/2016 2045	MJI		
1		(Cyanide) SM 4500-CN E-2011	1	04/21/2016 1215	HKB	04/20/2016 1804	11388
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2016 1538	HMA		11591
1		(TDS) SM 2540C-2011	1	04/20/2016 1830	AMM1		11361

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ammonia - N (gas diffusion)		350.1	ND		0.10	0.050	mg/L	1
Bicarbonate Alkalinity		**SM 2320B-20**	**850**		**10**	**1.2**	**mg/L**	**1**
Chloride		**300.0**	**59**		**1.0**	**0.033**	**mg/L**	**1**
CO2 (calculation)	**124-38-9**	**SM 4500-CO2**	**940**		**27**		**mg/L**	**1**
Cyanide	57-12-5	SM 4500-CN	ND		0.010	0.0060	mg/L	1
Sulfide	18496-25-8	SM 4500-S2	ND		1.0	0.62	mg/L	1
TDS		**SM 2540C-20**	**1400**	**B**	**10**	**3.4**	**mg/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1130**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1455	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	14	ug/L	1
Acrolein	107-02-8	8260B	ND		20	2.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.22	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.85	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.85	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.15	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.17	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.28	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	23	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	0.31	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **RD18042-007**
Description: **MW-57D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1130**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1455	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.27	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	8.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**1.9**		**1.0**	**0.50**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		102	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 MDL
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-57D**
Date Sampled: **04/16/2016 1130**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 2036	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.040	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.040	ug/L	1
Acetophenone	**98-86-2**	**8270D**	**0.34**	**J**	**1.0**	**0.23**	**ug/L**	**1**
2-Acetylaminofluorene	53-96-3	8270D	ND		5.0	1.7	ug/L	1
4-Aminobiphenyl	92-67-1	8270D	ND		2.0	1.1	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.10	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.040	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.070	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.040	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.040	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.84	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.15	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	0.21	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.26	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
Chlorobenzilate	510-15-6	8270D	ND		2.0	0.41	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.060	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.16	ug/L	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1.0	0.17	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.15	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.16	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.030	ug/L	1
Diallate - isomer 1	2303-16-4	8270D	ND		2.0	0.67	ug/L	1
Diallate - isomer 2	2303-16-4	8270D	ND		2.0	0.68	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.030	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		1.0	0.17	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.18	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.19	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.34	ug/L	1
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	297-97-2	8270D	ND		1.0	0.35	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	0.19	ug/L	1
Dimethoate	60-51-5	8270D	ND		2.0	0.71	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	0.18	ug/L	1
p-(Dimethylamino)azobenzene	60-11-7	8270D	ND		1.0	0.53	ug/L	1
3,3'-Dimethylbenzidine	119-93-7	8270D	ND		5.0	0.30	ug/L	1
7,12-Dimethylbenzo(a)anthracene	57-97-6	8270D	ND		2.0	1.1	ug/L	1
a,a-Dimethylphenethylamine	122-09-8	8270D	ND		10	0.080	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.15	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	0.42	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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.**
Laboratory ID: **RD18042-007**
Description: **MW-57D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1130**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 2036	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	0.89	ug/L	1
1,3-Dinitrobenzene	99-65-0	8270D	ND		5.0	0.77	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	1.3	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	1.8	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.34	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	0.48	ug/L	1
Disulfoton	298-04-4	8270D	ND		1.0	0.25	ug/L	1
Ethyl methanesulfonate	62-50-0	8270D	ND		1.0	0.42	ug/L	1
Ethyl parathion	56-38-2	8270D	ND		5.0	2.2	ug/L	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**1.7**	**J**	**5.0**	**0.38**	**ug/L**	**1**
Famphur	52-85-7	8270D	ND		5.0	4.1	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.030	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.15	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.17	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	1.1	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.17	ug/L	1
Hexachloropropene	1888-71-7	8270D	ND		2.0	0.27	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.040	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.22	ug/L	1
Isosafrole	120-58-1	8270D	ND		1.0	0.50	ug/L	1
Kepone	143-50-0	8270D	ND		10	4.3	ug/L	1
Methapyrilene	91-80-5	8270D	ND		5.0	2.7	ug/L	1
Methyl methanesulfonate	66-27-3	8270D	ND		1.0	0.49	ug/L	1
Methyl parathion	298-00-0	8270D	ND		5.0	3.2	ug/L	1
3-Methylcholanthrene	56-49-5	8270D	ND		2.0	0.98	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.040	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.21	ug/L	1
3+4-Methylphenol	106-44-5	8270D	ND		2.0	0.46	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.050	ug/L	1
1,4-Naphthoquinone	130-15-4	8270D	ND		2.0	0.040	ug/L	1
1-Naphthylamine	134-32-7	8270D	ND		1.0	0.030	ug/L	1
2-Naphthylamine	91-59-8	8270D	ND		1.0	0.14	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.66	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.15	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	1.3	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.17	ug/L	1
5-Nitro-o-toluidine	99-55-8	8270D	ND		5.0	2.0	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.44	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	2.1	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.14	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 MDL
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-57D**
Date Sampled: **04/16/2016 1130**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/29/2016 2036	JCG	04/21/2016 1542	11467

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.28	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.84	ug/L	1
N-Nitrosomethylethylamine	10595-95-6	8270D	ND		1.0	0.20	ug/L	1
N-Nitrosopiperidine	100-75-4	8270D	ND		1.0	0.22	ug/L	1
N-Nitrosopyrrolidine	930-55-2	8270D	ND		1.0	0.26	ug/L	1
Pentachlorobenzene	608-93-5	8270D	ND		1.0	0.28	ug/L	1
Pentachloronitrobenzene	82-68-8	8270D	ND		5.0	0.64	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	1.3	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.060	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.19	ug/L	1
p-Phenylenediamine	106-50-3	8270D	ND		10	1.8	ug/L	1
Phorate	298-02-2	8270D	ND		2.0	1.2	ug/L	1
Pronamide	23950-58-5	8270D	ND		2.0	0.81	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
Safrole	94-59-7	8270D	ND		1.0	0.26	ug/L	1
1,2,4,5-Tetrachlorobenzene	95-94-3	8270D	ND		1.0	0.25	ug/L	1
2,3,4,6-Tetrachlorophenol	58-90-2	8270D	ND		2.0	1.7	ug/L	1
o-Toluidine	95-53-4	8270D	ND		1.0	0.92	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		1.0	0.17	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.19	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1
0,0,0-Triethylphosphorothioate	126-68-1	8270D	ND		1.0	0.36	ug/L	1
1,3,5-Trinitrobenzene	99-35-4	8270D	ND		5.0	0.75	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		68	41-144
2-Fluorobiphenyl		58	37-129
2-Fluorophenol		42	24-127
Nitrobenzene-d5		51	38-127
Phenol-d5		43	28-128
Terphenyl-d14		57	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW-57D**
Date Sampled: **04/16/2016 1130**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/29/2016 2256	MEM	04/22/2016 0945	11533

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.013	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.050	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.14	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.010	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 MDL
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: **04/16/2016 1130**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/21/2016 1815	PMS	04/20/2016 1300	11323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.015	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.040	0.017	ug/L	1
alpha-BHC	319-84-6	8081B	ND		0.040	0.015	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.015	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.015	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.15	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.015	ug/L	1
4,4'-DDT	**50-29-3**	**8081B**	**0.021**	**J**	**0.040**	**0.015**	**ug/L**	**1**
Dieldrin	60-57-1	8081B	ND		0.040	0.015	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.015	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.015	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.015	ug/L	1
Endrin	**72-20-8**	**8081B**	**0.029**	**J**	**0.040**	**0.015**	**ug/L**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**0.024**	**J**	**0.040**	**0.015**	**ug/L**	**1**
Heptachlor	76-44-8	8081B	ND		0.040	0.015	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.016	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.021	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.30	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		24	10-122
Tetrachloro-m-xylene		67	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1130**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-007**
Matrix: **Aqueous**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	3665A	8082A	1	04/22/2016 1832	MEM	04/20/2016 1300	11324

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1221	11104-28-2	8082A	ND		0.40	0.25	ug/L	1
Aroclor 1232	11141-16-5	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1242	53469-21-9	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1248	12672-29-6	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.15	ug/L	1
Aroclor 1260	11096-82-5	8082A	ND		0.40	0.15	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		26	10-133
Tetrachloro-m-xylene		86	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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.**
Laboratory ID: **RD18042-007**
Description: **MW-57D**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1130**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1611	BNW	04/21/2016 1221	11434
2	3005A	6020A	5	04/21/2016 2009	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.70**	**BJ**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**90**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	**7440-43-9**	**6020A**	**0.31**		**0.10**	**0.044**	**ug/L**	**1**
Calcium	**7440-70-2**	**6020A**	**240000**		**1000**	**56**	**ug/L**	**2**
Chromium	**7440-47-3**	**6020A**	**1.7**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Cobalt	**7440-48-4**	**6020A**	**1.5**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**15**	**B**	**1.0**	**0.15**	**ug/L**	**1**
Lead	**7439-92-1**	**6020A**	**0.27**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Manganese	**7439-96-5**	**6020A**	**160**		**5.0**	**0.54**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**89**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	1
Silver	**7440-22-4**	**6020A**	**0.25**	**J**	**1.0**	**0.17**	**ug/L**	**1**
Thallium	7440-28-0	6020A	ND		0.50	0.075	ug/L	1
Tin	7440-31-5	6020A	ND		5.0	2.7	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**12**	**B**	**5.0**	**1.0**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**10**		**10**	**1.6**	**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 MDL
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-57D**
Date Sampled: **04/16/2016 1130**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1324	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **RD18042-008**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1020**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1518	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	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 MDL
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.**
Laboratory ID: **RD18042-008**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1020**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1518	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	70-130
Bromofluorobenzene		98	70-130
Toluene-d8		101	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 MDL
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"

ICP-MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18042-008**
Description: **SW-1**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1020**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1616	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	ND		1.0	0.17	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**40**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.044	ug/L	1
Calcium	**7440-70-2**	**6020A**	**14000**		**200**	**11**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.29**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**0.80**	**BJ**	**1.0**	**0.15**	**ug/L**	**1**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Manganese	**7439-96-5**	**6020A**	**130**		**5.0**	**0.54**	**ug/L**	**1**
Nickel	7440-02-0	6020A	ND		5.0	0.63	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**2.3**	**BJ**	**5.0**	**1.0**	**ug/L**	**1**
Zinc	7440-66-6	6020A	ND		10	1.6	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 MDL
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: **04/16/2016 1020**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1326	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016 1135**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1541	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **RD18042-009**
Description: **SW-2**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1135**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1541	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

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

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **04/16/2016 1135**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/21/2016 1632	BNW	04/21/2016 1221	11434

