May 28, 2015

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 (31)
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 semi-annual 2015 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	4/15/15

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Thomas H. Bolyard, P.G.	Senior Hydrogeologist	(803) 547-4955
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Thomas H. Bolyard	5/29/15	Affix NC Licensed/ Professional Geologist/Engineer Seal here:
Signature	Date	

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Revised 01/2007

MONITORING REPORT (31)

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 28, 2015

NORTH CAROLINA LICENSED 492 GEOLOGIST THOMAS H. BOLYARD

Background Information:

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

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

Field Sampling Activities:

On April 15, 2015, 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 all seven of the monitor wells since the previous sampling event on October 17, 2014.

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, and PCBs. The surface water samples were analyzed for Appendix I metals and VOCs. Shealy's Report of Laboratory Analysis is attached as Appendix A, with a summary of groundwater and surface water analytical results included in Table 1.

Laboratory test results indicate low concentrations of the metal barium in all the monitor well and surface water samples. Low concentrations of the metals cobalt, copper, nickel, selenium, vanadium, and zinc were detected in at least two of the wells sampled. Cobalt and vanadium currently have no established 2L Standards. The levels identified for these metals are representative of those naturally occurring, in the bedrock, soil, and groundwater in this area. The remainder of the metals detected in the wells sampled were below their respective 2L Standards.

The pesticide compound beta-BHC was detected in well MW-57D. There is currently no 2L Standard established by the NC DENR for this compound.

Laboratory test results from the April 15, 2015 sampling event indicate that benzene was detected in monitor well MW-57 slightly below its 2L Standard. Toluene and xylenes (total) were detected at low concentrations well below their respective 2L Standards in all the wells sampled except for MW-57. Vinyl chloride was detected in monitor wells MW-55, 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 SVOC bis(2-ethylhexyl) phthalate was detected in well MW-56 above its 2L Standard. No other Appendix II VOC's, SVOCs, metals, herbicides, or pesticides were detected above their respective analytical limits in the monitor wells, surface water samples, or trip blank.

The primary contaminant of concern (COC), vinyl chloride, decreased in all three of the saprolite monitor wells in which it was detected since the previous sampling event on October 17, 2014. The vinyl chloride detected in bedrock monitor well MW-57D was the lowest during this sampling event than since it was installed in October 2013. The SVOC bis(2-ethylhexyl)phthalate was detected in monitor well MW-56 for the first time. This compound had been identified during the previous sampling event in well MW-56A, but was absent in this well during the current sampling event.

Recommendations

Coddle Creek appears to be the only potential down gradient receptor that may be impacted by contaminated groundwater. Monitor wells MW-57 and MW-57D indicated an upward hydraulic gradient of 0.057 during the most recent sampling event, providing further evidence that Coddle Creek is the groundwater discharge feature for this site. The most current and previous upstream and downstream sampling results indicate no contaminant impact to this surface water body. 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. Therefore, it is recommended that semi-annual sampling be continued for this landfill facility.

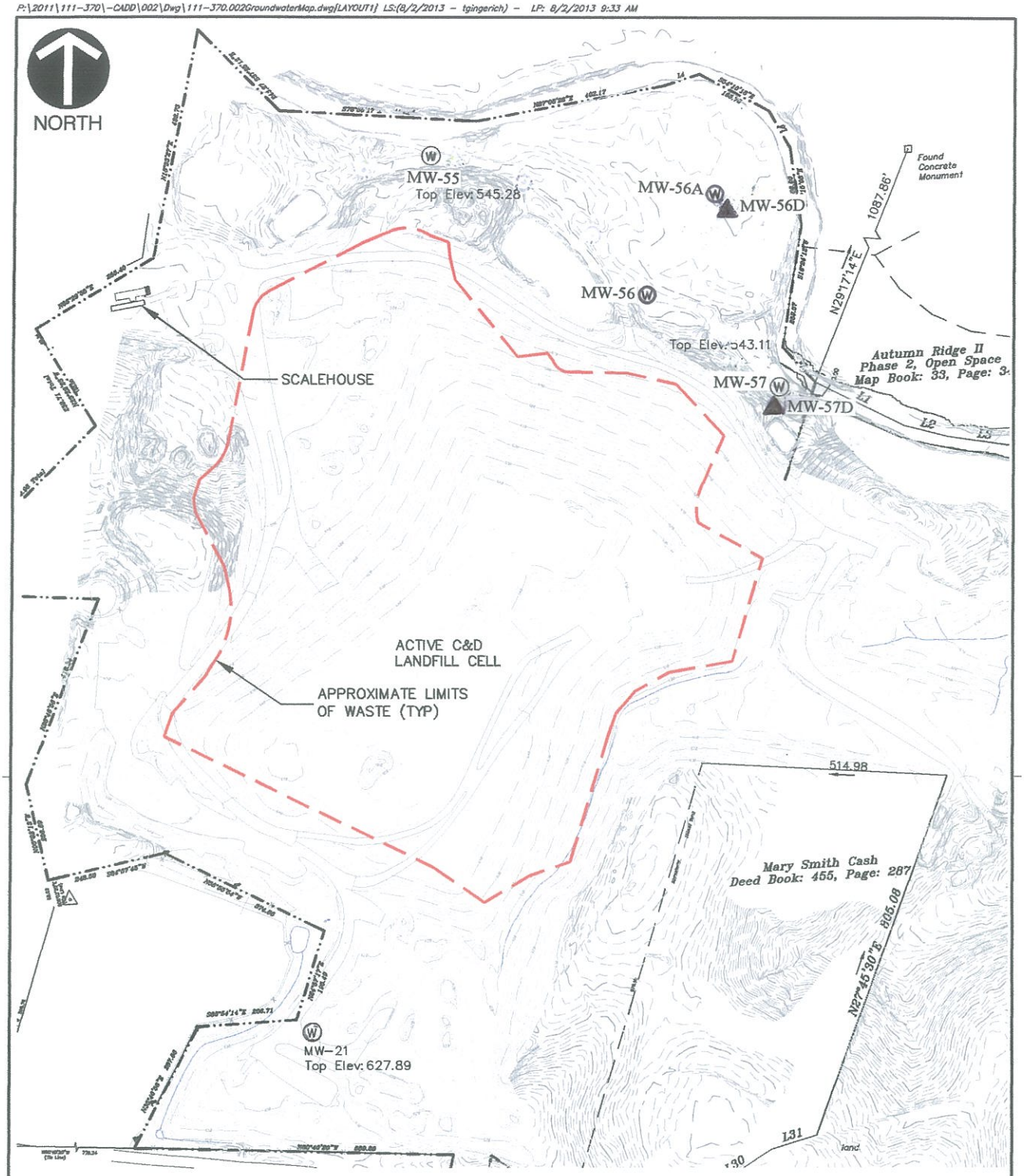
The next sampling event for the Highway 49 C&D Landfill site is scheduled for October 2015.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
Highway 49 C&D Landfill
Harrisburg, North Carolina
April 15, 2015

Analytical Method	8260B	8260B	8260B	8270D	6020A	6020A	6020A	6020A	6020A	6020A	6020A	6020A	7470A	8260B	8260B	8081B
Contaminant of Concern → / Sample ID	Benzene	Cis-1,2-Dichloroethene	Vinyl Chloride	bis(2-ethylhexyl)phthalate	Barium	Cobalt	Zinc	Copper	Nickel	Vanadium	Selenium	Arsenic	Mercury	Toluene	Xylenes	beta-BHC
MW-21	BDL	BDL	BDL	BDL	0.05	BDL	0.041	0.05	BDL	BDL	0.0013	BDL	BDL	2.5	2.7	BDL
MW-55	BDL	BDL	**0.66**	BDL	0.17	0.0061	0.038	0.017	0.022	0.0075	0.0018	BDL	BDL	2.2	2.1	BDL
MW-56	BDL	4.9	**8.2**	**10**	0.098	0.035	0.031	0.0011	0.0098	BDL	0.0017	BDL	BDL	1.4	1.7	BDL
MW-56A	BDL	BDL	BDL	BDL	0.048	BDL	BDL	BDL	BDL	BDL	0.0019	BDL	BDL	1.2	1.5	BDL
MW-56D	BDL	BDL	BDL	BDL	0.03	BDL	BDL	0.0014	BDL	BDL	BDL	BDL	BDL	1.7	1.6	BDL
MW-57	0.89	BDL	**3.9**	BDL	0.31	0.011	0.046	BDL	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-57D	BDL	BDL	**1.1**	BDL	0.1	BDL	0.015	0.0063	0.083	0.012	0.0052	BDL	BDL	1.5	1.9	0.071
SW-1	BDL	BDL	BDL	BDL	0.000046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-2	BDL	BDL	BDL	BDL	0.000049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trip Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2L Standard	**1**	**70**	**0.03**	**3**	**0.7**	**NE**	**1**	**1**	**0.1**	**NE**	**0.02**	**0.01**	**0.001**	**600**	**500**	**NE**

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

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



LEGEND

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

REFERENCE

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

SCALE IN FEET

0 200 400

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

ENVIRO-PRO
PROFESSIONAL CORPORATION

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

PHASE 1
MONITORING WELL LOCATION

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

APPENDIX A

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

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

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

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

Lot Number: **QD16052**

Date Completed: **05/01/2015**

Nisreen Saikaly
Project Manager

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

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

Case Narrative
Enviro-Pro, P.C.
Lot Number: QD16052

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.

Pesticides

The sample results associated with a P qualifier have a relative percent difference (RPD) between the two dissimilar phase GC columns which exceeds 40%. Section 7.10.4 of SW-846 method 8000B states the higher of the two results is reported. Per our standard operating procedure, the lower result is reported when a result has a P qualifier because the disparity between the two results would yield a biased high or false positive result. In the event that one column is a J qualified result and the other is an unqualified detection greater than the PQL, the lower result is also reported.

Cyanide

The MS/MSD recoveries in batch 73209 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Volatile Organic Compounds

The MS/MSD recoveries in batch 73166 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Semivolatile Organic Compounds

The MS/MSD recoveries in batch 72816 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

PCB

The MS/MSD recoveries in batch 72816 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required

Sample Summary
Enviro-Pro, P.C.
Lot Number: QD16052

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW21	Aqueous	04/15/2015 0730	04/16/2015
002	MW55	Aqueous	04/15/2015 0800	04/16/2015
003	MW56	Aqueous	04/15/2015 0830	04/16/2015
004	MW56A	Aqueous	04/15/2015 0900	04/16/2015
005	MW56D	Aqueous	04/15/2015 0930	04/16/2015
006	MW57	Aqueous	04/15/2015 1000	04/16/2015
007	MW57D	Aqueous	04/15/2015 1030	04/16/2015
008	SW1	Aqueous	04/15/2015 1045	04/16/2015
009	SW2	Aqueous	04/15/2015 1100	04/16/2015
010	TRIP BLANK	Aqueous	04/15/2015	04/16/2015

(10 samples)