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.28**	**BJ**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	**7440-39-3**	**6020A**	**41**		**5.0**	**0.53**	**ug/L**	**1**
Beryllium	7440-41-7	6020A	ND		0.40	0.12	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.044	ug/L	1
Calcium	**7440-70-2**	**6020A**	**15000**		**200**	**11**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.38**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.1**	**B**	**1.0**	**0.15**	**ug/L**	**1**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Manganese	**7439-96-5**	**6020A**	**130**		**5.0**	**0.54**	**ug/L**	**1**
Nickel	7440-02-0	6020A	ND		5.0	0.63	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.17	ug/L	1
Vanadium	**7440-62-2**	**6020A**	**2.1**	**BJ**	**5.0**	**1.0**	**ug/L**	**1**
Zinc	7440-66-6	6020A	ND		10	1.6	ug/L	1

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **SW-2**
Date Sampled: **04/16/2016 1135**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1329	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000028	mg/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: **04/16/2016**
Date Received: **04/18/2016**

Laboratory ID: **RD18042-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1324	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	14	ug/L	1
Acrolein	107-02-8	8260B	ND		20	2.2	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.45	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.22	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.85	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.19	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.85	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.15	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.17	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.28	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	23	ug/L	1
Methacrylonitrile	126-98-7	8260B	ND		5.0	0.31	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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"

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18042-010**
Description: **TRIP BLANK**
Matrix: **Aqueous**
Date Sampled: **04/16/2016**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1324	SES		11616

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.27	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	8.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.35	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.32	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		100	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 MDL
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: RQ11361-001
Batch: 11361
Analytical Method: SM 2540C-2011

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
TDS	4.0	J	1	10	3.4	mg/L	04/20/2016 1830

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11361-002
Batch: 11361
Analytical Method: SM 2540C-2011

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
TDS	1500	1500		1	100	90-110	04/20/2016 1830

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-001DU
Batch: 11361
Analytical Method: SM 2540C-2011

Matrix: Aqueous

Parameter	Sample Amount (mg/L)	Result (mg/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
TDS	210	220		1	1.9	20	04/20/2016 1830

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11388-001
Batch: 11388
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/20/2016 1804

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Cyanide	ND		1	0.010	0.0060	mg/L	04/21/2016 1158

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11388-002
Batch: 11388
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/20/2016 1804

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide	0.10	0.10		1	100	90-110	04/21/2016 1159

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-001MS
Batch: 11388
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/20/2016 1804

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide	0.0071	0.10	0.087	N	1	80	90-110	04/21/2016 1205

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-001MD
Batch: 11388
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/20/2016 1804

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Cyanide	0.0071	0.10	0.092	N	1	85	5.9	90-110	20	04/21/2016 1206

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11591-001
Batch: 11591
Analytical Method: SM 4500-S2 F-2011

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Sulfide	ND		1	1.0	0.62	mg/L	04/22/2016 1538

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11591-002
Batch: 11591
Analytical Method: SM 4500-S2 F-2011

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfide	10	10		1	100	80-120	04/22/2016 1538

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11591-003 **Matrix:** Aqueous
Batch: 11591
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	10		1	100	0.00	80-120	20	04/22/2016 1538

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11700-001
Batch: 11700
Analytical Method: 350.1

Matrix: Aqueous
Prep Method: 350.1

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Ammonia - N (gas diffusion)	ND		1	0.10	0.050	mg/L	04/25/2016 1221

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11700-002
Batch: 11700
Analytical Method: 350.1

Matrix: Aqueous
Prep Method: 350.1

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Ammonia - N (gas diffusion)	1.0	0.99		1	99	90-110	04/25/2016 1223

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11732-001
Batch: 11732
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Chloride	ND		1	1.0	0.033	mg/L	04/25/2016 2212

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11732-002
Batch: 11732
Analytical Method: 300.0

Matrix: Aqueous

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chloride	20	20		1	100	90-110	04/25/2016 2236

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11764-001
Batch: 11764
Analytical Method: 350.1

Matrix: Aqueous
Prep Method: 350.1

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Ammonia - N (gas diffusion)	ND		1	0.10	0.050	mg/L	04/25/2016 1602

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11764-002
Batch: 11764
Analytical Method: 350.1

Matrix: Aqueous
Prep Method: 350.1

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Ammonia - N (gas diffusion)	1.0	1.0		1	100	90-110	04/25/2016 1604

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-005MS
Batch: 11764
Analytical Method: 350.1

Matrix: Aqueous
Prep Method: 350.1

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Ammonia - N (gas diffusion)	ND	1.0	0.99		1	99	90-110	04/25/2016 1608

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-005MD
Batch: 11764
Analytical Method: 350.1

Matrix: Aqueous
Prep Method: 350.1

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Ammonia - N (gas diffusion)	ND	1.0	1.0		1	100	1.3	90-110	20	04/25/2016 1610

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11616-001
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	1.6	ug/L	04/23/2016 1141
Acetonitrile	ND		1	20	14	ug/L	04/23/2016 1141
Acrolein	ND		1	20	2.2	ug/L	04/23/2016 1141
Acrylonitrile	ND		1	20	0.62	ug/L	04/23/2016 1141
Benzene	ND		1	1.0	0.21	ug/L	04/23/2016 1141
Bromochloromethane	ND		1	1.0	0.45	ug/L	04/23/2016 1141
Bromodichloromethane	ND		1	1.0	0.23	ug/L	04/23/2016 1141
Bromoform	ND		1	1.0	0.35	ug/L	04/23/2016 1141
Bromomethane (Methyl bromide)	ND		1	2.0	0.19	ug/L	04/23/2016 1141
2-Butanone (MEK)	ND		1	10	1.8	ug/L	04/23/2016 1141
Carbon disulfide	ND		1	1.0	0.45	ug/L	04/23/2016 1141
Carbon tetrachloride	ND		1	1.0	0.31	ug/L	04/23/2016 1141
2-Chloro-1,3-Butadiene (Chloroprene)	ND		1	5.0	0.22	ug/L	04/23/2016 1141
Chlorobenzene	ND		1	1.0	0.20	ug/L	04/23/2016 1141
Chloroethane	ND		1	2.0	0.28	ug/L	04/23/2016 1141
Chloroform	ND		1	1.0	0.21	ug/L	04/23/2016 1141
Chloromethane (Methyl chloride)	ND		1	1.0	0.19	ug/L	04/23/2016 1141
3-Chloropropene (Allyl chloride)	ND		1	2.0	0.85	ug/L	04/23/2016 1141
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	0.57	ug/L	04/23/2016 1141
Dibromochloromethane	ND		1	1.0	0.23	ug/L	04/23/2016 1141
1,2-Dibromoethane (EDB)	ND		1	1.0	0.17	ug/L	04/23/2016 1141
Dibromomethane (Methylene bromide)	ND		1	1.0	0.26	ug/L	04/23/2016 1141
trans-1,4-Dichloro-2-butene	ND		1	5.0	1.4	ug/L	04/23/2016 1141
1,2-Dichlorobenzene	ND		1	1.0	0.46	ug/L	04/23/2016 1141
1,3-Dichlorobenzene	ND		1	1.0	0.19	ug/L	04/23/2016 1141
1,4-Dichlorobenzene	ND		1	1.0	0.19	ug/L	04/23/2016 1141
Dichlorodifluoromethane	ND		1	2.0	0.85	ug/L	04/23/2016 1141
1,2-Dichloroethane	ND		1	1.0	0.23	ug/L	04/23/2016 1141
1,1-Dichloroethane	ND		1	1.0	0.19	ug/L	04/23/2016 1141
trans-1,2-Dichloroethene	ND		1	1.0	0.33	ug/L	04/23/2016 1141
cis-1,2-Dichloroethene	ND		1	1.0	0.20	ug/L	04/23/2016 1141
1,1-Dichloroethene	ND		1	1.0	0.31	ug/L	04/23/2016 1141
2,2-Dichloropropane	ND		1	1.0	0.17	ug/L	04/23/2016 1141
1,3-Dichloropropane	ND		1	1.0	0.15	ug/L	04/23/2016 1141
1,2-Dichloropropane	ND		1	1.0	0.29	ug/L	04/23/2016 1141
1,1-Dichloropropene	ND		1	2.0	0.28	ug/L	04/23/2016 1141
cis-1,3-Dichloropropene	ND		1	1.0	0.30	ug/L	04/23/2016 1141
trans-1,3-Dichloropropene	ND		1	1.0	0.22	ug/L	04/23/2016 1141
Ethyl methacrylate	ND		1	5.0	0.21	ug/L	04/23/2016 1141
Ethylbenzene	ND		1	1.0	0.21	ug/L	04/23/2016 1141
2-Hexanone	ND		1	10	0.26	ug/L	04/23/2016 1141
Isobutyl alcohol	ND		1	50	23	ug/L	04/23/2016 1141
Methacrylonitrile	ND		1	5.0	0.31	ug/L	04/23/2016 1141
Methyl iodide (Iodomethane)	ND		1	5.0	0.28	ug/L	04/23/2016 1141

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11616-001
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Methyl methacrylate	ND		1	5.0	0.27	ug/L	04/23/2016 1141
4-Methyl-2-pentanone	ND		1	10	0.29	ug/L	04/23/2016 1141
Methylene chloride	ND		1	1.0	0.42	ug/L	04/23/2016 1141
Propionitrile (Ethyl cyanide)	ND		1	20	8.1	ug/L	04/23/2016 1141
Styrene	ND		1	1.0	0.13	ug/L	04/23/2016 1141
1,1,2,2-Tetrachloroethane	ND		1	1.0	0.13	ug/L	04/23/2016 1141
1,1,1,2-Tetrachloroethane	ND		1	1.0	0.19	ug/L	04/23/2016 1141
Tetrachloroethene	ND		1	1.0	0.22	ug/L	04/23/2016 1141
Tetrahydrofuran	ND		1	5.0	0.57	ug/L	04/23/2016 1141
Toluene	ND		1	1.0	0.24	ug/L	04/23/2016 1141
1,1,1-Trichloroethane	ND		1	1.0	0.24	ug/L	04/23/2016 1141
1,1,2-Trichloroethane	ND		1	1.0	0.22	ug/L	04/23/2016 1141
Trichloroethene	ND		1	1.0	0.16	ug/L	04/23/2016 1141
Trichlorofluoromethane	ND		1	1.0	0.74	ug/L	04/23/2016 1141
1,2,3-Trichloropropane	ND		1	1.0	0.35	ug/L	04/23/2016 1141
Vinyl acetate	ND		1	5.0	1.0	ug/L	04/23/2016 1141
Vinyl chloride	ND		1	1.0	0.50	ug/L	04/23/2016 1141
Xylenes (total)	ND		1	1.0	0.32	ug/L	04/23/2016 1141

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		102	70-130
1,2-Dichloroethane-d4		103	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11616-002
Batch: 11616
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	80		1	80	60-140	04/23/2016 1008
Acetonitrile	500	340		1	67	60-140	04/23/2016 1008
Acrolein	500	640		1	128	60-140	04/23/2016 1008
Acrylonitrile	100	93		1	93	70-130	04/23/2016 1008
Benzene	50	47		1	94	70-130	04/23/2016 1008
Bromochloromethane	50	50		1	100	70-130	04/23/2016 1008
Bromodichloromethane	50	50		1	99	70-130	04/23/2016 1008
Bromoform	50	48		1	95	70-130	04/23/2016 1008
Bromomethane (Methyl bromide)	50	48		1	95	60-140	04/23/2016 1008
2-Butanone (MEK)	100	84		1	84	60-140	04/23/2016 1008
Carbon disulfide	50	53		1	106	60-140	04/23/2016 1008
Carbon tetrachloride	50	56		1	112	70-130	04/23/2016 1008
2-Chloro-1,3-Butadiene (Chloroprene)	50	49		1	98	70-130	04/23/2016 1008
Chlorobenzene	50	47		1	94	70-130	04/23/2016 1008
Chloroethane	50	48		1	95	60-140	04/23/2016 1008
Chloroform	50	49		1	98	70-130	04/23/2016 1008
Chloromethane (Methyl chloride)	50	40		1	80	60-140	04/23/2016 1008
3-Chloropropene (Allyl chloride)	50	53		1	105	70-130	04/23/2016 1008
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	83	70-130	04/23/2016 1008
Dibromochloromethane	50	49		1	99	70-130	04/23/2016 1008
1,2-Dibromoethane (EDB)	50	44		1	89	70-130	04/23/2016 1008
Dibromomethane (Methylene bromide)	50	47		1	95	70-130	04/23/2016 1008
trans-1,4-Dichloro-2-butene	50	54		1	107	34-142	04/23/2016 1008
1,2-Dichlorobenzene	50	48		1	96	70-130	04/23/2016 1008
1,3-Dichlorobenzene	50	46		1	93	70-130	04/23/2016 1008
1,4-Dichlorobenzene	50	45		1	90	70-130	04/23/2016 1008
Dichlorodifluoromethane	50	45		1	89	60-140	04/23/2016 1008
1,2-Dichloroethane	50	47		1	95	70-130	04/23/2016 1008
1,1-Dichloroethane	50	51		1	101	70-130	04/23/2016 1008
trans-1,2-Dichloroethene	50	50		1	99	70-130	04/23/2016 1008
cis-1,2-Dichloroethene	50	48		1	95	70-130	04/23/2016 1008
1,1-Dichloroethene	50	51		1	101	70-130	04/23/2016 1008
2,2-Dichloropropane	50	54		1	108	70-130	04/23/2016 1008
1,3-Dichloropropane	50	44		1	87	70-130	04/23/2016 1008
1,2-Dichloropropane	50	47		1	94	70-130	04/23/2016 1008
1,1-Dichloropropene	50	47		1	94	70-130	04/23/2016 1008
cis-1,3-Dichloropropene	50	48		1	96	70-130	04/23/2016 1008
trans-1,3-Dichloropropene	50	46		1	93	70-130	04/23/2016 1008
Ethyl methacrylate	50	45		1	91	70-130	04/23/2016 1008
Ethylbenzene	50	49		1	97	70-130	04/23/2016 1008
2-Hexanone	100	96		1	96	60-140	04/23/2016 1008
Isobutyl alcohol	500	370		1	74	70-130	04/23/2016 1008
Methacrylonitrile	250	210		1	85	70-130	04/23/2016 1008
Methyl iodide (Iodomethane)	50	49		1	99	70-130	04/23/2016 1008

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11616-002
Batch: 11616
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	41		1	82	70-130	04/23/2016 1008
4-Methyl-2-pentanone	100	93		1	93	60-140	04/23/2016 1008
Methylene chloride	50	49		1	98	70-130	04/23/2016 1008
Propionitrile (Ethyl cyanide)	500	360		1	73	70-130	04/23/2016 1008
Styrene	50	48		1	96	70-130	04/23/2016 1008
1,1,2,2-Tetrachloroethane	50	43		1	85	60-140	04/23/2016 1008
1,1,1,2-Tetrachloroethane	50	51		1	103	70-130	04/23/2016 1008
Tetrachloroethene	50	51		1	102	70-130	04/23/2016 1008
Tetrahydrofuran	50	42		1	84	70-130	04/23/2016 1008
Toluene	50	48		1	97	70-130	04/23/2016 1008
1,1,1-Trichloroethane	50	51		1	103	70-130	04/23/2016 1008
1,1,2-Trichloroethane	50	44		1	89	70-130	04/23/2016 1008
Trichloroethene	50	49		1	97	70-130	04/23/2016 1008
Trichlorofluoromethane	50	54		1	108	70-130	04/23/2016 1008
1,2,3-Trichloropropane	50	43		1	86	70-130	04/23/2016 1008
Vinyl acetate	50	45		1	91	60-140	04/23/2016 1008
Vinyl chloride	50	50		1	100	70-130	04/23/2016 1008
Xylenes (total)	100	100		1	102	70-130	04/23/2016 1008

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		93	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		102	70-130

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

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

Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: RD18042-001DU
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Result (ug/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Acetone	ND	ND		1	0.00	20	04/23/2016 1950
Acetonitrile	ND	ND		1	0.00	20	04/23/2016 1950
Acrolein	ND	ND		1	0.00	20	04/23/2016 1950
Acrylonitrile	ND	ND		1	0.00	20	04/23/2016 1950
Benzene	ND	ND		1	0.00	20	04/23/2016 1950
Bromochloromethane	ND	ND		1	0.00	20	04/23/2016 1950
Bromodichloromethane	ND	ND		1	0.00	20	04/23/2016 1950
Bromoform	ND	ND		1	0.00	20	04/23/2016 1950
Bromomethane (Methyl bromide)	ND	ND		1	0.00	20	04/23/2016 1950
2-Butanone (MEK)	ND	ND		1	0.00	20	04/23/2016 1950
Carbon disulfide	ND	ND		1	0.00	20	04/23/2016 1950
Carbon tetrachloride	ND	ND		1	0.00	20	04/23/2016 1950
2-Chloro-1,3-Butadiene (Chloroprene)	ND	ND		1	0.00	20	04/23/2016 1950
Chlorobenzene	ND	ND		1	0.00	20	04/23/2016 1950
Chloroethane	ND	ND		1	0.00	20	04/23/2016 1950
Chloroform	ND	ND		1	0.00	20	04/23/2016 1950
Chloromethane (Methyl chloride)	ND	ND		1	0.00	20	04/23/2016 1950
3-Chloropropene (Allyl chloride)	ND	ND		1	0.00	20	04/23/2016 1950
1,2-Dibromo-3-chloropropane (DBCP)	ND	ND		1	0.00	20	04/23/2016 1950
Dibromochloromethane	ND	ND		1	0.00	20	04/23/2016 1950
1,2-Dibromoethane (EDB)	ND	ND		1	0.00	20	04/23/2016 1950
Dibromomethane (Methylene bromide)	ND	ND		1	0.00	20	04/23/2016 1950
trans-1,4-Dichloro-2-butene	ND	ND		1	0.00	20	04/23/2016 1950
1,2-Dichlorobenzene	ND	ND		1	0.00	20	04/23/2016 1950
1,3-Dichlorobenzene	ND	ND		1	0.00	20	04/23/2016 1950
1,4-Dichlorobenzene	ND	ND		1	0.00	20	04/23/2016 1950
Dichlorodifluoromethane	ND	ND		1	0.00	20	04/23/2016 1950
1,1-Dichloroethane	ND	ND		1	0.00	20	04/23/2016 1950
1,2-Dichloroethane	ND	ND		1	0.00	20	04/23/2016 1950
1,1-Dichloroethene	ND	ND		1	0.00	20	04/23/2016 1950
cis-1,2-Dichloroethene	ND	ND		1	0.00	20	04/23/2016 1950
trans-1,2-Dichloroethene	ND	ND		1	0.00	20	04/23/2016 1950
1,2-Dichloropropane	ND	ND		1	0.00	20	04/23/2016 1950
1,3-Dichloropropane	ND	ND		1	0.00	20	04/23/2016 1950
2,2-Dichloropropane	ND	ND		1	0.00	20	04/23/2016 1950
1,1-Dichloropropene	ND	ND		1	0.00	20	04/23/2016 1950
cis-1,3-Dichloropropene	ND	ND		1	0.00	20	04/23/2016 1950
trans-1,3-Dichloropropene	ND	ND		1	0.00	20	04/23/2016 1950
Ethyl methacrylate	ND	ND		1	0.00	20	04/23/2016 1950
Ethylbenzene	ND	ND		1	0.00	20	04/23/2016 1950
2-Hexanone	ND	ND		1	0.00	20	04/23/2016 1950
Isobutyl alcohol	ND	ND		1	0.00	20	04/23/2016 1950
Methacrylonitrile	ND	ND		1	0.00	20	04/23/2016 1950
Methyl iodide (Iodomethane)	ND	ND		1	0.00	20	04/23/2016 1950

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

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

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

Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: RD18042-001DU
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Result (ug/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Methyl methacrylate	ND	ND		1	0.00	20	04/23/2016 1950
4-Methyl-2-pentanone	ND	ND		1	0.00	20	04/23/2016 1950
Methylene chloride	ND	ND		1	0.00	20	04/23/2016 1950
Propionitrile (Ethyl cyanide)	ND	ND		1	0.00	20	04/23/2016 1950
Styrene	ND	ND		1	0.00	20	04/23/2016 1950
1,1,1,2-Tetrachloroethane	ND	ND		1	0.00	20	04/23/2016 1950
1,1,2,2-Tetrachloroethane	ND	ND		1	0.00	20	04/23/2016 1950
Tetrachloroethene	ND	ND		1	0.00	20	04/23/2016 1950
Tetrahydrofuran	ND	ND		1	0.00	20	04/23/2016 1950
Toluene	ND	ND		1	0.00	20	04/23/2016 1950
1,1,1-Trichloroethane	ND	ND		1	0.00	20	04/23/2016 1950
1,1,2-Trichloroethane	ND	ND		1	0.00	20	04/23/2016 1950
Trichloroethene	ND	ND		1	0.00	20	04/23/2016 1950
Trichlorofluoromethane	ND	ND		1	0.00	20	04/23/2016 1950
1,2,3-Trichloropropane	ND	ND		1	0.00	20	04/23/2016 1950
Vinyl acetate	ND	ND		1	0.00	20	04/23/2016 1950
Vinyl chloride	ND	ND		1	0.00	20	04/23/2016 1950
Xylenes (total)	ND	ND		1	0.00	20	04/23/2016 1950