Executive Summary
Enviro-Pro, P.C.
Lot Number: QD16052

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW21	Aqueous	Ethylbenzene	8260B	0.35	J	ug/L	8
001	MW21	Aqueous	Toluene	8260B	2.5		ug/L	9
001	MW21	Aqueous	Xylenes (total)	8260B	2.7		ug/L	9
001	MW21	Aqueous	Acetophenone	8270D	0.39	J	ug/L	10
001	MW21	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	2.1	J	ug/L	11
001	MW21	Aqueous	Naphthalene	8270D	0.21	J	ug/L	11
001	MW21	Aqueous	Antimony	6020A	0.42	J	ug/L	16
001	MW21	Aqueous	Arsenic	6020A	1.4	B	ug/L	16
001	MW21	Aqueous	Barium	6020A	50		ug/L	16
001	MW21	Aqueous	Cadmium	6020A	0.052	J	ug/L	16
001	MW21	Aqueous	Cobalt	6020A	1.1	J	ug/L	16
001	MW21	Aqueous	Copper	6020A	5.0		ug/L	16
001	MW21	Aqueous	Lead	6020A	0.24	J	ug/L	16
001	MW21	Aqueous	Nickel	6020A	2.8	J	ug/L	16
001	MW21	Aqueous	Selenium	6020A	1.3		ug/L	16
001	MW21	Aqueous	Vanadium	6020A	2.1	J	ug/L	16
001	MW21	Aqueous	Zinc	6020A	41		ug/L	16
002	MW55	Aqueous	Toluene	8260B	2.2		ug/L	20
002	MW55	Aqueous	Vinyl chloride	8260B	0.66	J	ug/L	20
002	MW55	Aqueous	Xylenes (total)	8260B	2.1		ug/L	20
002	MW55	Aqueous	Naphthalene	8270D	0.13	J	ug/L	22
002	MW55	Aqueous	Antimony	6020A	0.28	J	ug/L	27
002	MW55	Aqueous	Arsenic	6020A	0.97	BJ	ug/L	27
002	MW55	Aqueous	Barium	6020A	170		ug/L	27
002	MW55	Aqueous	Cadmium	6020A	0.054	J	ug/L	27
002	MW55	Aqueous	Chromium	6020A	0.99	J	ug/L	27
002	MW55	Aqueous	Cobalt	6020A	6.1		ug/L	27
002	MW55	Aqueous	Copper	6020A	17		ug/L	27
002	MW55	Aqueous	Lead	6020A	0.18	J	ug/L	27
002	MW55	Aqueous	Nickel	6020A	22		ug/L	27
002	MW55	Aqueous	Selenium	6020A	1.8		ug/L	27
002	MW55	Aqueous	Vanadium	6020A	7.5		ug/L	27
002	MW55	Aqueous	Zinc	6020A	38		ug/L	27
003	MW56	Aqueous	Benzene	8260B	0.48	J	ug/L	30
003	MW56	Aqueous	1,1-Dichloroethane	8260B	0.29	J	ug/L	30
003	MW56	Aqueous	1,1-Dichloroethene	8260B	0.31	J	ug/L	30
003	MW56	Aqueous	cis-1,2-Dichloroethene	8260B	4.9		ug/L	30
003	MW56	Aqueous	Methylene chloride	8260B	0.94	J	ug/L	31
003	MW56	Aqueous	Tetrachloroethene	8260B	0.43	J	ug/L	31
003	MW56	Aqueous	Toluene	8260B	1.4		ug/L	31
003	MW56	Aqueous	Trichloroethene	8260B	0.46	J	ug/L	31
003	MW56	Aqueous	Vinyl chloride	8260B	8.2		ug/L	31
003	MW56	Aqueous	Xylenes (total)	8260B	1.7		ug/L	31
003	MW56	Aqueous	bis(2-Ethylhexyl)phthalate	8270D	10		ug/L	33
003	MW56	Aqueous	Naphthalene	8270D	0.15	J	ug/L	33

Executive Summary (Continued)

Lot Number: QD16052

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
003	MW56	Aqueous	Arsenic	6020A	0.74	BJ	ug/L	38
003	MW56	Aqueous	Barium	6020A	98		ug/L	38
003	MW56	Aqueous	Cobalt	6020A	35		ug/L	38
003	MW56	Aqueous	Copper	6020A	1.1		ug/L	38
003	MW56	Aqueous	Nickel	6020A	9.8		ug/L	38
003	MW56	Aqueous	Selenium	6020A	1.7		ug/L	38
003	MW56	Aqueous	Zinc	6020A	31		ug/L	38
004	MW56A	Aqueous	Toluene	8260B	1.2		ug/L	42
004	MW56A	Aqueous	Xylenes (total)	8260B	1.5		ug/L	42
004	MW56A	Aqueous	Naphthalene	8270D	0.12	J	ug/L	44
004	MW56A	Aqueous	Arsenic	6020A	0.70	BJ	ug/L	49
004	MW56A	Aqueous	Barium	6020A	48		ug/L	49
004	MW56A	Aqueous	Copper	6020A	0.54	J	ug/L	49
004	MW56A	Aqueous	Nickel	6020A	1.6	J	ug/L	49
004	MW56A	Aqueous	Selenium	6020A	1.9		ug/L	49
004	MW56A	Aqueous	Zinc	6020A	9.6	J	ug/L	49
005	MW56D	Aqueous	Tetrahydrofuran	8260B	2.2	J	ug/L	53
005	MW56D	Aqueous	Toluene	8260B	1.7		ug/L	53
005	MW56D	Aqueous	Xylenes (total)	8260B	1.6		ug/L	53
005	MW56D	Aqueous	Naphthalene	8270D	0.12	J	ug/L	55
005	MW56D	Aqueous	Arsenic	6020A	0.89	BJ	ug/L	60
005	MW56D	Aqueous	Barium	6020A	30		ug/L	60
005	MW56D	Aqueous	Copper	6020A	1.4		ug/L	60
005	MW56D	Aqueous	Nickel	6020A	3.1	J	ug/L	60
005	MW56D	Aqueous	Zinc	6020A	8.3	J	ug/L	60
006	MW57	Aqueous	Benzene	8260B	0.89	J	ug/L	63
006	MW57	Aqueous	cis-1,2-Dichloroethene	8260B	0.61	J	ug/L	63
006	MW57	Aqueous	Methylene chloride	8260B	0.71	J	ug/L	64
006	MW57	Aqueous	Vinyl chloride	8260B	3.9		ug/L	64
006	MW57	Aqueous	alpha-BHC	8081B	0.015	J	ug/L	70
006	MW57	Aqueous	Endosulfan II	8081B	0.011	JP	ug/L	70
006	MW57	Aqueous	Heptachlor epoxide	8081B	0.018	J	ug/L	70
006	MW57	Aqueous	Barium	6020A	310		ug/L	71
006	MW57	Aqueous	Cobalt	6020A	11		ug/L	71
006	MW57	Aqueous	Copper	6020A	8.3	J	ug/L	71
006	MW57	Aqueous	Nickel	6020A	20		ug/L	71
006	MW57	Aqueous	Zinc	6020A	46		ug/L	71
007	MW57D	Aqueous	Benzene	8260B	0.16	J	ug/L	74
007	MW57D	Aqueous	Tetrahydrofuran	8260B	2.2	J	ug/L	75
007	MW57D	Aqueous	Toluene	8260B	1.5		ug/L	75
007	MW57D	Aqueous	Vinyl chloride	8260B	1.1		ug/L	75
007	MW57D	Aqueous	Xylenes (total)	8260B	1.9		ug/L	75
007	MW57D	Aqueous	Naphthalene	8270D	0.15	J	ug/L	77
007	MW57D	Aqueous	beta-BHC	8081B	0.071		ug/L	81
007	MW57D	Aqueous	Endosulfan I	8081B	0.036	J	ug/L	81
007	MW57D	Aqueous	Endrin	8081B	0.020	JP	ug/L	81
007	MW57D	Aqueous	Methoxychlor	8081B	0.027	JP	ug/L	81
007	MW57D	Aqueous	Arsenic	6020A	1.5	B	ug/L	82

Executive Summary (Continued)

Lot Number: QD16052

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
007	MW57D	Aqueous	Barium	6020A	100		ug/L	82
007	MW57D	Aqueous	Cadmium	6020A	0.052	J	ug/L	82
007	MW57D	Aqueous	Cobalt	6020A	0.33	J	ug/L	82
007	MW57D	Aqueous	Copper	6020A	6.3		ug/L	82
007	MW57D	Aqueous	Nickel	6020A	83		ug/L	82
007	MW57D	Aqueous	Selenium	6020A	5.2		ug/L	82
007	MW57D	Aqueous	Vanadium	6020A	12		ug/L	82
007	MW57D	Aqueous	Zinc	6020A	15		ug/L	82
008	SW1	Aqueous	Barium	6010C	0.046		mg/L	86
008	SW1	Aqueous	Copper	6010C	0.0032	BJ	mg/L	86
008	SW1	Aqueous	Zinc	6010C	0.0025	J	mg/L	86
009	SW2	Aqueous	Barium	6010C	0.049		mg/L	90
009	SW2	Aqueous	Copper	6010C	0.0039	BJ	mg/L	90

(106 detections)

Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **QD16052-001**
Description: **MW21**
Matrix: **Aqueous**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/24/2015 1316	MJI	04/23/2015 1140	73209
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2015 0000	AMM1		73087

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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

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P = The RPD between two GC columns exceeds 40%
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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: MW21
Date Sampled: 04/15/2015 0730
Date Received: 04/16/2015

Laboratory ID: QD16052-001
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/22/2015 2323	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	5.1	ug/L	1
Acrolein	107-02-8	8260B	ND		20	13	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.15	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.088	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.12	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.13	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.85	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.16	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**0.35**	**J**	**1.0**	**0.33**	**ug/L**	**1**
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	4.5	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	1.2	ug/L	1

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Shealy Environmental Services, Inc.
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW21**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/22/2015 2323	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.25	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	2.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	2.0	ug/L	1
Toluene	**108-88-3**	**8260B**	**2.5**		**1.0**	**0.33**	**ug/L**	**1**
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**2.7**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		101	70-130

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW21**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1702	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1425	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	**98-86-2**	**8270D**	**0.39**	**J**	**1.0**	**0.32**	**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	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.27	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	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	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	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	0.13	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	0.11	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.14	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.14	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	0.15	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.23	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	1.7	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	1.7	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	0.31	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **QD16052-001**
Description: **MW21**
Matrix: **Aqueous**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1702	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1425	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	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	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	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**	**2.1**	**J**	**5.0**	**1.7**	**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	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	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	0.23	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	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	2
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	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	**91-20-3**	**8270D**	**0.21**	**J**	**1.0**	**0.070**	**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	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	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	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW21**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1702	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1425	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.10	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	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	0.54	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	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	0.050	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	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	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		83	41-144		76	41-144
2-Fluorobiphenyl		82	37-129		74	37-129
2-Fluorophenol		76	24-127		70	24-127
Nitrobenzene-d5		92	38-127		87	38-127
Phenol-d5		86	28-128		81	28-128
Terphenyl-d14		98	10-148		92	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: **MW21**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/22/2015 1017	PMS	04/21/2015 1257	72993

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.10	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.40	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.44	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.10	ug/L	1

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

PQL = Practical quantitation limit
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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: **MW21**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/22/2015 2034	MEM	04/20/2015 1644	72953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.14	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	0.10	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.10	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		33	10-133
Tetrachloro-m-xylene		94	31-122

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Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW21**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/22/2015 1148	PMS	04/20/2015 1644	72952

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.0090	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	0.013	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.031	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.012	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.13	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.0090	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.0090	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	0.010	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.011	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.0090	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.014	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.012	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.012	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.012	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.011	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.017	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.29	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		54	10-122
Tetrachloro-m-xylene		83	46-119

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ICP-MS

Client: Enviro-Pro, P.C.
Description: MW21
Date Sampled: 04/15/2015 0730
Date Received: 04/16/2015

Laboratory ID: QD16052-001
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/17/2015 2312	CDF	04/17/2015 0908	72730
2	3005A	6020A	1	04/21/2015 0047	CDF	04/17/2015 0908	72730

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6020A**	**0.42**	**J**	**1.0**	**0.17**	**ug/L**	**1**
Arsenic	**7440-38-2**	**6020A**	**1.4**	**B**	**1.0**	**0.26**	**ug/L**	**2**
Barium	**7440-39-3**	**6020A**	**50**		**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**	**0.052**	**J**	**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**1.1**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**5.0**		**1.0**	**0.15**	**ug/L**	**2**
Lead	**7439-92-1**	**6020A**	**0.24**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Nickel	**7440-02-0**	**6020A**	**2.8**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**1.3**		**1.0**	**0.95**	**ug/L**	**2**
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**	**2.1**	**J**	**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**41**		**10**	**1.6**	**ug/L**	**1**

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

Client: **Enviro-Pro, P.C.**
Description: **MW21**
Date Sampled: **04/15/2015 0730**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1536	COH	04/20/2015 1139	72884

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

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Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/24/2015 1318	MJI	04/23/2015 1140	73209
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2015 0000	AMM1		73087

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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

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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: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/22/2015 2347	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	5.1	ug/L	1
Acrolein	107-02-8	8260B	ND		20	13	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.15	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.088	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.12	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.13	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.85	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.16	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	4.5	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	1.2	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/22/2015 2347	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.25	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	2.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	2.0	ug/L	1
Toluene	**108-88-3**	**8260B**	**2.2**		**1.0**	**0.33**	**ug/L**	**1**
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**0.66**	**J**	**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**2.1**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		103	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit
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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1812	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1448	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	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	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.27	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	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	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	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	0.13	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	0.11	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.14	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.14	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	0.15	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.23	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	1.7	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	1.7	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	0.31	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: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1812	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1448	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	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	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	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	1.7	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	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	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	0.23	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	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	2
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	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	**91-20-3**	**8270D**	**0.13**	**J**	**1.0**	**0.070**	**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	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	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	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1