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		99	70-130

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

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

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

Volatile Organic Compounds by GC/MS - MS

Sample ID: RD18042-002MS
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	ND	100	72		1	72	60-140	04/23/2016 2013
Acetonitrile	ND	500	320		1	65	60-140	04/23/2016 2013
Acrolein	ND	500	560		1	112	26-134	04/23/2016 2013
Acrylonitrile	ND	100	97		1	97	70-122	04/23/2016 2013
Benzene	ND	50	48		1	96	72-127	04/23/2016 2013
Bromochloromethane	ND	50	51		1	103	70-130	04/23/2016 2013
Bromodichloromethane	ND	50	50		1	100	71-143	04/23/2016 2013
Bromoform	ND	50	47		1	95	65-131	04/23/2016 2013
Bromomethane (Methyl bromide)	ND	50	48		1	96	36-168	04/23/2016 2013
2-Butanone (MEK)	ND	100	88		1	88	60-140	04/23/2016 2013
Carbon disulfide	ND	50	54		1	109	60-140	04/23/2016 2013
Carbon tetrachloride	ND	50	56		1	112	37-166	04/23/2016 2013
2-Chloro-1,3-Butadiene (Chloroprene)	ND	50	51		1	101	70-130	04/23/2016 2013
Chlorobenzene	ND	50	48		1	95	78-129	04/23/2016 2013
Chloroethane	ND	50	50		1	99	60-140	04/23/2016 2013
Chloroform	ND	50	50		1	101	63-123	04/23/2016 2013
Chloromethane (Methyl chloride)	ND	50	42		1	85	20-158	04/23/2016 2013
3-Chloropropene (Allyl chloride)	ND	50	52		1	104	70-130	04/23/2016 2013
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	39		1	77	70-130	04/23/2016 2013
Dibromochloromethane	ND	50	49		1	98	74-134	04/23/2016 2013
1,2-Dibromoethane (EDB)	ND	50	47		1	94	70-130	04/23/2016 2013
Dibromomethane (Methylene bromide)	ND	50	47		1	95	70-130	04/23/2016 2013
trans-1,4-Dichloro-2-butene	ND	50	46		1	93	34-142	04/23/2016 2013
1,2-Dichlorobenzene	ND	50	46		1	93	70-130	04/23/2016 2013
1,3-Dichlorobenzene	ND	50	45		1	90	70-130	04/23/2016 2013
1,4-Dichlorobenzene	ND	50	44		1	88	70-130	04/23/2016 2013
Dichlorodifluoromethane	ND	50	47		1	93	10-158	04/23/2016 2013
1,1-Dichloroethane	ND	50	52		1	105	69-132	04/23/2016 2013
1,2-Dichloroethane	ND	50	47		1	94	59-143	04/23/2016 2013
1,1-Dichloroethene	ND	50	53		1	106	50-132	04/23/2016 2013
cis-1,2-Dichloroethene	ND	50	49		1	97	70-130	04/23/2016 2013
trans-1,2-Dichloroethene	ND	50	51		1	102	67-141	04/23/2016 2013
1,2-Dichloropropane	ND	50	48		1	96	71-126	04/23/2016 2013
1,3-Dichloropropane	ND	50	47		1	93	70-130	04/23/2016 2013
2,2-Dichloropropane	ND	50	47		1	94	70-130	04/23/2016 2013
1,1-Dichloropropene	ND	50	48		1	97	70-130	04/23/2016 2013
cis-1,3-Dichloropropene	ND	50	48		1	95	69-130	04/23/2016 2013
trans-1,3-Dichloropropene	ND	50	46		1	92	73-131	04/23/2016 2013
Ethyl methacrylate	ND	50	48		1	97	70-130	04/23/2016 2013
Ethylbenzene	ND	50	48		1	97	79-132	04/23/2016 2013
2-Hexanone	ND	100	100		1	104	60-140	04/23/2016 2013
Isobutyl alcohol	ND	500	280	N	1	56	70-130	04/23/2016 2013
Methacrylonitrile	ND	250	230		1	92	70-130	04/23/2016 2013
Methyl iodide (Iodomethane)	ND	50	49		1	99	70-130	04/23/2016 2013

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

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

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

Volatile Organic Compounds by GC/MS - MS

Sample ID: RD18042-002MS
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Methyl methacrylate	ND	50	46		1	92	70-130	04/23/2016 2013
4-Methyl-2-pentanone	ND	100	100		1	100	60-140	04/23/2016 2013
Methylene chloride	ND	50	50		1	100	69-129	04/23/2016 2013
Propionitrile (Ethyl cyanide)	ND	500	400		1	81	70-130	04/23/2016 2013
Styrene	ND	50	49		1	98	70-130	04/23/2016 2013
1,1,1,2-Tetrachloroethane	ND	50	49		1	97	70-130	04/23/2016 2013
1,1,2,2-Tetrachloroethane	ND	50	44		1	88	60-155	04/23/2016 2013
Tetrachloroethene	ND	50	51		1	102	70-130	04/23/2016 2013
Tetrahydrofuran	ND	50	45		1	90	70-130	04/23/2016 2013
Toluene	ND	50	49		1	97	75-125	04/23/2016 2013
1,1,1-Trichloroethane	ND	50	52		1	103	77-132	04/23/2016 2013
1,1,2-Trichloroethane	ND	50	46		1	92	77-132	04/23/2016 2013
Trichloroethene	ND	50	49		1	98	73-124	04/23/2016 2013
Trichlorofluoromethane	ND	50	52		1	103	41-173	04/23/2016 2013
1,2,3-Trichloropropane	ND	50	45		1	91	70-130	04/23/2016 2013
Vinyl acetate	ND	50	40		1	80	60-140	04/23/2016 2013
Vinyl chloride	ND	50	52		1	103	29-159	04/23/2016 2013
Xylenes (total)	ND	100	100		1	100	70-130	04/23/2016 2013

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		101	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11467-001
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
0,0,0-Triethylphosphorothioate	ND		1	1.0	0.36	ug/L	04/29/2016 1516
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	ND		1	1.0	0.35	ug/L	04/29/2016 1516
1,2,4,5-Tetrachlorobenzene	ND		1	1.0	0.25	ug/L	04/29/2016 1516
1,2,4-Trichlorobenzene	ND		1	1.0	0.17	ug/L	04/29/2016 1516
1,2-Dichlorobenzene	ND		1	1.0	0.17	ug/L	04/29/2016 1516
1,3,5-Trinitrobenzene	ND		1	5.0	0.75	ug/L	04/29/2016 1516
1,3-Dichlorobenzene	ND		1	1.0	0.18	ug/L	04/29/2016 1516
1,3-Dinitrobenzene	ND		1	5.0	0.77	ug/L	04/29/2016 1516
1,4-Dichlorobenzene	ND		1	1.0	0.16	ug/L	04/29/2016 1516
1,4-Naphthoquinone	ND		1	2.0	0.040	ug/L	04/29/2016 1516
1-Naphthylamine	ND		1	1.0	0.030	ug/L	04/29/2016 1516
2,3,4,6-Tetrachlorophenol	ND		1	2.0	1.7	ug/L	04/29/2016 1516
2,4,5-Trichlorophenol	ND		1	1.0	0.19	ug/L	04/29/2016 1516
2,4,6-Trichlorophenol	ND		1	1.0	0.22	ug/L	04/29/2016 1516
2,4-Dichlorophenol	ND		1	1.0	0.19	ug/L	04/29/2016 1516
2,4-Dimethylphenol	ND		1	1.0	0.15	ug/L	04/29/2016 1516
2,4-Dinitrophenol	ND		1	5.0	1.3	ug/L	04/29/2016 1516
2,4-Dinitrotoluene	ND		1	2.0	1.8	ug/L	04/29/2016 1516
2,6-Dichlorophenol	ND		1	1.0	0.34	ug/L	04/29/2016 1516
2,6-Dinitrotoluene	ND		1	2.0	0.34	ug/L	04/29/2016 1516
2-Acetylaminofluorene	ND		1	5.0	1.7	ug/L	04/29/2016 1516
2-Chloronaphthalene	ND		1	1.0	0.15	ug/L	04/29/2016 1516
2-Chlorophenol	ND		1	1.0	0.15	ug/L	04/29/2016 1516
2-Methylnaphthalene	ND		1	1.0	0.040	ug/L	04/29/2016 1516
2-Methylphenol	ND		1	1.0	0.21	ug/L	04/29/2016 1516
2-Naphthylamine	ND		1	1.0	0.14	ug/L	04/29/2016 1516
2-Nitroaniline	ND		1	2.0	0.66	ug/L	04/29/2016 1516
2-Nitrophenol	ND		1	2.0	0.44	ug/L	04/29/2016 1516
3+4-Methylphenol	ND		1	2.0	0.46	ug/L	04/29/2016 1516
3,3'-Dichlorobenzidine	ND		1	5.0	0.81	ug/L	04/29/2016 1516
3,3'-Dimethylbenzidine	ND		1	5.0	0.30	ug/L	04/29/2016 1516
3-Methylcholanthrene	ND		1	2.0	0.98	ug/L	04/29/2016 1516
3-Nitroaniline	ND		1	2.0	0.15	ug/L	04/29/2016 1516
4,6-Dinitro-2-methylphenol	ND		1	5.0	0.89	ug/L	04/29/2016 1516
4-Aminobiphenyl	ND		1	2.0	1.1	ug/L	04/29/2016 1516
4-Bromophenyl phenyl ether	ND		1	1.0	0.15	ug/L	04/29/2016 1516
4-Chloro-3-methyl phenol	ND		1	1.0	0.26	ug/L	04/29/2016 1516
4-Chloroaniline	ND		1	1.0	0.13	ug/L	04/29/2016 1516
4-Chlorophenyl phenyl ether	ND		1	1.0	0.16	ug/L	04/29/2016 1516
4-Nitroaniline	ND		1	2.0	1.3	ug/L	04/29/2016 1516
4-Nitrophenol	ND		1	5.0	2.1	ug/L	04/29/2016 1516
5-Nitro-o-toluidine	ND		1	5.0	2.0	ug/L	04/29/2016 1516
7,12-Dimethylbenzo(a)anthracene	ND		1	2.0	1.1	ug/L	04/29/2016 1516
a,a-Dimethylphenethylamine	ND		1	10	0.080	ug/L	04/29/2016 1516