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

Client: **Enviro-Pro, P.C.**
Description: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1812	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1448	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.10	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	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	0.54	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	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	0.050	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	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	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		74	41-144		64	41-144
2-Fluorobiphenyl		65	37-129		58	37-129
2-Fluorophenol		53	24-127		47	24-127
Nitrobenzene-d5		72	38-127		64	38-127
Phenol-d5		64	28-128		58	28-128
Terphenyl-d14		92	10-148		83	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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N = Recovery is out of criteria
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Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/22/2015 1345	PMS	04/21/2015 1257	72993

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.10	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.40	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.44	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.10	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		64	62-117

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

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PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/22/2015 2047	MEM	04/20/2015 1644	72953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.14	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	0.10	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.10	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		27	10-133
Tetrachloro-m-xylene		81	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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E = Quantitation of compound exceeded the calibration range
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H = Out of holding time
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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: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/22/2015 1232	PMS	04/20/2015 1644	72952

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.0090	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	0.013	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.031	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.012	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.13	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.0090	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.0090	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	0.010	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.011	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.0090	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.014	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.012	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.012	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.012	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.011	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.017	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.29	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		39	10-122
Tetrachloro-m-xylene		73	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"

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/17/2015 2317	CDF	04/17/2015 0908	72730
2	3005A	6020A	1	04/21/2015 0052	CDF	04/17/2015 0908	72730

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6020A	0.28	J	1.0	0.17	ug/L	1
Arsenic	7440-38-2	6020A	0.97	BJ	1.0	0.26	ug/L	2
Barium	7440-39-3	6020A	170		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	0.054	J	0.10	0.044	ug/L	1
Chromium	7440-47-3	6020A	0.99	J	5.0	0.63	ug/L	1
Cobalt	7440-48-4	6020A	6.1		5.0	0.26	ug/L	1
Copper	7440-50-8	6020A	17		1.0	0.15	ug/L	2
Lead	7439-92-1	6020A	0.18	J	1.0	0.15	ug/L	1
Nickel	7440-02-0	6020A	22		5.0	0.63	ug/L	1
Selenium	7782-49-2	6020A	1.8		1.0	0.95	ug/L	2
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	7.5		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	38		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"

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CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW55**
Date Sampled: **04/15/2015 0800**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1538	COH	04/20/2015 1139	72884

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"

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Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/24/2015 1301	MJI	04/23/2015 1140	73209
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2015 0000	AMM1		73087

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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

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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0011	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	5.1	ug/L	1
Acrolein	107-02-8	8260B	ND		20	13	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.48**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.15	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.088	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,1-Dichloroethane	**75-34-3**	**8260B**	**0.29**	**J**	**1.0**	**0.13**	**ug/L**	**1**
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	**75-35-4**	**8260B**	**0.31**	**J**	**1.0**	**0.16**	**ug/L**	**1**
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**4.9**		**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.12	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.13	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.85	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.16	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	4.5	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	1.2	ug/L	1

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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0011	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.25	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	**75-09-2**	**8260B**	**0.94**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	2.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	**127-18-4**	**8260B**	**0.43**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Tetrahydrofuran	109-99-9	8260B	ND		5.0	2.0	ug/L	1
Toluene	**108-88-3**	**8260B**	**1.4**		**1.0**	**0.33**	**ug/L**	**1**
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	**79-01-6**	**8260B**	**0.46**	**J**	**1.0**	**0.18**	**ug/L**	**1**
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**8.2**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**1.7**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		83	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		98	70-130

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Semivolatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: MW56
Date Sampled: 04/15/2015 0830
Date Received: 04/16/2015

Laboratory ID: QD16052-003
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1835	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1511	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	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	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.27	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	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	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	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	0.13	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	0.11	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.14	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.14	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	0.15	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.23	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	1.7	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	1.7	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	0.31	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1835	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1511	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	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	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	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**	**10**		**5.0**	**1.7**	**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	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	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	0.23	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	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	2
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	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	**91-20-3**	**8270D**	**0.15**	**J**	**1.0**	**0.070**	**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	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	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	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1835	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1511	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.10	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	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	0.54	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	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	0.050	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	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	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		81	41-144		85	41-144
2-Fluorobiphenyl		77	37-129		80	37-129
2-Fluorophenol		70	24-127		72	24-127
Nitrobenzene-d5		84	38-127		79	38-127
Phenol-d5		78	28-128		79	28-128
Terphenyl-d14		79	10-148		76	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
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H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

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Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/22/2015 1149	PMS	04/21/2015 1257	72993

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.10	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.40	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.44	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.10	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		69	62-117

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PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/22/2015 2127	MEM	04/20/2015 1644	72953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.14	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	0.10	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.10	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		39	10-133
Tetrachloro-m-xylene		93	31-122

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Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/22/2015 1247	PMS	04/20/2015 1644	72952

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.0090	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	0.013	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.031	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.012	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.13	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.0090	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.0090	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	0.010	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.011	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.0090	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.014	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.012	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.012	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.012	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.011	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.017	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.29	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		49	10-122
Tetrachloro-m-xylene		83	46-119

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ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/17/2015 2322	CDF	04/17/2015 0908	72730
2	3005A	6020A	1	04/21/2015 0056	CDF	04/17/2015 0908	72730

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**	**0.74**	**BJ**	**1.0**	**0.26**	**ug/L**	**2**
Barium	**7440-39-3**	**6020A**	**98**		**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
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**35**		**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**1.1**		**1.0**	**0.15**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Nickel	**7440-02-0**	**6020A**	**9.8**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**1.7**		**1.0**	**0.95**	**ug/L**	**2**
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	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**31**		**10**	**1.6**	**ug/L**	**1**

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CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW56**
Date Sampled: **04/15/2015 0830**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1540	COH	04/20/2015 1139	72884

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

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Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/24/2015 1319	MJI	04/23/2015 1140	73209
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2015 0000	AMM1		73087

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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

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P = The RPD between two GC columns exceeds 40%
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0035	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	5.1	ug/L	1
Acrolein	107-02-8	8260B	ND		20	13	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.15	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.088	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.12	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.13	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.85	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.16	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	4.5	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	1.2	ug/L	1

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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0035	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.25	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	2.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	2.0	ug/L	1
Toluene	**108-88-3**	**8260B**	**1.2**		**1.0**	**0.33**	**ug/L**	**1**
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**1.5**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		105	70-130

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1858	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1534	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	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	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.27	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	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	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	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	0.13	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	0.11	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.14	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.14	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	0.15	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.23	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	1.7	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	1.7	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	0.31	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: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1858	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1534	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	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	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	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	1.7	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	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	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	0.23	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	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	2
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	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	**91-20-3**	**8270D**	**0.12**	**J**	**1.0**	**0.070**	**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	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	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	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1858	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1534	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.10	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	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	0.54	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	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	0.050	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	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	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		68	41-144		68	41-144
2-Fluorobiphenyl		72	37-129		75	37-129
2-Fluorophenol		67	24-127		76	24-127
Nitrobenzene-d5		83	38-127		82	38-127
Phenol-d5		75	28-128		80	28-128
Terphenyl-d14		88	10-148		93	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: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/22/2015 1212	PMS	04/21/2015 1257	72993

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.10	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.40	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.44	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.10	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		69	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"

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/22/2015 2140	MEM	04/20/2015 1644	72953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.14	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	0.10	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.10	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		31	10-133
Tetrachloro-m-xylene		95	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"

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Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/22/2015 1302	PMS	04/20/2015 1644	72952

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.0090	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	0.013	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.031	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.012	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.13	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.0090	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.0090	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	0.010	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.011	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.0090	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.014	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.012	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.012	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.012	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.011	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.017	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.29	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		39	10-122
Tetrachloro-m-xylene		85	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"

ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/17/2015 2326	CDF	04/17/2015 0908	72730
2	3005A	6020A	1	04/21/2015 0101	CDF	04/17/2015 0908	72730

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**	**0.70**	**BJ**	**1.0**	**0.26**	**ug/L**	**2**
Barium	**7440-39-3**	**6020A**	**48**		**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
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	7440-48-4	6020A	ND		5.0	0.26	ug/L	1
Copper	**7440-50-8**	**6020A**	**0.54**	**J**	**1.0**	**0.15**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Nickel	**7440-02-0**	**6020A**	**1.6**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**1.9**		**1.0**	**0.95**	**ug/L**	**2**
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	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**9.6**	**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: **MW56A**
Date Sampled: **04/15/2015 0900**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1542	COH	04/20/2015 1139	72884

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"

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Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW56D**
Date Sampled: **04/15/2015 0930**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/24/2015 1325	MJI	04/23/2015 1140	73209
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2015 0000	AMM1		73087

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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

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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56D**
Date Sampled: **04/15/2015 0930**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0058	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	5.1	ug/L	1
Acrolein	107-02-8	8260B	ND		20	13	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.15	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.088	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.12	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.13	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.85	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.16	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	4.5	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	1.2	ug/L	1

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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: **MW56D**
Date Sampled: **04/15/2015 0930**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0058	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.25	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	2.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	**109-99-9**	**8260B**	**2.2**	**J**	**5.0**	**2.0**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**1.7**		**1.0**	**0.33**	**ug/L**	**1**
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**1.6**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		101	70-130

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Semivolatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: MW56D
Date Sampled: 04/15/2015 0930
Date Received: 04/16/2015

Laboratory ID: QD16052-005
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1921	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1558	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	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	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.27	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	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	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	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	0.13	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	0.11	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.14	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.14	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	0.15	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.23	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	1.7	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	1.7	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	0.31	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW56D**
Date Sampled: **04/15/2015 0930**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1921	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1558	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	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	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	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	1.7	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	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	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	0.23	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	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	2
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	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	**91-20-3**	**8270D**	**0.12**	**J**	**1.0**	**0.070**	**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	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	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	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: MW56D
Date Sampled: 04/15/2015 0930
Date Received: 04/16/2015

Laboratory ID: QD16052-005
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1921	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1558	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.10	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	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	0.54	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	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	0.050	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	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	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		74	41-144		74	41-144
2-Fluorobiphenyl		79	37-129		78	37-129
2-Fluorophenol		72	24-127		69	24-127
Nitrobenzene-d5		82	38-127		81	38-127
Phenol-d5		79	28-128		79	28-128
Terphenyl-d14		83	10-148		89	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"

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Herbicides by GC

Client: Enviro-Pro, P.C.
Description: MW56D
Date Sampled: 04/15/2015 0930
Date Received: 04/16/2015

Laboratory ID: QD16052-005
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/22/2015 1235	PMS	04/21/2015 1257	72993

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.10	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.40	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.44	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.10	ug/L	1

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

PQL = Practical quantitation limit
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PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW56D**
Date Sampled: **04/15/2015 0930**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/22/2015 2154	MEM	04/20/2015 1644	72953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.14	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	0.10	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.10	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		18	10-133
Tetrachloro-m-xylene		86	31-122

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Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW56D**
Date Sampled: **04/15/2015 0930**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/22/2015 1316	PMS	04/20/2015 1644	72952

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.0090	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	0.013	ug/L	1
beta-BHC	319-85-7	8081B	ND		0.040	0.031	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.012	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.13	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.0090	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.0090	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	0.010	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.011	ug/L	1
Endosulfan II	33213-65-9	8081B	ND		0.040	0.0090	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.014	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.012	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.012	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.012	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.011	ug/L	1
Methoxychlor	72-43-5	8081B	ND		0.16	0.017	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.29	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		23	10-122
Tetrachloro-m-xylene		76	46-119

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ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW56D**
Date Sampled: **04/15/2015 0930**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/17/2015 2331	CDF	04/17/2015 0908	72730
2	3005A	6020A	1	04/21/2015 0106	CDF	04/17/2015 0908	72730

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**	**0.89**	**BJ**	**1.0**	**0.26**	**ug/L**	**2**
Barium	**7440-39-3**	**6020A**	**30**		**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
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	7440-48-4	6020A	ND		5.0	0.26	ug/L	1
Copper	**7440-50-8**	**6020A**	**1.4**		**1.0**	**0.15**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Nickel	**7440-02-0**	**6020A**	**3.1**	**J**	**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		1.0	0.95	ug/L	2
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	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**8.3**	**J**	**10**	**1.6**	**ug/L**	**1**

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CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW56D**
Date Sampled: **04/15/2015 0930**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1544	COH	04/20/2015 1139	72884

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

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Inorganic non-metals

Client: **Enviro-Pro, P.C.**
Description: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/24/2015 1326	MJI	04/23/2015 1140	73209
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2015 0000	AMM1		73087

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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

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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0122	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	5.1	ug/L	1
Acrolein	107-02-8	8260B	ND		20	13	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.89**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.15	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.088	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	**156-59-2**	**8260B**	**0.61**	**J**	**1.0**	**0.12**	**ug/L**	**1**
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.12	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.13	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.85	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.16	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	4.5	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	1.2	ug/L	1

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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0122	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.25	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	**75-09-2**	**8260B**	**0.71**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	2.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	2.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**3.9**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		84	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		104	70-130

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1944	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1621	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	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	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.27	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	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	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	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	0.13	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	0.11	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.14	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.14	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	0.15	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.23	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	1.7	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	1.7	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	0.31	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: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1944	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1621	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	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	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	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	1.7	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	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	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	0.23	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	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	2
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	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	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	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	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	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
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E = Quantitation of compound exceeded the calibration range
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H = Out of holding time
N = Recovery is out of criteria
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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 1944	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1621	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.10	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	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	0.54	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	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	0.050	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	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	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		74	41-144		81	41-144
2-Fluorobiphenyl		69	37-129		75	37-129
2-Fluorophenol		59	24-127		69	24-127
Nitrobenzene-d5		78	38-127		77	38-127
Phenol-d5		69	28-128		76	28-128
Terphenyl-d14		68	10-148		74	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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H = Out of holding time
N = Recovery is out of criteria
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Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/22/2015 1259	PMS	04/21/2015 1257	72993

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.10	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.40	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.44	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.10	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		64	62-117

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

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PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/22/2015 2207	MEM	04/20/2015 1644	72953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.14	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	0.10	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.10	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		31	10-133
Tetrachloro-m-xylene		92	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
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E = Quantitation of compound exceeded the calibration range
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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: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/22/2015 1331	PMS	04/20/2015 1644	72952

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.0090	ug/L	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.040	0.017	ug/L	1
alpha-BHC	**319-84-6**	**8081B**	**0.015**	**J**	**0.040**	**0.013**	**ug/L**	**1**
beta-BHC	319-85-7	8081B	ND		0.040	0.031	ug/L	1
delta-BHC	319-86-8	8081B	ND		0.040	0.012	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.13	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.0090	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.0090	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	0.010	ug/L	1
Endosulfan I	959-98-8	8081B	ND		0.040	0.011	ug/L	1
Endosulfan II	**33213-65-9**	**8081B**	**0.011**	**JP**	**0.040**	**0.0090**	**ug/L**	**1**
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.014	ug/L	1
Endrin	72-20-8	8081B	ND		0.040	0.012	ug/L	1
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.012	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.012	ug/L	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**0.018**	**J**	**0.040**	**0.011**	**ug/L**	**1**
Methoxychlor	72-43-5	8081B	ND		0.16	0.017	ug/L	1
Toxaphene	8001-35-2	8081B	ND		0.40	0.29	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		38	10-122
Tetrachloro-m-xylene		83	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"

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ICP-MS

Client: Enviro-Pro, P.C.
Description: MW57
Date Sampled: 04/15/2015 1000
Date Received: 04/16/2015

Laboratory ID: QD16052-006
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/17/2015 2335	CDF	04/17/2015 0908	72730
2	3005A	6020A	10	04/21/2015 0115	CDF	04/17/2015 0908	72730

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		10	2.6	ug/L	2
Barium	**7440-39-3**	**6020A**	**310**		**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
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**11**		**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**8.3**	**J**	**10**	**1.5**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Nickel	**7440-02-0**	**6020A**	**20**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	7782-49-2	6020A	ND		10	9.5	ug/L	2
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	ND		5.0	1.5	ug/L	1
Zinc	**7440-66-6**	**6020A**	**46**		**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"

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CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW57**
Date Sampled: **04/15/2015 1000**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1549	COH	04/20/2015 1139	72884

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: **QD16052-007**
Description: **MW57D**
Matrix: **Aqueous**
Date Sampled: **04/15/2015 1030**
Date Received: **04/16/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Cyanide) SM 4500-CN E-2011	1	04/24/2015 1327	MJI	04/23/2015 1140	73209
1		(Sulfide) SM 4500-S2 F-2011	1	04/22/2015 0000	AMM1		73087

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
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

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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: MW57D
Date Sampled: 04/15/2015 1030
Date Received: 04/16/2015

Laboratory ID: QD16052-007
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0146	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	5.1	ug/L	1
Acrolein	107-02-8	8260B	ND		20	13	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.16**	**J**	**1.0**	**0.13**	**ug/L**	**1**
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.15	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.088	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.12	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.13	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.85	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.16	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	4.5	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	1.2	ug/L	1

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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: **MW57D**
Date Sampled: **04/15/2015 1030**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0146	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.25	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	2.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	**109-99-9**	**8260B**	**2.2**	**J**	**5.0**	**2.0**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**1.5**		**1.0**	**0.33**	**ug/L**	**1**
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	**75-01-4**	**8260B**	**1.1**		**1.0**	**0.054**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**1.9**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		82	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		104	70-130

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Semivolatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: MW57D
Date Sampled: 04/15/2015 1030
Date Received: 04/16/2015

Laboratory ID: QD16052-007
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 2007	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1644	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	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	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
Benzyl alcohol	100-51-6	8270D	ND		1.0	0.27	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	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	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	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	0.13	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	0.11	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		1.0	0.14	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		1.0	0.14	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	0.15	ug/L	1
2,6-Dichlorophenol	87-65-0	8270D	ND		1.0	0.23	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	1.7	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	1.7	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	0.31	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW57D**
Date Sampled: **04/15/2015 1030**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 2007	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1644	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	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	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	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	1.7	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	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	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	0.23	ug/L	1
Isodrin	465-73-6	8270D	ND		1.0	0.52	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	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	2
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	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	**91-20-3**	**8270D**	**0.15**	**J**	**1.0**	**0.070**	**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	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	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	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitroso-di-butylamine	924-16-3	8270D	ND		1.0	0.21	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
Description: MW57D
Date Sampled: 04/15/2015 1030
Date Received: 04/16/2015

Laboratory ID: QD16052-007
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/21/2015 2007	DRB1	04/17/2015 1804	72816
2	3520C	8270D	1	04/23/2015 1644	DRB1	04/17/2015 1804	72816

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
N-Nitrosodiethylamine	55-18-5	8270D	ND		1.0	0.53	ug/L	1
N-Nitrosodimethylamine	62-75-9	8270D	ND		1.0	0.10	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	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	0.54	ug/L	1
Phenacetin	62-44-2	8270D	ND		1.0	0.32	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	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	0.050	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	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	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		76	41-144		82	41-144
2-Fluorobiphenyl		71	37-129		78	37-129
2-Fluorophenol		64	24-127		65	24-127
Nitrobenzene-d5		80	38-127		81	38-127
Phenol-d5		73	28-128		76	28-128
Terphenyl-d14		78	10-148		79	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"

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Herbicides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW57D**
Date Sampled: **04/15/2015 1030**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8151A	8151A	1	04/22/2015 1322	PMS	04/21/2015 1257	72993

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4,5-T	93-76-5	8151A	ND		0.50	0.10	ug/L	1
2,4-D	94-75-7	8151A	ND		2.0	0.40	ug/L	1
Dinoseb	88-85-7	8151A	ND		1.0	0.44	ug/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.50	0.10	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		68	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"

PCBs by GC

Client: **Enviro-Pro, P.C.**
Description: **MW57D**
Date Sampled: **04/15/2015 1030**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8082A	1	04/22/2015 2220	MEM	04/20/2015 1644	72953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		0.40	0.14	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	0.10	ug/L	1
Aroclor 1254	11097-69-1	8082A	ND		0.40	0.10	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		95	31-122

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
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Organochlorine Pesticides by GC

Client: **Enviro-Pro, P.C.**
Description: **MW57D**
Date Sampled: **04/15/2015 1030**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8081B	1	04/22/2015 1346	PMS	04/20/2015 1644	72952

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aldrin	309-00-2	8081B	ND		0.040	0.0090	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	0.013	ug/L	1
beta-BHC	**319-85-7**	**8081B**	**0.071**		**0.040**	**0.031**	**ug/L**	**1**
delta-BHC	319-86-8	8081B	ND		0.040	0.012	ug/L	1
Chlordane	57-74-9	8081B	ND		0.40	0.13	ug/L	1
4,4'-DDD	72-54-8	8081B	ND		0.040	0.0090	ug/L	1
4,4'-DDE	72-55-9	8081B	ND		0.040	0.0090	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	0.010	ug/L	1
Endosulfan I	**959-98-8**	**8081B**	**0.036**	**J**	**0.040**	**0.011**	**ug/L**	**1**
Endosulfan II	33213-65-9	8081B	ND		0.040	0.0090	ug/L	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.040	0.014	ug/L	1
Endrin	**72-20-8**	**8081B**	**0.020**	**JP**	**0.040**	**0.012**	**ug/L**	**1**
Endrin aldehyde	7421-93-4	8081B	ND		0.040	0.012	ug/L	1
Heptachlor	76-44-8	8081B	ND		0.040	0.012	ug/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.040	0.011	ug/L	1
Methoxychlor	**72-43-5**	**8081B**	**0.027**	**JP**	**0.16**	**0.017**	**ug/L**	**1**
Toxaphene	8001-35-2	8081B	ND		0.40	0.29	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		27	10-122
Tetrachloro-m-xylene		83	46-119

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ICP-MS

Client: **Enviro-Pro, P.C.**
Description: **MW57D**
Date Sampled: **04/15/2015 1030**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	04/17/2015 2340	CDF	04/17/2015 0908	72730
2	3005A	6020A	1	04/21/2015 0119	CDF	04/17/2015 0908	72730

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**	**1.5**	**B**	**1.0**	**0.26**	**ug/L**	**2**
Barium	**7440-39-3**	**6020A**	**100**		**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**	**0.052**	**J**	**0.10**	**0.044**	**ug/L**	**1**
Chromium	7440-47-3	6020A	ND		5.0	0.63	ug/L	1
Cobalt	**7440-48-4**	**6020A**	**0.33**	**J**	**5.0**	**0.26**	**ug/L**	**1**
Copper	**7440-50-8**	**6020A**	**6.3**		**1.0**	**0.15**	**ug/L**	**2**
Lead	7439-92-1	6020A	ND		1.0	0.15	ug/L	1
Nickel	**7440-02-0**	**6020A**	**83**		**5.0**	**0.63**	**ug/L**	**1**
Selenium	**7782-49-2**	**6020A**	**5.2**		**1.0**	**0.95**	**ug/L**	**2**
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**	**12**		**5.0**	**1.5**	**ug/L**	**1**
Zinc	**7440-66-6**	**6020A**	**15**		**10**	**1.6**	**ug/L**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
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CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW57D**
Date Sampled: **04/15/2015 1030**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1551	COH	04/20/2015 1139	72884

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
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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: **SW1**
Date Sampled: **04/15/2015 1045**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0210	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	2.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **QD16052-008**
Description: **SW1**
Matrix: **Aqueous**
Date Sampled: **04/15/2015 1045**
Date Received: **04/16/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0210	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		79	70-130
Bromofluorobenzene		98	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
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **SW1**
Date Sampled: **04/15/2015 1045**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/18/2015 0233	BNW	04/16/2015 1624	72717

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	0.0066	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	0.0022	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.046**		**0.025**	**0.0019**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	0.00022	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00054	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.00072	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	0.0013	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.0032**	**BJ**	**0.0050**	**0.0018**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	0.0047	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	0.0028	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	0.0021	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	0.0026	mg/L	1
Zinc	**7440-66-6**	**6010C**	**0.0025**	**J**	**0.020**	**0.0022**	**mg/L**	**1**

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ND = Not detected at or above the MDL
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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: **SW1**
Date Sampled: **04/15/2015 1045**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1553	COH	04/20/2015 1139	72884

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
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **SW2**
Date Sampled: **04/15/2015 1100**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0233	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	2.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	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.**
Description: **SW2**
Date Sampled: **04/15/2015 1100**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2015 0233	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		109	70-130
Toluene-d8		109	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"