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11467-001
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acenaphthene	ND		1	1.0	0.040	ug/L	04/29/2016 1516
Acenaphthylene	ND		1	1.0	0.040	ug/L	04/29/2016 1516
Acetophenone	ND		1	1.0	0.23	ug/L	04/29/2016 1516
Anthracene	ND		1	1.0	0.10	ug/L	04/29/2016 1516
Benzo(a)anthracene	ND		1	1.0	0.040	ug/L	04/29/2016 1516
Benzo(a)pyrene	ND		1	1.0	0.070	ug/L	04/29/2016 1516
Benzo(b)fluoranthene	ND		1	1.0	0.040	ug/L	04/29/2016 1516
Benzo(g,h,i)perylene	ND		1	1.0	0.040	ug/L	04/29/2016 1516
Benzo(k)fluoranthene	ND		1	1.0	0.040	ug/L	04/29/2016 1516
Benzyl alcohol	ND		1	1.0	0.84	ug/L	04/29/2016 1516
bis (2-Chloro-1-methylethyl) ether	ND		1	1.0	0.17	ug/L	04/29/2016 1516
bis(2-Chloroethoxy)methane	ND		1	1.0	0.060	ug/L	04/29/2016 1516
bis(2-Chloroethyl)ether	ND		1	1.0	0.16	ug/L	04/29/2016 1516
bis(2-Ethylhexyl)phthalate	ND		1	5.0	0.38	ug/L	04/29/2016 1516
Butyl benzyl phthalate	ND		1	5.0	0.21	ug/L	04/29/2016 1516
Chlorobenzilate	ND		1	2.0	0.41	ug/L	04/29/2016 1516
Chrysene	ND		1	1.0	0.030	ug/L	04/29/2016 1516
Di-n-butyl phthalate	ND		1	5.0	0.42	ug/L	04/29/2016 1516
Di-n-octylphthalate	ND		1	5.0	0.48	ug/L	04/29/2016 1516
Diallate - isomer 1	ND		1	2.0	0.67	ug/L	04/29/2016 1516
Diallate - isomer 2	ND		1	2.0	0.68	ug/L	04/29/2016 1516
Dibenzo(a,h)anthracene	ND		1	1.0	0.030	ug/L	04/29/2016 1516
Dibenzofuran	ND		1	1.0	0.16	ug/L	04/29/2016 1516
Diethylphthalate	ND		1	5.0	0.19	ug/L	04/29/2016 1516
Dimethoate	ND		1	2.0	0.71	ug/L	04/29/2016 1516
Dimethyl phthalate	ND		1	5.0	0.18	ug/L	04/29/2016 1516
Disulfoton	ND		1	1.0	0.25	ug/L	04/29/2016 1516
Ethyl methanesulfonate	ND		1	1.0	0.42	ug/L	04/29/2016 1516
Ethyl parathion	ND		1	5.0	2.2	ug/L	04/29/2016 1516
Famphur	ND		1	5.0	4.1	ug/L	04/29/2016 1516
Fluoranthene	ND		1	1.0	0.21	ug/L	04/29/2016 1516
Fluorene	ND		1	1.0	0.030	ug/L	04/29/2016 1516
Hexachlorobenzene	ND		1	1.0	0.15	ug/L	04/29/2016 1516
Hexachlorobutadiene	ND		1	1.0	0.17	ug/L	04/29/2016 1516
Hexachlorocyclopentadiene	ND		1	5.0	1.1	ug/L	04/29/2016 1516
Hexachloroethane	ND		1	1.0	0.17	ug/L	04/29/2016 1516
Hexachloropropene	ND		1	2.0	0.27	ug/L	04/29/2016 1516
Indeno(1,2,3-c,d)pyrene	ND		1	1.0	0.040	ug/L	04/29/2016 1516
Isodrin	ND		1	1.0	0.52	ug/L	04/29/2016 1516
Isophorone	ND		1	1.0	0.22	ug/L	04/29/2016 1516
Isosafrole	ND		1	1.0	0.50	ug/L	04/29/2016 1516
Kepone	ND		1	10	4.3	ug/L	04/29/2016 1516
Methapyrilene	ND		1	5.0	2.7	ug/L	04/29/2016 1516
Methyl methanesulfonate	ND		1	1.0	0.49	ug/L	04/29/2016 1516

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11467-001
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Methyl parathion	ND		1	5.0	3.2	ug/L	04/29/2016 1516
N-Nitroso-di-butylamine	ND		1	1.0	0.21	ug/L	04/29/2016 1516
N-Nitrosodi-n-propylamine	ND		1	1.0	0.28	ug/L	04/29/2016 1516
N-Nitrosodiethylamine	ND		1	1.0	0.53	ug/L	04/29/2016 1516
N-Nitrosodimethylamine	ND		1	1.0	0.14	ug/L	04/29/2016 1516
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	1.0	0.84	ug/L	04/29/2016 1516
N-Nitrosomethylethylamine	ND		1	1.0	0.20	ug/L	04/29/2016 1516
N-Nitrosopiperidine	ND		1	1.0	0.22	ug/L	04/29/2016 1516
N-Nitrosopyrrolidine	ND		1	1.0	0.26	ug/L	04/29/2016 1516
Naphthalene	ND		1	1.0	0.050	ug/L	04/29/2016 1516
Nitrobenzene	ND		1	1.0	0.17	ug/L	04/29/2016 1516
o-Toluidine	ND		1	1.0	0.92	ug/L	04/29/2016 1516
p-(Dimethylamino)azobenzene	ND		1	1.0	0.53	ug/L	04/29/2016 1516
p-Phenylenediamine	ND		1	10	1.8	ug/L	04/29/2016 1516
Pentachlorobenzene	ND		1	1.0	0.28	ug/L	04/29/2016 1516
Pentachloronitrobenzene	ND		1	5.0	0.64	ug/L	04/29/2016 1516
Pentachlorophenol	ND		1	5.0	1.3	ug/L	04/29/2016 1516
Phenacetin	ND		1	1.0	0.32	ug/L	04/29/2016 1516
Phenanthrene	ND		1	1.0	0.060	ug/L	04/29/2016 1516
Phenol	ND		1	1.0	0.19	ug/L	04/29/2016 1516
Phorate	ND		1	2.0	1.2	ug/L	04/29/2016 1516
Pronamide	ND		1	2.0	0.81	ug/L	04/29/2016 1516
Pyrene	ND		1	1.0	0.16	ug/L	04/29/2016 1516
Safrole	ND		1	1.0	0.26	ug/L	04/29/2016 1516

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		48	41-144
2-Fluorobiphenyl		51	37-129
2-Fluorophenol		48	24-127
Nitrobenzene-d5		53	38-127
Phenol-d5		50	28-128
Terphenyl-d14		86	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11467-002
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,4-Trichlorobenzene	10	3.6	N	1	36	51-117	04/29/2016 1630
1,2-Dichlorobenzene	10	3.7	N	1	37	50-116	04/29/2016 1630
1,3-Dichlorobenzene	10	3.4	N	1	34	48-114	04/29/2016 1630
1,4-Dichlorobenzene	10	3.6	N	1	36	48-112	04/29/2016 1630
2,4,5-Trichlorophenol	10	6.1		1	61	56-118	04/29/2016 1630
2,4,6-Trichlorophenol	10	5.5		1	55	55-121	04/29/2016 1630
2,4-Dichlorophenol	20	10	N	1	50	55-117	04/29/2016 1630
2,4-Dimethylphenol	10	3.2	N	1	32	36-170	04/29/2016 1630
2,4-Dinitrophenol	10	2.4	N	1	24	47-133	04/29/2016 1630
2,4-Dinitrotoluene	10	8.1		1	81	59-127	04/29/2016 1630
2,6-Dinitrotoluene	10	7.0		1	70	59-126	04/29/2016 1630
2-Chloronaphthalene	10	4.1	N	1	41	46-100	04/29/2016 1630
2-Chlorophenol	10	4.9	N	1	49	50-117	04/29/2016 1630
2-Methylnaphthalene	10	4.2	N	1	42	57-115	04/29/2016 1630
2-Methylphenol	10	4.8	N	1	48	56-119	04/29/2016 1630
2-Nitroaniline	10	6.0		1	60	60-124	04/29/2016 1630
2-Nitrophenol	10	5.2		1	52	51-118	04/29/2016 1630
3+4-Methylphenol	10	5.4		1	54	53-119	04/29/2016 1630
3,3'-Dichlorobenzidine	10	8.0		1	80	10-126	04/29/2016 1630
3-Nitroaniline	10	6.7		1	67	43-123	04/29/2016 1630
4,6-Dinitro-2-methylphenol	10	6.4		1	64	56-128	04/29/2016 1630
4-Bromophenyl phenyl ether	10	6.8		1	68	55-121	04/29/2016 1630
4-Chloro-3-methyl phenol	10	6.2		1	62	58-125	04/29/2016 1630
4-Chloroaniline	10	5.9		1	59	10-128	04/29/2016 1630
4-Chlorophenyl phenyl ether	10	6.3		1	63	55-121	04/29/2016 1630
4-Nitroaniline	10	7.9		1	79	60-135	04/29/2016 1630
4-Nitrophenol	20	15		1	75	53-130	04/29/2016 1630
Acenaphthene	10	5.2	N	1	52	54-118	04/29/2016 1630
Acenaphthylene	10	5.0		1	50	48-155	04/29/2016 1630
Acetophenone	10	5.2		1	52	52-125	04/29/2016 1630
Anthracene	10	7.3		1	73	55-122	04/29/2016 1630
Benzo(a)anthracene	10	8.3		1	83	56-123	04/29/2016 1630
Benzo(a)pyrene	10	8.1		1	81	54-124	04/29/2016 1630
Benzo(b)fluoranthene	10	8.4		1	84	55-136	04/29/2016 1630
Benzo(g,h,i)perylene	10	9.4		1	94	42-129	04/29/2016 1630
Benzo(k)fluoranthene	10	8.4		1	84	53-132	04/29/2016 1630
Benzyl alcohol	10	7.1		1	71	50-134	04/29/2016 1630
bis (2-Chloro-1-methylethyl) ether	10	6.5		1	65	42-124	04/29/2016 1630
bis(2-Chloroethoxy)methane	10	5.9		1	59	44-127	04/29/2016 1630
bis(2-Chloroethyl)ether	10	5.6		1	56	46-120	04/29/2016 1630
bis(2-Ethylhexyl)phthalate	10	9.0		1	90	56-128	04/29/2016 1630
Butyl benzyl phthalate	10	9.0		1	90	54-135	04/29/2016 1630
Chrysene	10	8.5		1	85	54-120	04/29/2016 1630
Di-n-butyl phthalate	10	8.5		1	85	60-131	04/29/2016 1630

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11467-002
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Di-n-octylphthalate	10	9.2		1	92	50-136	04/29/2016 1630
Dibenzo(a,h)anthracene	10	8.5		1	85	50-127	04/29/2016 1630
Dibenzofuran	10	5.4	N	1	54	58-118	04/29/2016 1630
Diethylphthalate	10	7.8		1	78	60-125	04/29/2016 1630
Dimethyl phthalate	10	6.9		1	69	60-122	04/29/2016 1630
Fluoranthene	10	8.0		1	80	58-124	04/29/2016 1630
Fluorene	10	5.8		1	58	57-119	04/29/2016 1630
Hexachlorobenzene	10	6.8		1	68	55-118	04/29/2016 1630
Hexachlorobutadiene	10	3.8	N	1	38	53-116	04/29/2016 1630
Hexachlorocyclopentadiene	50	6.5	N	1	13	16-96	04/29/2016 1630
Hexachloroethane	10	3.4		1	34	31-110	04/29/2016 1630
Indeno(1,2,3-c,d)pyrene	10	9.0		1	90	48-126	04/29/2016 1630
Isophorone	10	5.0	N	1	50	57-123	04/29/2016 1630
N-Nitrosodi-n-propylamine	10	5.4		1	54	54-127	04/29/2016 1630
N-Nitrosodimethylamine	10	5.9		1	59	41-123	04/29/2016 1630
N-Nitrosodiphenylamine (Diphenylamine)	10	4.5		1	45	35-146	04/29/2016 1630
Naphthalene	10	4.3	N	1	43	52-109	04/29/2016 1630
Nitrobenzene	10	5.5		1	55	51-122	04/29/2016 1630
Pentachlorophenol	20	18		1	89	42-131	04/29/2016 1630
Phenanthrene	10	7.1		1	71	56-119	04/29/2016 1630
Phenol	10	5.3		1	53	49-117	04/29/2016 1630
Pyrene	10	8.6		1	86	55-127	04/29/2016 1630