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **SW2**
Date Sampled: **04/15/2015 1100**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/18/2015 0237	BNW	04/16/2015 1624	72717

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6010C	ND		0.010	0.0066	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.010	0.0022	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.049**		**0.025**	**0.0019**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0040	0.00022	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0020	0.00054	mg/L	1
Chromium	7440-47-3	6010C	ND		0.0050	0.00072	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	0.0013	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.0039**	**BJ**	**0.0050**	**0.0018**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	0.0047	mg/L	1
Nickel	7440-02-0	6010C	ND		0.040	0.0028	mg/L	1
Selenium	7782-49-2	6010C	ND		0.010	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.0050	0.0021	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	0.0026	mg/L	1
Zinc	7440-66-6	6010C	ND		0.020	0.0022	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"

CVAA

Client: **Enviro-Pro, P.C.**
Description: **SW2**
Date Sampled: **04/15/2015 1100**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/20/2015 1555	COH	04/20/2015 1139	72884

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: **04/15/2015**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/22/2015 2259	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Acetonitrile	75-05-8	8260B	ND		20	5.1	ug/L	1
Acrolein	107-02-8	8260B	ND		20	13	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.80	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
2-Chloro-1,3-Butadiene (Chloroprene)	126-99-8	8260B	ND		5.0	0.15	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.070	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
3-Chloropropene (Allyl chloride)	107-05-1	8260B	ND		2.0	0.088	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		5.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	0.12	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	0.13	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	0.85	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
Ethyl methacrylate	97-63-2	8260B	ND		5.0	0.16	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isobutyl alcohol	78-83-1	8260B	ND		50	4.5	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	1.2	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **TRIP BLANK**
Date Sampled: **04/15/2015**
Date Received: **04/16/2015**

Laboratory ID: **QD16052-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/22/2015 2259	PMM2		73166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl methacrylate	80-62-6	8260B	ND		5.0	0.25	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Propionitrile (Ethyl cyanide)	107-12-0	8260B	ND		20	2.1	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	2.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		96	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"

QC Summary

Inorganic non-metals - MB

Sample ID: QQ73087-001
Batch: 73087
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	04/22/2015 0000

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: QQ73087-002 **Matrix:** Aqueous
Batch: 73087
Analytical Method: SM 4500-S2 F-2011

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Sulfide	10	10		1	100	80-120	04/22/2015 0000

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: QQ73087-003 **Matrix:** Aqueous
Batch: 73087
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	04/22/2015 0000

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: QQ73209-001
Batch: 73209
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/23/2015 1140

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Cyanide	ND		1	0.010	0.0060	mg/L	04/24/2015 1254

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: QQ73209-002
Batch: 73209
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/23/2015 1140

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide	0.10	0.10		1	100	90-110	04/24/2015 1255

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: QD16052-003MS
Batch: 73209
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/23/2015 1140

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide	ND	0.10	0.082	N	1	82	90-110	04/24/2015 1302

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: QD16052-003MD
Batch: 73209
Analytical Method: SM 4500-CN E-2011

Matrix: Aqueous
Prep Method: SM4500-CN C-2011
Prep Date: 04/23/2015 1140

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Cyanide	ND	0.10	0.043	N,+	1	43	63	90-110	20	04/24/2015 1303

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: QQ73166-001
Batch: 73166
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	04/22/2015 2220
Acetonitrile	ND		1	20	5.1	ug/L	04/22/2015 2220
Acrolein	ND		1	20	13	ug/L	04/22/2015 2220
Acrylonitrile	ND		1	20	1.2	ug/L	04/22/2015 2220
Benzene	ND		1	1.0	0.13	ug/L	04/22/2015 2220
Bromochloromethane	ND		1	1.0	0.16	ug/L	04/22/2015 2220
Bromodichloromethane	ND		1	1.0	0.33	ug/L	04/22/2015 2220
Bromoform	ND		1	1.0	0.66	ug/L	04/22/2015 2220
Bromomethane (Methyl bromide)	ND		1	2.0	0.80	ug/L	04/22/2015 2220
2-Butanone (MEK)	ND		1	10	2.0	ug/L	04/22/2015 2220
Carbon disulfide	ND		1	1.0	0.097	ug/L	04/22/2015 2220
Carbon tetrachloride	ND		1	1.0	0.14	ug/L	04/22/2015 2220
2-Chloro-1,3-Butadiene (Chloroprene)	ND		1	5.0	0.15	ug/L	04/22/2015 2220
Chlorobenzene	ND		1	1.0	0.33	ug/L	04/22/2015 2220
Chloroethane	ND		1	2.0	0.47	ug/L	04/22/2015 2220
Chloroform	ND		1	1.0	0.070	ug/L	04/22/2015 2220
Chloromethane (Methyl chloride)	ND		1	1.0	0.35	ug/L	04/22/2015 2220
3-Chloropropene (Allyl chloride)	ND		1	2.0	0.088	ug/L	04/22/2015 2220
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	0.60	ug/L	04/22/2015 2220
Dibromochloromethane	ND		1	1.0	0.33	ug/L	04/22/2015 2220
1,2-Dibromoethane (EDB)	ND		1	1.0	0.30	ug/L	04/22/2015 2220
Dibromomethane (Methylene bromide)	ND		1	1.0	0.35	ug/L	04/22/2015 2220
trans-1,4-Dichloro-2-butene	ND		1	5.0	0.83	ug/L	04/22/2015 2220
1,4-Dichlorobenzene	ND		1	1.0	0.33	ug/L	04/22/2015 2220
1,2-Dichlorobenzene	ND		1	1.0	0.33	ug/L	04/22/2015 2220
1,3-Dichlorobenzene	ND		1	1.0	0.33	ug/L	04/22/2015 2220
Dichlorodifluoromethane	ND		1	2.0	0.20	ug/L	04/22/2015 2220
1,2-Dichloroethane	ND		1	1.0	0.15	ug/L	04/22/2015 2220
1,1-Dichloroethane	ND		1	1.0	0.13	ug/L	04/22/2015 2220
trans-1,2-Dichloroethene	ND		1	1.0	0.21	ug/L	04/22/2015 2220
cis-1,2-Dichloroethene	ND		1	1.0	0.12	ug/L	04/22/2015 2220
1,1-Dichloroethene	ND		1	1.0	0.16	ug/L	04/22/2015 2220
2,2-Dichloropropane	ND		1	1.0	0.13	ug/L	04/22/2015 2220
1,3-Dichloropropane	ND		1	1.0	0.12	ug/L	04/22/2015 2220
1,2-Dichloropropane	ND		1	1.0	0.19	ug/L	04/22/2015 2220
trans-1,3-Dichloropropene	ND		1	1.0	0.11	ug/L	04/22/2015 2220
cis-1,3-Dichloropropene	ND		1	1.0	0.092	ug/L	04/22/2015 2220
1,1-Dichloropropene	ND		1	2.0	0.85	ug/L	04/22/2015 2220
Ethyl methacrylate	ND		1	5.0	0.16	ug/L	04/22/2015 2220
Ethylbenzene	ND		1	1.0	0.33	ug/L	04/22/2015 2220
2-Hexanone	ND		1	10	0.27	ug/L	04/22/2015 2220
Isobutyl alcohol	ND		1	50	4.5	ug/L	04/22/2015 2220
Methacrylonitrile	ND		1	5.0	0.31	ug/L	04/22/2015 2220
Methyl iodide (Iodomethane)	ND		1	5.0	1.2	ug/L	04/22/2015 2220

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: QQ73166-001
Batch: 73166
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Methyl methacrylate	ND		1	5.0	0.25	ug/L	04/22/2015 2220
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	04/22/2015 2220
Methylene chloride	ND		1	1.0	0.33	ug/L	04/22/2015 2220
Propionitrile (Ethyl cyanide)	ND		1	20	2.1	ug/L	04/22/2015 2220
Styrene	ND		1	1.0	0.12	ug/L	04/22/2015 2220
1,1,2,2-Tetrachloroethane	ND		1	1.0	0.16	ug/L	04/22/2015 2220
1,1,1,2-Tetrachloroethane	ND		1	1.0	0.20	ug/L	04/22/2015 2220
Tetrachloroethene	ND		1	1.0	0.13	ug/L	04/22/2015 2220
Tetrahydrofuran	ND		1	5.0	2.0	ug/L	04/22/2015 2220
Toluene	ND		1	1.0	0.33	ug/L	04/22/2015 2220
1,1,2-Trichloroethane	ND		1	1.0	0.21	ug/L	04/22/2015 2220
1,1,1-Trichloroethane	ND		1	1.0	0.074	ug/L	04/22/2015 2220
Trichloroethene	ND		1	1.0	0.18	ug/L	04/22/2015 2220
Trichlorofluoromethane	ND		1	1.0	0.30	ug/L	04/22/2015 2220
1,2,3-Trichloropropane	ND		1	1.0	0.33	ug/L	04/22/2015 2220
Vinyl acetate	ND		1	5.0	1.3	ug/L	04/22/2015 2220
Vinyl chloride	ND		1	1.0	0.054	ug/L	04/22/2015 2220
Xylenes (total)	ND		1	1.0	0.33	ug/L	04/22/2015 2220

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		106	70-130
1,2-Dichloroethane-d4		90	70-130
Toluene-d8		105	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: QQ73166-002
Batch: 73166
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	92		1	92	60-140	04/22/2015 2123
Acetonitrile	500	530		1	106	60-140	04/22/2015 2123
Acrolein	500	540		1	108	60-140	04/22/2015 2123
Acrylonitrile	100	99		1	99	70-130	04/22/2015 2123
Benzene	50	51		1	103	70-130	04/22/2015 2123
Bromochloromethane	50	52		1	104	70-130	04/22/2015 2123
Bromodichloromethane	50	51		1	102	70-130	04/22/2015 2123
Bromoform	50	53		1	107	70-130	04/22/2015 2123
Bromomethane (Methyl bromide)	50	46		1	92	60-140	04/22/2015 2123
2-Butanone (MEK)	100	100		1	103	60-140	04/22/2015 2123
Carbon disulfide	50	56		1	113	60-140	04/22/2015 2123
Carbon tetrachloride	50	54		1	107	70-130	04/22/2015 2123
2-Chloro-1,3-Butadiene (Chloroprene)	50	51		1	103	70-130	04/22/2015 2123
Chlorobenzene	50	50		1	100	70-130	04/22/2015 2123
Chloroethane	50	48		1	95	42-163	04/22/2015 2123
Chloroform	50	49		1	98	70-130	04/22/2015 2123
Chloromethane (Methyl chloride)	50	42		1	85	60-140	04/22/2015 2123
3-Chloropropene (Allyl chloride)	50	49		1	99	70-130	04/22/2015 2123
1,2-Dibromo-3-chloropropane (DBCP)	50	40		1	81	70-130	04/22/2015 2123
Dibromochloromethane	50	52		1	105	70-130	04/22/2015 2123
1,2-Dibromoethane (EDB)	50	51		1	102	70-130	04/22/2015 2123
Dibromomethane (Methylene bromide)	50	51		1	103	70-130	04/22/2015 2123
trans-1,4-Dichloro-2-butene	50	54		1	108	34-142	04/22/2015 2123
1,4-Dichlorobenzene	50	50		1	100	70-130	04/22/2015 2123
1,2-Dichlorobenzene	50	49		1	98	70-130	04/22/2015 2123
1,3-Dichlorobenzene	50	51		1	101	70-130	04/22/2015 2123
Dichlorodifluoromethane	50	49		1	98	60-140	04/22/2015 2123
1,2-Dichloroethane	50	50		1	99	70-130	04/22/2015 2123
1,1-Dichloroethane	50	50		1	100	70-130	04/22/2015 2123
trans-1,2-Dichloroethene	50	50		1	100	70-130	04/22/2015 2123
cis-1,2-Dichloroethene	50	50		1	100	70-130	04/22/2015 2123
1,1-Dichloroethene	50	53		1	105	70-130	04/22/2015 2123
2,2-Dichloropropane	50	57		1	114	70-130	04/22/2015 2123
1,3-Dichloropropane	50	50		1	101	70-130	04/22/2015 2123
1,2-Dichloropropane	50	50		1	99	70-130	04/22/2015 2123
trans-1,3-Dichloropropene	50	53		1	107	70-130	04/22/2015 2123
cis-1,3-Dichloropropene	50	53		1	106	70-130	04/22/2015 2123
1,1-Dichloropropene	50	52		1	104	70-130	04/22/2015 2123
Ethyl methacrylate	50	56		1	112	70-130	04/22/2015 2123
Ethylbenzene	50	51		1	103	70-130	04/22/2015 2123
2-Hexanone	100	110		1	112	60-140	04/22/2015 2123
Isobutyl alcohol	500	550		1	111	70-130	04/22/2015 2123
Methacrylonitrile	50	51		1	102	70-130	04/22/2015 2123
Methyl iodide (Iodomethane)	50	54		1	108	70-130	04/22/2015 2123