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		71	41-144
2-Fluorobiphenyl		46	37-129
2-Fluorophenol		46	24-127
Nitrobenzene-d5		53	38-127
Phenol-d5		48	28-128
Terphenyl-d14		84	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-004MS
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	20	8.1	N	1	40	54-118	04/29/2016 1857
Acenaphthylene	ND	20	8.0	N	1	40	48-155	04/29/2016 1857
Acetophenone	ND	20	7.7	N	1	38	52-125	04/29/2016 1857
Anthracene	ND	20	10		1	52	30-130	04/29/2016 1857
Benzo(a)anthracene	ND	20	13		1	65	56-123	04/29/2016 1857
Benzo(a)pyrene	ND	20	12		1	58	54-124	04/29/2016 1857
Benzo(b)fluoranthene	ND	20	13		1	67	55-136	04/29/2016 1857
Benzo(g,h,i)perylene	ND	20	14		1	69	42-129	04/29/2016 1857
Benzo(k)fluoranthene	ND	20	13		1	67	53-132	04/29/2016 1857
Benzyl alcohol	ND	20	10		1	51	50-134	04/29/2016 1857
4-Bromophenyl phenyl ether	ND	20	11		1	55	55-121	04/29/2016 1857
Butyl benzyl phthalate	ND	20	15		1	73	54-135	04/29/2016 1857
4-Chloro-3-methyl phenol	ND	20	9.1	N	1	45	58-125	04/29/2016 1857
4-Chloroaniline	ND	20	8.0		1	40	10-128	04/29/2016 1857
bis(2-Chloroethoxy)methane	ND	20	8.6	N	1	43	44-127	04/29/2016 1857
bis(2-Chloroethyl)ether	ND	20	7.7	N	1	38	46-120	04/29/2016 1857
bis (2-Chloro-1-methylethyl) ether	ND	20	9.6		1	48	42-124	04/29/2016 1857
2-Chloronaphthalene	ND	20	6.8	N	1	34	46-100	04/29/2016 1857
2-Chlorophenol	ND	20	6.7	N	1	33	50-117	04/29/2016 1857
4-Chlorophenyl phenyl ether	ND	20	10	N	1	50	121-130	04/29/2016 1857
Chrysene	ND	20	13		1	67	54-120	04/29/2016 1857
Dibenzo(a,h)anthracene	ND	20	13		1	66	50-127	04/29/2016 1857
Dibenzofuran	ND	20	8.3	N	1	42	58-118	04/29/2016 1857
1,2-Dichlorobenzene	ND	20	5.6	N	1	28	50-116	04/29/2016 1857
1,3-Dichlorobenzene	ND	20	5.2	N	1	26	48-114	04/29/2016 1857
1,4-Dichlorobenzene	ND	20	5.4	N	1	27	48-112	04/29/2016 1857
3,3'-Dichlorobenzidine	ND	20	4.1		1	21	10-126	04/29/2016 1857
2,4-Dichlorophenol	ND	40	14	N	1	35	55-117	04/29/2016 1857
Diethylphthalate	ND	20	13		1	64	60-125	04/29/2016 1857
Dimethyl phthalate	ND	20	11	N	1	55	60-122	04/29/2016 1857
2,4-Dimethylphenol	ND	20	5.1	N	1	26	36-170	04/29/2016 1857
Di-n-butyl phthalate	ND	20	13		1	67	60-131	04/29/2016 1857
4,6-Dinitro-2-methylphenol	ND	20	9.5	N	1	47	56-128	04/29/2016 1857
2,4-Dinitrophenol	ND	20	5.0	N	1	25	47-133	04/29/2016 1857
2,4-Dinitrotoluene	ND	20	13		1	64	59-127	04/29/2016 1857
2,6-Dinitrotoluene	ND	20	11	N	1	54	59-126	04/29/2016 1857
Di-n-octylphthalate	ND	20	14		1	72	50-136	04/29/2016 1857
bis(2-Ethylhexyl)phthalate	0.52	20	14		1	69	56-128	04/29/2016 1857
Fluoranthene	ND	20	13		1	63	58-124	04/29/2016 1857
Fluorene	ND	20	9.2	N	1	46	57-119	04/29/2016 1857
Hexachlorobenzene	ND	20	11	N	1	53	55-118	04/29/2016 1857
Hexachlorobutadiene	ND	20	5.9	N	1	30	53-116	04/29/2016 1857
Hexachlorocyclopentadiene	ND	100	16		1	16	16-96	04/29/2016 1857
Hexachloroethane	ND	20	5.1	N	1	26	31-110	04/29/2016 1857

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-004MS
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Indeno(1,2,3-c,d)pyrene	ND	20	14		1	69	48-126	04/29/2016 1857
Isophorone	ND	20	7.5	N	1	38	57-123	04/29/2016 1857
2-Methylnaphthalene	ND	20	6.8	N	1	34	57-115	04/29/2016 1857
2-Methylphenol	ND	20	6.5	N	1	33	56-119	04/29/2016 1857
3+4-Methylphenol	ND	20	7.5	N	1	38	53-119	04/29/2016 1857
Naphthalene	ND	20	6.9	N	1	35	52-109	04/29/2016 1857
2-Nitroaniline	ND	20	9.8	N	1	49	60-124	04/29/2016 1857
3-Nitroaniline	ND	20	11		1	54	43-123	04/29/2016 1857
4-Nitroaniline	ND	20	13		1	64	60-135	04/29/2016 1857
Nitrobenzene	ND	20	7.7	N	1	39	51-122	04/29/2016 1857
2-Nitrophenol	ND	20	7.0	N	1	35	51-118	04/29/2016 1857
4-Nitrophenol	ND	40	24		1	59	53-130	04/29/2016 1857
N-Nitrosodimethylamine	ND	20	7.5	N	1	38	41-123	04/29/2016 1857
N-Nitrosodi-n-propylamine	ND	20	7.9	N	1	39	54-127	04/29/2016 1857
N-Nitrosodiphenylamine (Diphenylamine)	ND	20	1.6	N	1	8.0	35-146	04/29/2016 1857
Pentachlorophenol	ND	40	28		1	71	42-131	04/29/2016 1857
Phenanthrene	ND	20	12		1	58	56-119	04/29/2016 1857
Phenol	ND	20	6.8	N	1	34	49-117	04/29/2016 1857
Pyrene	ND	20	14		1	69	55-127	04/29/2016 1857
1,2,4-Trichlorobenzene	ND	20	5.7	N	1	29	51-117	04/29/2016 1857
2,4,5-Trichlorophenol	ND	20	8.9	N	1	44	56-118	04/29/2016 1857
2,4,6-Trichlorophenol	ND	20	8.1	N	1	40	55-121	04/29/2016 1857

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		55	41-144
2-Fluorobiphenyl	N	36	37-129
2-Fluorophenol		29	24-127
Nitrobenzene-d5	N	37	38-127
Phenol-d5		31	28-128
Terphenyl-d14		39	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-004MD
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	20	11		1	57	34	54-118	40	04/29/2016 1922
Acenaphthylene	ND	20	11		1	56	34	48-155	40	04/29/2016 1922
Acetophenone	ND	20	11		1	57	39	52-125	40	04/29/2016 1922
Anthracene	ND	20	11		1	55	7.2	30-130	40	04/29/2016 1922
Benzo(a)anthracene	ND	20	12		1	61	5.8	56-123	40	04/29/2016 1922
Benzo(a)pyrene	ND	20	9.3	N	1	47	22	54-124	40	04/29/2016 1922
Benzo(b)fluoranthene	ND	20	12		1	61	8.7	55-136	40	04/29/2016 1922
Benzo(g,h,i)perylene	ND	20	12		1	58	17	42-129	40	04/29/2016 1922
Benzo(k)fluoranthene	ND	20	12		1	60	11	53-132	40	04/29/2016 1922
Benzyl alcohol	ND	20	15		1	76	39	50-134	40	04/29/2016 1922
4-Bromophenyl phenyl ether	ND	20	14		1	68	22	55-121	40	04/29/2016 1922
Butyl benzyl phthalate	ND	20	15		1	75	2.4	54-135	40	04/29/2016 1922
4-Chloro-3-methyl phenol	ND	20	13		1	64	35	58-125	40	04/29/2016 1922
4-Chloroaniline	ND	20	6.7		1	34	17	10-128	40	04/29/2016 1922
bis(2-Chloroethoxy)methane	ND	20	13		1	64	39	44-127	40	04/29/2016 1922
bis(2-Chloroethyl)ether	ND	20	11		1	55	36	46-120	40	04/29/2016 1922
bis (2-Chloro-1-methylethyl) ether	ND	20	14		1	71	39	42-124	40	04/29/2016 1922
2-Chloronaphthalene	ND	20	9.8		1	49	36	46-100	40	04/29/2016 1922
2-Chlorophenol	ND	20	10	+	1	51	42	50-117	40	04/29/2016 1922
4-Chlorophenyl phenyl ether	ND	20	13	N	1	66	28	121-130	40	04/29/2016 1922
Chrysene	ND	20	12		1	60	11	54-120	40	04/29/2016 1922
Dibenzo(a,h)anthracene	ND	20	12		1	58	13	50-127	40	04/29/2016 1922
Dibenzofuran	ND	20	11	N	1	57	32	58-118	40	04/29/2016 1922
1,2-Dichlorobenzene	ND	20	8.7	N,+	1	44	43	50-116	40	04/29/2016 1922
1,3-Dichlorobenzene	ND	20	8.0	N,+	1	40	43	48-114	40	04/29/2016 1922
1,4-Dichlorobenzene	ND	20	8.4	N,+	1	42	44	48-112	40	04/29/2016 1922
3,3'-Dichlorobenzidine	ND	20	3.1		1	15	30	10-126	40	04/29/2016 1922
2,4-Dichlorophenol	ND	40	22	N,+	1	54	45	55-117	40	04/29/2016 1922
Diethylphthalate	ND	20	15		1	74	15	60-125	40	04/29/2016 1922
Dimethyl phthalate	ND	20	14		1	69	23	60-122	40	04/29/2016 1922
2,4-Dimethylphenol	ND	20	7.7		1	38	40	36-170	40	04/29/2016 1922
Di-n-butyl phthalate	ND	20	14		1	71	7.0	60-131	40	04/29/2016 1922
4,6-Dinitro-2-methylphenol	ND	20	9.6	N	1	48	1.2	56-128	40	04/29/2016 1922
2,4-Dinitrophenol	ND	20	4.8	N	1	24	4.4	47-133	40	04/29/2016 1922
2,4-Dinitrotoluene	ND	20	15		1	76	18	59-127	40	04/29/2016 1922
2,6-Dinitrotoluene	ND	20	14		1	69	24	59-126	40	04/29/2016 1922
Di-n-octylphthalate	ND	20	13		1	63	13	50-136	40	04/29/2016 1922
bis(2-Ethylhexyl)phthalate	0.52	20	14		1	66	4.5	56-128	40	04/29/2016 1922
Fluoranthene	ND	20	13		1	67	5.7	58-124	40	04/29/2016 1922
Fluorene	ND	20	12		1	61	28	57-119	40	04/29/2016 1922
Hexachlorobenzene	ND	20	12		1	60	12	55-118	40	04/29/2016 1922
Hexachlorobutadiene	ND	20	9.2	N,+	1	46	43	53-116	40	04/29/2016 1922
Hexachlorocyclopentadiene	ND	100	26	+	1	26	51	16-96	40	04/29/2016 1922
Hexachloroethane	ND	20	8.1	+	1	41	45	31-110	40	04/29/2016 1922