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: QQ73166-002
Batch: 73166
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	55		1	110	70-130	04/22/2015 2123
4-Methyl-2-pentanone	100	110		1	108	60-140	04/22/2015 2123
Methylene chloride	50	51		1	102	70-130	04/22/2015 2123
Propionitrile (Ethyl cyanide)	500	510		1	101	70-130	04/22/2015 2123
Styrene	50	53		1	107	70-130	04/22/2015 2123
1,1,2,2-Tetrachloroethane	50	50		1	100	60-140	04/22/2015 2123
1,1,1,2-Tetrachloroethane	50	51		1	101	70-130	04/22/2015 2123
Tetrachloroethene	50	52		1	105	70-130	04/22/2015 2123
Tetrahydrofuran	50	49		1	98	70-130	04/22/2015 2123
Toluene	50	52		1	104	70-130	04/22/2015 2123
1,1,2-Trichloroethane	50	53		1	105	70-130	04/22/2015 2123
1,1,1-Trichloroethane	50	53		1	106	70-130	04/22/2015 2123
Trichloroethene	50	53		1	107	70-130	04/22/2015 2123
Trichlorofluoromethane	50	50		1	101	70-130	04/22/2015 2123
1,2,3-Trichloropropane	50	51		1	102	70-130	04/22/2015 2123
Vinyl acetate	50	59		1	117	60-140	04/22/2015 2123
Vinyl chloride	50	45		1	91	70-130	04/22/2015 2123
Xylenes (total)	100	100		1	104	70-130	04/22/2015 2123

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	70-130
1,2-Dichloroethane-d4		88	70-130
Toluene-d8		101	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: QD16052-001DU
Batch: 73166
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	04/23/2015 0456
Acetonitrile	ND	ND		1	0.00	20	04/23/2015 0456
Acrolein	ND	ND		1	0.00	20	04/23/2015 0456
Acrylonitrile	ND	ND		1	0.00	20	04/23/2015 0456
Benzene	ND	ND		1	0.00	20	04/23/2015 0456
Bromochloromethane	ND	ND		1	0.00	20	04/23/2015 0456
Bromodichloromethane	ND	ND		1	0.00	20	04/23/2015 0456
Bromoform	ND	ND		1	0.00	20	04/23/2015 0456
Bromomethane (Methyl bromide)	ND	ND		1	0.00	20	04/23/2015 0456
2-Butanone (MEK)	ND	ND		1	0.00	20	04/23/2015 0456
Carbon disulfide	ND	ND		1	0.00	20	04/23/2015 0456
Carbon tetrachloride	ND	ND		1	0.00	20	04/23/2015 0456
2-Chloro-1,3-Butadiene (Chloroprene)	ND	ND		1	0.00	20	04/23/2015 0456
Chlorobenzene	ND	ND		1	0.00	20	04/23/2015 0456
Chloroethane	ND	ND		1	0.00	20	04/23/2015 0456
Chloroform	ND	ND		1	0.00	20	04/23/2015 0456
Chloromethane (Methyl chloride)	ND	ND		1	0.00	20	04/23/2015 0456
3-Chloropropene (Allyl chloride)	ND	ND		1	0.00	20	04/23/2015 0456
1,2-Dibromo-3-chloropropane (DBCP)	ND	ND		1	0.00	20	04/23/2015 0456
Dibromochloromethane	ND	ND		1	0.00	20	04/23/2015 0456
1,2-Dibromoethane (EDB)	ND	ND		1	0.00	20	04/23/2015 0456
Dibromomethane (Methylene bromide)	ND	ND		1	0.00	20	04/23/2015 0456
trans-1,4-Dichloro-2-butene	ND	ND		1	0.00	20	04/23/2015 0456
1,2-Dichlorobenzene	ND	ND		1	0.00	20	04/23/2015 0456
1,3-Dichlorobenzene	ND	ND		1	0.00	20	04/23/2015 0456
1,4-Dichlorobenzene	ND	ND		1	0.00	20	04/23/2015 0456
Dichlorodifluoromethane	ND	ND		1	0.00	20	04/23/2015 0456
1,1-Dichloroethane	ND	ND		1	0.00	20	04/23/2015 0456
1,2-Dichloroethane	ND	ND		1	0.00	20	04/23/2015 0456
1,1-Dichloroethene	ND	ND		1	0.00	20	04/23/2015 0456
cis-1,2-Dichloroethene	ND	ND		1	0.00	20	04/23/2015 0456
trans-1,2-Dichloroethene	ND	ND		1	0.00	20	04/23/2015 0456
1,2-Dichloropropane	ND	ND		1	0.00	20	04/23/2015 0456
1,3-Dichloropropane	ND	ND		1	0.00	20	04/23/2015 0456
2,2-Dichloropropane	ND	ND		1	0.00	20	04/23/2015 0456
1,1-Dichloropropene	ND	ND		1	0.00	20	04/23/2015 0456
cis-1,3-Dichloropropene	ND	ND		1	0.00	20	04/23/2015 0456
trans-1,3-Dichloropropene	ND	ND		1	0.00	20	04/23/2015 0456
Ethyl methacrylate	ND	ND		1	0.00	20	04/23/2015 0456
Ethylbenzene	0.35	0.37	J	1	3.6	20	04/23/2015 0456
2-Hexanone	ND	ND		1	0.00	20	04/23/2015 0456
Isobutyl alcohol	ND	ND		1	0.00	20	04/23/2015 0456
Methacrylonitrile	ND	ND		1	0.00	20	04/23/2015 0456
Methyl iodide (Iodomethane)	ND	ND		1	0.00	20	04/23/2015 0456

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: QD16052-001DU
Batch: 73166
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	04/23/2015 0456
4-Methyl-2-pentanone	ND	ND		1	0.00	20	04/23/2015 0456
Methylene chloride	ND	ND		1	0.00	20	04/23/2015 0456
Propionitrile (Ethyl cyanide)	ND	ND		1	0.00	20	04/23/2015 0456
Styrene	ND	ND		1	0.00	20	04/23/2015 0456
1,1,1,2-Tetrachloroethane	ND	ND		1	0.00	20	04/23/2015 0456
1,1,2,2-Tetrachloroethane	ND	ND		1	0.00	20	04/23/2015 0456
Tetrachloroethene	ND	ND		1	0.00	20	04/23/2015 0456
Tetrahydrofuran	ND	ND		1	0.00	20	04/23/2015 0456
Toluene	2.5	2.5		1	1.9	20	04/23/2015 0456
1,1,1-Trichloroethane	ND	ND		1	0.00	20	04/23/2015 0456
1,1,2-Trichloroethane	ND	ND		1	0.00	20	04/23/2015 0456
Trichloroethene	ND	ND		1	0.00	20	04/23/2015 0456
Trichlorofluoromethane	ND	ND		1	0.00	20	04/23/2015 0456
1,2,3-Trichloropropane	ND	ND		1	0.00	20	04/23/2015 0456
Vinyl acetate	ND	ND		1	0.00	20	04/23/2015 0456
Vinyl chloride	ND	ND		1	0.00	20	04/23/2015 0456
Xylenes (total)	2.7	2.7		1	0.71	20	04/23/2015 0456

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		75	70-130
Bromofluorobenzene		97	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 - MS

Sample ID: QD16052-002MS
Batch: 73166
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	47	N	1	47	60-140	04/23/2015 0519
Acetonitrile	ND	500	330		1	65	60-140	04/23/2015 0519
Acrolein	ND	500	270		1	54	26-134	04/23/2015 0519
Acrylonitrile	ND	100	56	N	1	56	70-122	04/23/2015 0519
Benzene	ND	50	57		1	115	72-127	04/23/2015 0519
Bromochloromethane	ND	50	58		1	116	70-130	04/23/2015 0519
Bromodichloromethane	ND	50	51		1	102	71-143	04/23/2015 0519
Bromoform	ND	50	31	N	1	62	65-131	04/23/2015 0519
Bromomethane (Methyl bromide)	ND	50	67		1	134	36-168	04/23/2015 0519
2-Butanone (MEK)	ND	100	47	N	1	47	60-140	04/23/2015 0519
Carbon disulfide	ND	50	78	N	1	156	60-140	04/23/2015 0519
Carbon tetrachloride	ND	50	74		1	147	37-166	04/23/2015 0519
2-Chloro-1,3-Butadiene (Chloroprene)	ND	50	55		1	110	70-130	04/23/2015 0519
Chlorobenzene	ND	50	50		1	101	78-129	04/23/2015 0519
Chloroethane	ND	50	69		1	139	60-140	04/23/2015 0519
Chloroform	ND	50	62		1	123	63-123	04/23/2015 0519
Chloromethane (Methyl chloride)	ND	50	60		1	120	20-158	04/23/2015 0519
3-Chloropropene (Allyl chloride)	ND	50	59		1	118	70-130	04/23/2015 0519
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	15	N	1	30	70-130	04/23/2015 0519
Dibromochloromethane	ND	50	40		1	80	74-134	04/23/2015 0519
1,2-Dibromoethane (EDB)	ND	50	33	N	1	67	70-130	04/23/2015 0519
Dibromomethane (Methylene bromide)	ND	50	44		1	87	70-130	04/23/2015 0519
trans-1,4-Dichloro-2-butene	ND	50	14	N	1	28	34-142	04/23/2015 0519
1,2-Dichlorobenzene	ND	50	46		1	93	70-130	04/23/2015 0519
1,3-Dichlorobenzene	ND	50	50		1	101	70-130	04/23/2015 0519
1,4-Dichlorobenzene	ND	50	49		1	97	70-130	04/23/2015 0519
Dichlorodifluoromethane	ND	50	68		1	136	10-158	04/23/2015 0519
1,1-Dichloroethane	ND	50	66		1	132	69-132	04/23/2015 0519
1,2-Dichloroethane	ND	50	45		1	91	59-143	04/23/2015 0519
1,1-Dichloroethene	ND	50	78	N	1	157	50-132	04/23/2015 0519
cis-1,2-Dichloroethene	ND	50	67	N	1	133	70-130	04/23/2015 0519
trans-1,2-Dichloroethene	ND	50	72	N	1	143	67-141	04/23/2015 0519
1,2-Dichloropropane	ND	50	51		1	103	71-126	04/23/2015 0519
1,3-Dichloropropane	ND	50	36		1	73	70-130	04/23/2015 0519
2,2-Dichloropropane	ND	50	98	N	1	197	70-130	04/23/2015 0519
1,1-Dichloropropene	ND	50	63		1	126	70-130	04/23/2015 0519
cis-1,3-Dichloropropene	ND	50	45		1	89	69-130	04/23/2015 0519
trans-1,3-Dichloropropene	ND	50	36	N	1	72	73-131	04/23/2015 0519
Ethyl methacrylate	ND	50	32	N	1	63	70-130	04/23/2015 0519
Ethylbenzene	ND	50	51		1	103	79-132	04/23/2015 0519
2-Hexanone	ND	100	48	N	1	48	60-140	04/23/2015 0519
Isobutyl alcohol	ND	500	210	N	1	41	70-130	04/23/2015 0519
Methacrylonitrile	ND	50	25	N	1	51	70-130	04/23/2015 0519
Methyl iodide (Iodomethane)	ND	50	82	N	1	165	70-130	04/23/2015 0519