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-004MD
Batch: 11467
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/21/2016 1542

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Indeno(1,2,3-c,d)pyrene	ND	20	12		1	59	15	48-126	40	04/29/2016 1922
Isophorone	ND	20	11	N	1	53	35	57-123	40	04/29/2016 1922
2-Methylnaphthalene	ND	20	10	N	1	50	38	57-115	40	04/29/2016 1922
2-Methylphenol	ND	20	9.7	N	1	48	39	56-119	40	04/29/2016 1922
3+4-Methylphenol	ND	20	11	+	1	57	41	53-119	40	04/29/2016 1922
Naphthalene	ND	20	10	N	1	51	39	52-109	40	04/29/2016 1922
2-Nitroaniline	ND	20	13		1	63	25	60-124	40	04/29/2016 1922
3-Nitroaniline	ND	20	12		1	59	8.0	43-123	40	04/29/2016 1922
4-Nitroaniline	ND	20	13		1	67	3.7	60-135	40	04/29/2016 1922
Nitrobenzene	ND	20	12		1	58	40	51-122	40	04/29/2016 1922
2-Nitrophenol	ND	20	11	+	1	54	42	51-118	40	04/29/2016 1922
4-Nitrophenol	ND	40	25		1	62	4.9	53-130	40	04/29/2016 1922
N-Nitrosodimethylamine	ND	20	11		1	56	40	41-123	40	04/29/2016 1922
N-Nitrosodi-n-propylamine	ND	20	12		1	59	40	54-127	40	04/29/2016 1922
N-Nitrosodiphenylamine (Diphenylamine)	ND	20	1.5	N	1	7.4	7.2	35-146	40	04/29/2016 1922
Pentachlorophenol	ND	40	28		1	71	0.45	42-131	40	04/29/2016 1922
Phenanthrene	ND	20	13		1	66	14	56-119	40	04/29/2016 1922
Phenol	ND	20	10	+	1	52	42	49-117	40	04/29/2016 1922
Pyrene	ND	20	14		1	70	1.4	55-127	40	04/29/2016 1922
1,2,4-Trichlorobenzene	ND	20	9.1	N,+	1	45	45	51-117	40	04/29/2016 1922
2,4,5-Trichlorophenol	ND	20	12		1	61	31	56-118	40	04/29/2016 1922
2,4,6-Trichlorophenol	ND	20	12	+	1	62	42	55-121	40	04/29/2016 1922

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		69	41-144
2-Fluorobiphenyl		50	37-129
2-Fluorophenol		47	24-127
Nitrobenzene-d5		53	38-127
Phenol-d5		46	28-128
Terphenyl-d14		30	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11323-001
Batch: 11323
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2016 1300

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	0.040	0.015	ug/L	04/21/2016 1533
4,4'-DDE	ND		1	0.040	0.015	ug/L	04/21/2016 1533
4,4'-DDT	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Aldrin	ND		1	0.040	0.015	ug/L	04/21/2016 1533
alpha-BHC	ND		1	0.040	0.015	ug/L	04/21/2016 1533
beta-BHC	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Chlordane	ND		1	0.40	0.15	ug/L	04/21/2016 1533
delta-BHC	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Dieldrin	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Endosulfan I	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Endosulfan II	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Endosulfan sulfate	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Endrin	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Endrin aldehyde	ND		1	0.040	0.015	ug/L	04/21/2016 1533
gamma-BHC (Lindane)	ND		1	0.040	0.017	ug/L	04/21/2016 1533
Heptachlor	ND		1	0.040	0.015	ug/L	04/21/2016 1533
Heptachlor epoxide	ND		1	0.040	0.016	ug/L	04/21/2016 1533
Methoxychlor	ND		1	0.16	0.021	ug/L	04/21/2016 1533
Toxaphene	ND		1	0.40	0.30	ug/L	04/21/2016 1533

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		29	10-122
Tetrachloro-m-xylene		83	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11323-002
Batch: 11323
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2016 1300

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	0.80	0.86		1	108	70-130	04/21/2016 1547
4,4'-DDE	0.80	0.81		1	102	70-130	04/21/2016 1547
4,4'-DDT	0.80	0.92		1	115	70-130	04/21/2016 1547
Aldrin	0.80	0.72		1	90	70-130	04/21/2016 1547
alpha-BHC	0.80	0.77		1	96	70-130	04/21/2016 1547
beta-BHC	0.80	0.73		1	91	70-130	04/21/2016 1547
delta-BHC	0.80	0.80		1	100	70-130	04/21/2016 1547
Dieldrin	0.80	0.85		1	106	70-130	04/21/2016 1547
Endosulfan I	0.80	0.71		1	89	70-130	04/21/2016 1547
Endosulfan II	0.80	0.75		1	94	70-130	04/21/2016 1547
Endosulfan sulfate	0.80	0.86		1	107	70-130	04/21/2016 1547
Endrin	0.80	0.86		1	107	70-130	04/21/2016 1547
Endrin aldehyde	0.80	0.67		1	83	70-130	04/21/2016 1547
gamma-BHC (Lindane)	0.80	0.80		1	100	70-130	04/21/2016 1547
Heptachlor	0.80	0.75		1	94	70-130	04/21/2016 1547
Heptachlor epoxide	0.80	0.78		1	97	70-130	04/21/2016 1547
Methoxychlor	0.80	0.87		1	109	70-130	04/21/2016 1547

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		43	10-122
Tetrachloro-m-xylene		80	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-001MS
Batch: 11323
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2016 1300

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aldrin	ND	0.80	0.63		1	79	70-130	04/21/2016 1632
gamma-BHC (Lindane)	ND	0.80	0.77		1	97	70-130	04/21/2016 1632
alpha-BHC	ND	0.80	0.74		1	93	70-130	04/21/2016 1632
beta-BHC	ND	0.80	0.72		1	90	70-130	04/21/2016 1632
delta-BHC	ND	0.80	0.77		1	97	70-130	04/21/2016 1632
4,4'-DDD	ND	0.80	0.79		1	98	70-130	04/21/2016 1632
4,4'-DDE	ND	0.80	0.63		1	79	70-130	04/21/2016 1632
4,4'-DDT	ND	0.80	0.79		1	99	70-130	04/21/2016 1632
Dieldrin	ND	0.80	0.81		1	101	70-130	04/21/2016 1632
Endosulfan I	ND	0.80	0.70		1	87	70-130	04/21/2016 1632
Endosulfan II	ND	0.80	0.75		1	93	70-130	04/21/2016 1632
Endosulfan sulfate	ND	0.80	0.84		1	105	70-130	04/21/2016 1632
Endrin	ND	0.80	0.83		1	104	70-130	04/21/2016 1632
Endrin aldehyde	ND	0.80	0.66		1	82	70-130	04/21/2016 1632
Heptachlor	ND	0.80	0.74		1	93	70-130	04/21/2016 1632
Heptachlor epoxide	ND	0.80	0.79		1	99	70-130	04/21/2016 1632
Methoxychlor	ND	0.80	0.84		1	105	70-130	04/21/2016 1632

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		44	10-122
Tetrachloro-m-xylene		89	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-001MD
Batch: 11323
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2016 1300

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aldrin	ND	0.80	0.66		1	83	4.6	70-130	30	04/21/2016 1646
gamma-BHC (Lindane)	ND	0.80	0.77		1	96	1.2	70-130	30	04/21/2016 1646
alpha-BHC	ND	0.80	0.72		1	90	2.9	70-130	30	04/21/2016 1646
beta-BHC	ND	0.80	0.71		1	89	0.80	70-130	30	04/21/2016 1646
delta-BHC	ND	0.80	0.76		1	95	1.4	70-130	30	04/21/2016 1646
4,4'-DDD	ND	0.80	0.82		1	102	4.1	70-130	30	04/21/2016 1646
4,4'-DDE	ND	0.80	0.73		1	91	14	70-130	30	04/21/2016 1646
4,4'-DDT	ND	0.80	0.92		1	115	15	70-130	30	04/21/2016 1646
Dieldrin	ND	0.80	0.81		1	101	0.48	70-130	30	04/21/2016 1646
Endosulfan I	ND	0.80	0.70		1	87	0.014	70-130	30	04/21/2016 1646
Endosulfan II	ND	0.80	0.75		1	94	0.97	70-130	30	04/21/2016 1646
Endosulfan sulfate	ND	0.80	0.84		1	105	0.12	70-130	30	04/21/2016 1646
Endrin	ND	0.80	0.83		1	104	0.41	70-130	30	04/21/2016 1646
Endrin aldehyde	ND	0.80	0.69		1	86	4.8	70-130	30	04/21/2016 1646
Heptachlor	ND	0.80	0.75		1	94	1.7	70-130	30	04/21/2016 1646
Heptachlor epoxide	ND	0.80	0.79		1	99	0.34	70-130	30	04/21/2016 1646
Methoxychlor	ND	0.80	0.89		1	111	5.3	70-130	30	04/21/2016 1646

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		68	10-122
Tetrachloro-m-xylene		84	46-119

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11324-001
Batch: 11324
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Cleanup: 3665A
Prep Date: 04/20/2016 1300

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Aroclor 1016	ND		1	0.40	0.15	ug/L	04/22/2016 1617
Aroclor 1221	ND		1	0.40	0.25	ug/L	04/22/2016 1617
Aroclor 1232	ND		1	0.40	0.15	ug/L	04/22/2016 1617
Aroclor 1242	ND		1	0.40	0.15	ug/L	04/22/2016 1617
Aroclor 1248	ND		1	0.40	0.15	ug/L	04/22/2016 1617
Aroclor 1254	ND		1	0.40	0.15	ug/L	04/22/2016 1617
Aroclor 1260	ND		1	0.40	0.15	ug/L	04/22/2016 1617

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		25	10-133
Tetrachloro-m-xylene		107	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11324-002
Batch: 11324
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Cleanup: 3665A
Prep Date: 04/20/2016 1300

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	4.0	4.3		1	107	70-130	04/22/2016 1630
Aroclor 1260	4.0	5.1		1	127	70-130	04/22/2016 1630