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: QD16052-002MS
Batch: 73166
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	27	N	1	53	70-130	04/23/2015 0519
4-Methyl-2-pentanone	ND	100	56	N	1	56	60-140	04/23/2015 0519
Methylene chloride	ND	50	70	N	1	139	69-129	04/23/2015 0519
Propionitrile (Ethyl cyanide)	ND	500	220	N	1	44	70-130	04/23/2015 0519
Styrene	ND	50	32	N	1	64	70-130	04/23/2015 0519
1,1,1,2-Tetrachloroethane	ND	50	54		1	109	70-130	04/23/2015 0519
1,1,2,2-Tetrachloroethane	ND	50	29	N	1	57	60-155	04/23/2015 0519
Tetrachloroethene	ND	50	53		1	107	70-130	04/23/2015 0519
Tetrahydrofuran	ND	50	24	N	1	48	70-130	04/23/2015 0519
Toluene	2.2	50	56		1	107	75-125	04/23/2015 0519
1,1,1-Trichloroethane	ND	50	74	N	1	147	77-132	04/23/2015 0519
1,1,2-Trichloroethane	ND	50	36	N	1	72	77-132	04/23/2015 0519
Trichloroethene	ND	50	58		1	115	73-124	04/23/2015 0519
Trichlorofluoromethane	ND	50	74		1	148	41-173	04/23/2015 0519
1,2,3-Trichloropropane	ND	50	27	N	1	54	70-130	04/23/2015 0519
Vinyl acetate	ND	50	31		1	63	60-140	04/23/2015 0519
Vinyl chloride	0.66	50	64		1	126	29-159	04/23/2015 0519
Xylenes (total)	2.1	100	100		1	101	70-130	04/23/2015 0519

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		74	70-130
Bromofluorobenzene		95	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

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: QQ72816-001 **Matrix:** Aqueous
Batch: 72816 **Prep Method:** 3520C
Analytical Method: 8270D **Prep Date:** 04/17/2015 1804

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
0,0,0-Triethylphosphorothioate	ND		1	1.0	0.36	ug/L	04/21/2015 1616
0,0-Diethyl-0-2-pyrazinyl (Thionazin)	ND		1	1.0	0.35	ug/L	04/21/2015 1616
1,2,4,5-Tetrachlorobenzene	ND		1	1.0	0.25	ug/L	04/21/2015 1616
1,2,4-Trichlorobenzene	ND		1	1.0	0.050	ug/L	04/21/2015 1616
1,2-Dichlorobenzene	ND		1	1.0	0.11	ug/L	04/21/2015 1616
1,3,5-Trinitrobenzene	ND		1	5.0	0.75	ug/L	04/21/2015 1616
1,3-Dichlorobenzene	ND		1	1.0	0.14	ug/L	04/21/2015 1616
1,3-Dinitrobenzene	ND		1	5.0	0.77	ug/L	04/21/2015 1616
1,4-Dichlorobenzene	ND		1	1.0	0.14	ug/L	04/21/2015 1616
1,4-Naphthoquinone	ND		1	2.0	0.040	ug/L	04/21/2015 1616
1-Naphthylamine	ND		1	1.0	0.030	ug/L	04/21/2015 1616
2,3,4,6-Tetrachlorophenol	ND		1	2.0	1.7	ug/L	04/21/2015 1616
2,4,5-Trichlorophenol	ND		1	1.0	0.18	ug/L	04/21/2015 1616
2,4,6-Trichlorophenol	ND		1	1.0	0.22	ug/L	04/21/2015 1616
2,4-Dichlorophenol	ND		1	1.0	0.15	ug/L	04/21/2015 1616
2,4-Dimethylphenol	ND		1	1.0	0.31	ug/L	04/21/2015 1616
2,4-Dinitrophenol	ND		1	5.0	0.25	ug/L	04/21/2015 1616
2,4-Dinitrotoluene	ND		1	2.0	0.45	ug/L	04/21/2015 1616
2,6-Dichlorophenol	ND		1	1.0	0.23	ug/L	04/21/2015 1616
2,6-Dinitrotoluene	ND		1	2.0	0.40	ug/L	04/21/2015 1616
2-Acetylaminofluorene	ND		1	5.0	1.7	ug/L	04/21/2015 1616
2-Chloronaphthalene	ND		1	1.0	0.12	ug/L	04/21/2015 1616
2-Chlorophenol	ND		1	1.0	0.13	ug/L	04/21/2015 1616
2-Methylnaphthalene	ND		1	1.0	0.080	ug/L	04/21/2015 1616
2-Methylphenol	ND		1	1.0	0.17	ug/L	04/21/2015 1616
2-Naphthylamine	ND		1	1.0	0.14	ug/L	04/21/2015 1616
2-Nitroaniline	ND		1	2.0	0.55	ug/L	04/21/2015 1616
2-Nitrophenol	ND		1	2.0	0.27	ug/L	04/21/2015 1616
3 & 4-Methylphenol	ND		1	2.0	0.57	ug/L	04/21/2015 1616
3,3'-Dichlorobenzidine	ND		1	5.0	0.81	ug/L	04/21/2015 1616
3,3'-Dimethylbenzidine	ND		1	5.0	0.30	ug/L	04/21/2015 1616
3-Methylcholanthrene	ND		1	2.0	0.98	ug/L	04/21/2015 1616
3-Nitroaniline	ND		1	2.0	0.77	ug/L	04/21/2015 1616
4,6-Dinitro-2-methylphenol	ND		1	5.0	1.5	ug/L	04/21/2015 1616
4-Aminobiphenyl	ND		1	2.0	1.1	ug/L	04/21/2015 1616
4-Bromophenyl phenyl ether	ND		1	1.0	0.12	ug/L	04/21/2015 1616
4-Chloro-3-methyl phenol	ND		1	1.0	0.22	ug/L	04/21/2015 1616
4-Chloroaniline	ND		1	1.0	0.13	ug/L	04/21/2015 1616
4-Chlorophenyl phenyl ether	ND		1	1.0	0.11	ug/L	04/21/2015 1616
4-Nitroaniline	ND		1	2.0	0.39	ug/L	04/21/2015 1616
4-Nitrophenol	ND		1	5.0	0.64	ug/L	04/21/2015 1616
5-Nitro-o-toluidine	ND		1	5.0	2.0	ug/L	04/21/2015 1616
7,12-Dimethylbenzo(a)anthracene	ND		1	2.0	1.1	ug/L	04/21/2015 1616
a,a-Dimethylphenethylamine	ND		1	10	0.080	ug/L	04/21/2015 1616

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
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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: QQ72816-001
Batch: 72816
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/17/2015 1804

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acenaphthene	ND		1	1.0	0.090	ug/L	04/21/2015 1616
Acenaphthylene	ND		1	1.0	0.16	ug/L	04/21/2015 1616
Acetophenone	ND		1	1.0	0.32	ug/L	04/21/2015 1616
Anthracene	ND		1	1.0	0.13	ug/L	04/21/2015 1616
Benzo(a)anthracene	ND		1	1.0	0.15	ug/L	04/21/2015 1616
Benzo(a)pyrene	ND		1	1.0	0.16	ug/L	04/21/2015 1616
Benzo(b)fluoranthene	ND		1	1.0	0.20	ug/L	04/21/2015 1616
Benzo(g,h,i)perylene	ND		1	1.0	0.23	ug/L	04/21/2015 1616
Benzo(k)fluoranthene	ND		1	1.0	0.12	ug/L	04/21/2015 1616
Benzyl alcohol	ND		1	1.0	0.27	ug/L	04/21/2015 1616
bis(2-Chloroethoxy)methane	ND		1	1.0	0.13	ug/L	04/21/2015 1616
bis(2-Chloroethyl)ether	ND		1	1.0	0.13	ug/L	04/21/2015 1616
bis(2-Chloroisopropyl)ether	ND		1	1.0	0.080	ug/L	04/21/2015 1616
bis(2-Ethylhexyl)phthalate	ND		1	5.0	1.7	ug/L	04/21/2015 1616
Butyl benzyl phthalate	ND		1	5.0	1.7	ug/L	04/21/2015 1616
Chlorobenzilate	ND		1	2.0	0.41	ug/L	04/21/2015 1616
Chrysene	ND		1	1.0	0.12	ug/L	04/21/2015 1616
Di-n-butyl phthalate	ND		1	5.0	1.7	ug/L	04/21/2015 1616
Di-n-octylphthalate	ND		1	5.0	1.7	ug/L	04/21/2015 1616
Diallate - isomer 1	ND		1	2.0	0.67	ug/L	04/21/2015 1616
Diallate - isomer 2	ND		1	2.0	0.68	ug/L	04/21/2015 1616
Dibenzo(a,h)anthracene	ND		1	1.0	0.13	ug/L	04/21/2015 1616
Dibenzofuran	ND		1	1.0	0.16	ug/L	04/21/2015 1616
Diethylphthalate	ND		1	5.0	1.7	ug/L	04/21/2015 1616
Dimethoate	ND		1	2.0	0.71	ug/L	04/21/2015 1616
Dimethyl phthalate	ND		1	5.0	1.7	ug/L	04/21/2015 1616
Disulfoton	ND		1	1.0	0.25	ug/L	04/21/2015 1616
Ethyl methanesulfonate	ND		1	1.0	0.42	ug/L	04/21/2015 1616
Ethyl parathion	ND		1	5.0	2.2	ug/L	04/21/2015 1616
Famphur	ND		1	5.0	4.1	ug/L	04/21/2015 1616
Fluoranthene	ND		1	1.0	0.21	ug/L	04/21/2015 1616
Fluorene	ND		1	1.0	0.10	ug/L	04/21/2015 1616
Hexachlorobenzene	ND		1	1.0	0.21	ug/L	04/21/2015 1616
Hexachlorobutadiene	ND		1	1.0	0.090	ug/L	04/21/2015 1616
Hexachlorocyclopentadiene	ND		1	5.0	0.23	ug/L	04/21/2015 1616
Hexachloroethane	ND		1	1.0	0.11	ug/L	04/21/2015 1616
Hexachloropropene	ND		1	2.0	0.27	ug/L	04/21/2015 1616
Indeno(1,2,3-c,d)pyrene	ND		1	1.0	0.23	ug/L	04/21/2015 1616
Isodrin	ND		1	1.0	0.52	ug/L	04/21/2015 1616
Isophorone	ND		1	1.0	0.080	ug/L	04/21/2015 1616
Isosafrole	ND		1	1.0	0.50	ug/L	04/21/2015 1616
Kepone	ND		1	10	4.3	ug/L	04/21/2015 1616
Methapyrilene	ND		1	5.0	2.7	ug/L	04/21/2015 1616
Methyl methanesulfonate	ND		1	1.0	0.49	ug/L	04/21/2015 1616

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: QQ72816-001
Batch: 72816
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/17/2015 1804

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Methyl parathion	ND		1	5.0	3.2	ug/L	04/21/2015 1616
N-Nitroso-di-butylamine	ND		1	1.0	0.21	ug/L	04/21/2015 1616
N-Nitrosodi-n-propylamine	ND		1	1.0	0.080	ug/L	04/21/2015 1616
N-Nitrosodiethylamine	ND		1	1.0	0.53	ug/L	04/21/2015 1616
N-Nitrosodimethylamine	ND		1	1.0	0.10	ug/L	04/21/2015 1616
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	1.0	0.38	ug/L	04/21/2015 1616
N-Nitrosomethylethylamine	ND		1	1.0	0.20	ug/L	04/21/2015 1616
N-Nitrosopiperidine	ND		1	1.0	0.22	ug/L	04/21/2015 1616
N-Nitrosopyrrolidine	ND		1	1.0	0.26	ug/L	04/21/2015 1616
Naphthalene	ND		1	1.0	0.070	ug/L	04/21/2015 1616
Nitrobenzene	ND		1	1.0	0.10	ug/L	04/21/2015 1616
o-Toluidine	ND		1	1.0	0.92	ug/L	04/21/2015 1616
p-(Dimethylamino)azobenzene	ND		1	1.0	0.53	ug/L	04/21/2015 1616
p-Phenylenediamine	ND		1	10	1.8	ug/L	04/21/2015 1616
Pentachlorobenzene	ND		1	1.0	0.28	ug/L	04/21/2015 1616
Pentachloronitrobenzene	ND		1	5.0	0.64	ug/L	04/21/2015 1616
Pentachlorophenol	ND		1	5.0	0.54	ug/L	04/21/2015 1616
Phenacetin	ND		1	1.0	0.32	ug/L	04/21/2015 1616
Phenanthrene	ND		1	1.0	0.18	ug/L	04/21/2015 1616
Phenol	ND		1	1.0	0.11	ug/L	04/21/2015 1616
Phorate	ND		1	2.0	1.2	ug/L	04/21/2015 1616
Pronamide	ND		1	2.0	0.81	ug/L	04/21/2015 1616
Pyrene	ND		1	1.0	0.16	ug/L	04/21/2015 1616
Safrole	ND		1	1.0	0.26	ug/L	04/21/2015 1616