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		45	10-133
Tetrachloro-m-xylene		111	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-002MS
Batch: 11324
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2016 1300
Cleanup: 3665A

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	ND	4.0	2.4	N	1	61	70-130	04/22/2016 1711
Aroclor 1260	ND	4.0	3.2		1	79	70-130	04/22/2016 1711

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		44	10-133
Tetrachloro-m-xylene		66	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-002MD
Batch: 11324
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Cleanup: 3665A
Prep Date: 04/20/2016 1300

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	4.0	3.0	P,+	1	76	22	70-130	20	04/22/2016 1724
Aroclor 1260	ND	4.0	3.8		1	95	18	70-130	20	04/22/2016 1724

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		48	10-133
Tetrachloro-m-xylene		84	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11533-001
Batch: 11533
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/22/2016 945

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
2,4,5-T	ND		1	0.50	0.013	ug/L	04/26/2016 2320
2,4,5-TP (Silvex)	ND		1	0.50	0.010	ug/L	04/26/2016 2320
2,4-D	ND		1	2.0	0.050	ug/L	04/26/2016 2320
Dinoseb	ND		1	1.0	0.14	ug/L	04/26/2016 2320

Surrogate	Q	% Rec	Acceptance Limit
DCAA		71	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11533-002
Batch: 11533
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/22/2016 945

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-T	10	8.7		1	87	70-130	04/26/2016 2343
2,4,5-TP (Silvex)	10	9.3		1	93	70-130	04/26/2016 2343
2,4-D	10	9.3		1	93	70-130	04/26/2016 2343
Dinoseb	10	9.3		1	93	31-128	04/26/2016 2343

Surrogate	Q	% Rec	Acceptance Limit
DCAA		76	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-001MS
Batch: 11533
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/22/2016 945

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-T	ND	10	7.9		1	79	70-130	04/27/2016 0029
2,4-D	ND	10	8.7		1	87	70-130	04/27/2016 0029
Dinoseb	ND	10	8.4		1	84	31-128	04/27/2016 0029
2,4,5-TP (Silvex)	ND	10	8.4		1	84	70-130	04/27/2016 0029

Surrogate	Q	% Rec	Acceptance Limit
DCAA		70	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-001MD
Batch: 11533
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/22/2016 945

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	10	8.0		1	80	1.0	70-130	40	04/27/2016 0052
2,4-D	ND	10	8.8		1	88	0.11	70-130	40	04/27/2016 0052
Dinoseb	ND	10	9.4	P	1	94	12	31-128	40	04/27/2016 0052
2,4,5-TP (Silvex)	ND	10	8.8		1	88	4.5	70-130	40	04/27/2016 0052

Surrogate	Q	% Rec	Acceptance Limit
DCAA		73	62-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11434-001
Batch: 11434
Analytical Method: 6020A

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/21/2016 1221

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Antimony	**0.36**	**J**	**1**	**1.0**	**0.17**	**ug/L**	**04/21/2016 1529**
Arsenic	ND		1	1.0	0.26	ug/L	04/21/2016 1529
Barium	ND		1	5.0	0.53	ug/L	04/21/2016 1529
Beryllium	ND		1	0.40	0.12	ug/L	04/21/2016 1529
Cadmium	ND		1	0.10	0.044	ug/L	04/21/2016 1529
Calcium	ND		1	200	11	ug/L	04/21/2016 1529
Chromium	ND		1	5.0	0.63	ug/L	04/21/2016 1529
Cobalt	ND		1	5.0	0.26	ug/L	04/21/2016 1529
Copper	**0.19**	**J**	**1**	**1.0**	**0.15**	**ug/L**	**04/21/2016 1529**
Lead	ND		1	1.0	0.15	ug/L	04/21/2016 1529
Manganese	ND		1	5.0	0.54	ug/L	04/21/2016 1529
Nickel	ND		1	5.0	0.63	ug/L	04/21/2016 1529
Selenium	ND		1	1.0	0.95	ug/L	04/21/2016 1529
Silver	ND		1	1.0	0.17	ug/L	04/21/2016 1529
Thallium	ND		1	0.50	0.075	ug/L	04/21/2016 1529
Tin	ND		1	5.0	2.7	ug/L	04/21/2016 1529
Vanadium	**1.1**	**J**	**1**	**5.0**	**1.0**	**ug/L**	**04/21/2016 1529**
Zinc	ND		1	10	1.6	ug/L	04/21/2016 1529

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11434-002 **Matrix:** Aqueous
Batch: 11434 **Prep Method:** 3005A
Analytical Method: 6020A **Prep Date:** 04/21/2016 1221

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	100	92		1	92	80-120	04/21/2016 1534
Arsenic	100	93		1	93	80-120	04/21/2016 1534
Barium	100	93		1	93	80-120	04/21/2016 1534
Beryllium	100	97		1	97	80-120	04/21/2016 1534
Cadmium	100	89		1	89	80-120	04/21/2016 1534
Calcium	1000	930		1	93	80-120	04/21/2016 1534
Chromium	100	93		1	93	80-120	04/21/2016 1534
Cobalt	100	92		1	92	80-120	04/21/2016 1534
Copper	100	98		1	98	80-120	04/21/2016 1534
Lead	100	94		1	94	80-120	04/21/2016 1534
Manganese	100	91		1	91	80-120	04/21/2016 1534
Nickel	100	95		1	95	80-120	04/21/2016 1534
Selenium	100	98		1	98	80-120	04/21/2016 1534
Silver	100	96		1	96	80-120	04/21/2016 1534
Thallium	100	96		1	96	80-120	04/21/2016 1534
Tin	100	92		1	92	80-120	04/21/2016 1534
Vanadium	100	94		1	94	80-120	04/21/2016 1534
Zinc	100	96		1	96	80-120	04/21/2016 1534

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11279-001
Batch: 11279
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/20/2016 919

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00010	0.000028	mg/L	04/20/2016 1251

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RQ11279-002 **Matrix:** Aqueous
Batch: 11279 **Prep Method:** 7470A
Analytical Method: 7470A **Prep Date:** 04/20/2016 919

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0022		1	111	80-120	04/20/2016 1253

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-005MS
Batch: 11279
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/20/2016 919

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0023		1	112	85-115	04/20/2016 1311

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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: RD18042-005MD
Batch: 11279
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/20/2016 919

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	0.0023		1	113	0.89	85-115	20	04/20/2016 1314

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

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

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

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 60126

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Telephone No. / E-mail: 803-547-4955	Quote No.
Address: 2646 Farmlake Ln.	Sampler's Signature: T. Bolyard	Analysis (Attach list if more space is needed)	Page 1 of 1
City: Ft. Mill; State: SC; Zip Code: 29708	Printed Name: T. Bolyard		RD18042
Project Name: Hwy 49 C&D			
Project No.: EP-1271(A)			

Sample ID / Description (Containers for each sample may be combined on one line.)	P.O. No. Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	Zn Acetate / NaOH	App II VOCs + THF	App II Metals + Hg, Ca, As, Mn	App I VOCs + THF	App I Metals + Hg, Ca, As, Mn	TDS	CN	Chloride	Sulfide	Ammonia (N)	Alkalinity (Bicarb.)	Carbon Dioxide	App II SVOCs	App II Pest / PCBs	App II Herbs	Remarks / Cooler I.D.
MW-21	4/16/16	12:10	G	X			8	1	1	3	1	1	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Use Lower Level
MW-55		10:00	G	X			8	1	1	3	1	1	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Detection Limits;
MW-56		11:00	G	X			8	1	1	3	1	1	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Send EDD
MW-56A		10:45	G	X			8	1	1	3	1	1	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MW-56D		10:35	G	X			8	1	1	3	1	1	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MW-57		11:45	G	X			8	1	1	3	1	1	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MW-57D		11:30	G	X			8	1	1	3	1	1	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SW-1		10:20	G	X					1	3					✓	✓											
SW-2		11:35	G	X					1	3					✓	✓											
Trip Blank		—		X						2			✓														

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

Sample Disposal ☐ Return to Client ☑ Disposal by Lab

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

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: T. Bolyard	4/18/16	1230	1. Received by: [signature]	4.18.16	1230
2. Relinquished by: [signature]	4.18.16	1530	2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by: [signature]	4/18/16	1530

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

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack
Receipt Temp. 3.3 °C 2.4°C 2.6°C 3.6°C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: Greenway Waste Solutions of Harrisburg, LLC
LOCATION: Harrisburg, NC
PROJECT NAME/DESCRIPTION: Hwy 49 C&D
DATE OF WATER LEVEL MEASUREMENTS: 4-16-16

DEVELOP:
PURGING: ✓
SAMPLING: ✓

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

Sample ID	A Well No.	B Sample Date	C Time (hrs)	D Well Depth (ft)	E MP Elevation (ft)	F Depth to Water (ft-bmp)	(E - F) = G Water Level Elevation (ft)	(D - F) = H Hgt. of Water Col. (ft)	I Volume of Water (gal)*	Vol. of Water Pgd. (gal)**	Temp. (°C)	Specific Cond. (umhos)	pH	Turbidity or Appearance
	MW-21	4-16-16	12:10	50		35.31		14.69	2.4	7.0				
	MW-55	"	10:00	23		14.9		8.1	1.3	4.0				
	MW-56A	"	10:45	28		9.65		15.4	2.5	7.5				
	MW-56B	"	11:00	25		6.92		18.08	3.0	9				
	MW-56D	"	10:35	50		8.87		41.13	6.7	20.0				
	MW-57	"	11:45	17		10.90		6.1	0.9	3.0				
	MW-57D	"	11:30	50		12.50		37.5	6.1	18.0				
	SW-1	"	10:20	—	—	—	—	—	—	—				
	SW-2	"	11:35	—	—	—	—	—	—	—				

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: 4-16-16
PERSONNEL: BVB

WELL ID	TIME (DURATION)	GALLONS	NTUs	TEMP. (DEGREES C)	CONDUCTIVITY (2mu/cm)	pH
MW-21		2		16.9	153.4	6.8
		4		16.8	135.2	6.7
		7		16.7	129.7	6.6
MW-55		1		16.8	261.9	6.8
		2		16.7	244.0	6.6
		4		16.7	239.7	6.5
MW-56		1		16.8	232.5	6.8
		3		16.6	214.4	6.7
		6		16.5	209.1	6.6
		9		16.6	215.7	6.5
MW-56A		2		16.9	227.0	6.7
		5		16.8	210.5	6.6
		7		16.7	215.9	6.5
MW-56D		1		16.9	266.4	6.8
		5		16.7	248.2	6.7
		10		16.8	239.1	6.6
MW-57		1		16.9	214.7	6.9
		2		16.8	202.8	6.8
		3		16.7	216.4	6.7
MW-57D		1		16.8	167.7	6.8
		5		16.6	157.2	6.6
		10		16.7	149.5	6.5
SW-1		N/A		16.7	224.5	6.6
SW-2		N/A		16.9	237.7	6.7