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		63	41-144
2-Fluorobiphenyl		75	37-129
2-Fluorophenol		66	24-127
Nitrobenzene-d5		92	38-127
Phenol-d5		78	28-128
Terphenyl-d14		103	10-148

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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: QQ72816-002
Batch: 72816
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/17/2015 1804

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,4-Trichlorobenzene	20	14		1	69	50-102	04/21/2015 1639
1,2-Dichlorobenzene	20	15		1	74	20-110	04/21/2015 1639
1,3-Dichlorobenzene	20	13		1	67	17-112	04/21/2015 1639
1,4-Dichlorobenzene	20	14		1	72	18-113	04/21/2015 1639
2,4,5-Trichlorophenol	20	16		1	82	50-126	04/21/2015 1639
2,4,6-Trichlorophenol	20	16		1	82	41-121	04/21/2015 1639
2,4-Dichlorophenol	20	17		1	83	45-121	04/21/2015 1639
2,4-Dimethylphenol	20	20		1	102	38-125	04/21/2015 1639
2,4-Dinitrophenol	100	97		1	97	37-135	04/21/2015 1639
2,4-Dinitrotoluene	40	42		1	104	51-128	04/21/2015 1639
2,6-Dinitrotoluene	40	40		1	99	48-133	04/21/2015 1639
2-Chloronaphthalene	20	14		1	71	39-128	04/21/2015 1639
2-Chlorophenol	20	16		1	79	39-115	04/21/2015 1639
2-Methylnaphthalene	20	17		1	84	40-132	04/21/2015 1639
2-Methylphenol	20	19		1	94	37-115	04/21/2015 1639
2-Nitroaniline	40	40		1	100	49-128	04/21/2015 1639
2-Nitrophenol	40	35		1	88	36-123	04/21/2015 1639
3 & 4-Methylphenol	40	39		1	98	44-112	04/21/2015 1639
3,3'-Dichlorobenzidine	40	34		1	86	30-130	04/21/2015 1639
3,3'-Dimethylbenzidine	40	8.8		1	22	10-130	04/21/2015 1639
3-Nitroaniline	40	39		1	97	31-128	04/21/2015 1639
4,6-Dinitro-2-methylphenol	100	100		1	104	46-134	04/21/2015 1639
4-Bromophenyl phenyl ether	20	17		1	83	50-122	04/21/2015 1639
4-Chloro-3-methyl phenol	20	20		1	102	54-123	04/21/2015 1639
4-Chloroaniline	20	15		1	73	48-101	04/21/2015 1639
4-Chlorophenyl phenyl ether	20	17		1	85	50-122	04/21/2015 1639
4-Nitroaniline	40	47		1	118	40-138	04/21/2015 1639
4-Nitrophenol	100	110		1	110	31-145	04/21/2015 1639
Acenaphthene	20	19		1	94	51-121	04/21/2015 1639
Acenaphthylene	20	19		1	96	47-129	04/21/2015 1639
Acetophenone	20	19		1	94	30-130	04/21/2015 1639
Anthracene	20	19		1	95	55-122	04/21/2015 1639
Benzo(a)anthracene	20	19		1	97	50-127	04/21/2015 1639
Benzo(a)pyrene	20	19		1	93	59-135	04/21/2015 1639
Benzo(b)fluoranthene	20	21		1	106	32-145	04/21/2015 1639
Benzo(g,h,i)perylene	20	18		1	92	42-128	04/21/2015 1639
Benzo(k)fluoranthene	20	21		1	105	50-135	04/21/2015 1639
Benzyl alcohol	20	21		1	104	30-130	04/21/2015 1639
bis(2-Chloroethoxy)methane	20	19		1	97	40-119	04/21/2015 1639
bis(2-Chloroethyl)ether	20	19		1	96	35-114	04/21/2015 1639
bis(2-Chloroisopropyl)ether	20	21		1	104	34-110	04/21/2015 1639
bis(2-Ethylhexyl)phthalate	20	24		1	118	50-133	04/21/2015 1639
Butyl benzyl phthalate	20	25		1	123	49-132	04/21/2015 1639
Chrysene	20	19		1	97	50-130	04/21/2015 1639

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: QQ72816-002
Batch: 72816
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/17/2015 1804

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Di-n-butyl phthalate	20	22		1	111	57-132	04/21/2015 1639
Di-n-octylphthalate	20	22		1	109	55-143	04/21/2015 1639
Dibenzo(a,h)anthracene	20	20		1	101	30-130	04/21/2015 1639
Dibenzofuran	20	17		1	87	48-118	04/21/2015 1639
Diethylphthalate	20	21		1	104	55-124	04/21/2015 1639
Dimethyl phthalate	20	19		1	97	52-124	04/21/2015 1639
Fluoranthene	20	19		1	93	55-127	04/21/2015 1639
Fluorene	20	18		1	92	52-124	04/21/2015 1639
Hexachlorobenzene	20	17		1	86	49-128	04/21/2015 1639
Hexachlorobutadiene	20	14		1	71	33-120	04/21/2015 1639
Hexachlorocyclopentadiene	100	54		1	54	22-122	04/21/2015 1639
Hexachloroethane	20	16		1	81	28-116	04/21/2015 1639
Indeno(1,2,3-c,d)pyrene	20	19		1	97	50-125	04/21/2015 1639
Isophorone	20	23		1	113	30-130	04/21/2015 1639
N-Nitrosodi-n-propylamine	20	23		1	117	39-119	04/21/2015 1639
N-Nitrosodimethylamine	20	20		1	98	30-130	04/21/2015 1639
N-Nitrosodiphenylamine (Diphenylamine)	20	22		1	109	46-160	04/21/2015 1639
Naphthalene	20	16		1	80	40-122	04/21/2015 1639
Nitrobenzene	20	20		1	100	39-123	04/21/2015 1639
Pentachlorophenol	100	82		1	82	34-137	04/21/2015 1639
Phenanthrene	20	19		1	95	54-123	04/21/2015 1639
Phenol	20	17		1	86	30-130	04/21/2015 1639
Pyrene	20	19		1	93	51-126	04/21/2015 1639

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		81	41-144
2-Fluorobiphenyl		80	37-129
2-Fluorophenol		73	24-127
Nitrobenzene-d5		95	38-127
Phenol-d5		85	28-128
Terphenyl-d14		94	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: QD16052-001MS
Batch: 72816
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/17/2015 1804

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	40	38		1	94	30-130	04/21/2015 1725
Acenaphthylene	ND	40	37		1	94	30-130	04/21/2015 1725
Acetophenone	0.39	40	35		1	85	30-130	04/21/2015 1725
Anthracene	ND	40	37		1	92	30-130	04/21/2015 1725
Benzo(a)anthracene	ND	40	36		1	89	30-130	04/21/2015 1725
Benzo(a)pyrene	ND	40	33		1	83	30-130	04/21/2015 1725
Benzo(b)fluoranthene	ND	40	39		1	98	30-130	04/21/2015 1725
Benzo(g,h,i)perylene	ND	40	30		1	76	30-130	04/21/2015 1725
Benzo(k)fluoranthene	ND	40	41		1	102	30-130	04/21/2015 1725
Benzyl alcohol	ND	40	40		1	100	30-130	04/21/2015 1725
4-Bromophenyl phenyl ether	ND	40	34		1	85	30-130	04/21/2015 1725
Butyl benzyl phthalate	ND	40	45		1	114	30-130	04/21/2015 1725
4-Chloro-3-methyl phenol	ND	40	40		1	101	30-130	04/21/2015 1725
4-Chloroaniline	ND	40	22		1	54	48-101	04/21/2015 1725
bis(2-Chloroethoxy)methane	ND	40	37		1	93	30-130	04/21/2015 1725
bis(2-Chloroethyl)ether	ND	40	39		1	97	30-130	04/21/2015 1725
bis(2-Chloroisopropyl)ether	ND	40	40		1	99	30-130	04/21/2015 1725
2-Chloronaphthalene	ND	40	29		1	73	30-130	04/21/2015 1725
2-Chlorophenol	ND	40	32		1	80	30-130	04/21/2015 1725
4-Chlorophenyl phenyl ether	ND	40	35		1	88	30-130	04/21/2015 1725
Chrysene	ND	40	36		1	89	30-130	04/21/2015 1725
Dibenzo(a,h)anthracene	ND	40	32		1	80	30-130	04/21/2015 1725
Dibenzofuran	ND	40	35		1	88	30-130	04/21/2015 1725
1,2-Dichlorobenzene	ND	40	29		1	73	30-130	04/21/2015 1725
1,3-Dichlorobenzene	ND	40	27		1	67	30-130	04/21/2015 1725
1,4-Dichlorobenzene	ND	40	28		1	69	30-130	04/21/2015 1725
3,3'-Dichlorobenzidine	ND	80	18	N	1	22	30-130	04/21/2015 1725
2,4-Dichlorophenol	ND	40	32		1	79	30-130	04/21/2015 1725
Diethylphthalate	ND	40	41		1	102	30-130	04/21/2015 1725
Dimethyl phthalate	ND	40	38		1	95	30-130	04/21/2015 1725
3,3'-Dimethylbenzidine	ND	80	0.24	N	1	0.29	10-130	04/21/2015 1725
2,4-Dimethylphenol	ND	40	38		1	95	30-130	04/21/2015 1725
Di-n-butyl phthalate	ND	40	42		1	104	30-130	04/21/2015 1725
4,6-Dinitro-2-methylphenol	ND	200	200		1	102	30-130	04/21/2015 1725
2,4-Dinitrophenol	ND	200	190		1	96	30-130	04/21/2015 1725
2,4-Dinitrotoluene	ND	80	81		1	101	30-130	04/21/2015 1725
2,6-Dinitrotoluene	ND	80	79		1	99	30-130	04/21/2015 1725
Di-n-octylphthalate	ND	40	29		1	72	30-130	04/21/2015 1725
bis(2-Ethylhexyl)phthalate	2.1	40	59	N	1	142	30-130	04/21/2015 1725
Fluoranthene	ND	40	37		1	92	30-130	04/21/2015 1725
Fluorene	ND	40	38		1	95	30-130	04/21/2015 1725
Hexachlorobenzene	ND	40	35		1	87	30-130	04/21/2015 1725
Hexachlorobutadiene	ND	40	28		1	71	30-130	04/21/2015 1725
Hexachlorocyclopentadiene	ND	200	96		1	48	30-130	04/21/2015 1725

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: QD16052-001MS
Batch: 72816
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/17/2015 1804

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Hexachloroethane	ND	40	31		1	77	30-130	04/21/2015 1725
Indeno(1,2,3-c,d)pyrene	ND	40	32		1	80	30-130	04/21/2015 1725
Isophorone	ND	40	43		1	106	30-130	04/21/2015 1725
2-Methylphenol	ND	40	37		1	93	30-130	04/21/2015 1725
3 & 4-Methylphenol	ND	80	74		1	92	30-130	04/21/2015 1725
Naphthalene	0.21	40	32		1	78	30-130	04/21/2015 1725
2-Nitroaniline	ND	80	68		1	85	30-130	04/21/2015 1725
3-Nitroaniline	ND	80	58		1	72	30-130	04/21/2015 1725
4-Nitroaniline	ND	80	65		1	81	30-130	04/21/2015 1725
Nitrobenzene	ND	40	48		1	119	30-130	04/21/2015 1725
2-Nitrophenol	ND	80	68		1	85	30-130	04/21/2015 1725
4-Nitrophenol	ND	200	210		1	107	30-130	04/21/2015 1725
N-Nitrosodimethylamine	ND	40	39		1	97	30-130	04/21/2015 1725
N-Nitrosodi-n-propylamine	ND	40	43		1	106	30-130	04/21/2015 1725
N-Nitrosodiphenylamine (Diphenylamine)	ND	40	41		1	103	30-130	04/21/2015 1725
Pentachlorophenol	ND	200	170		1	85	30-130	04/21/2015 1725
Phenanthrene	ND	40	38		1	94	30-130	04/21/2015 1725
Phenol	ND	40	35		1	88	30-130	04/21/2015 1725
Pyrene	ND	40	35		1	87	30-130	04/21/2015 1725
1,2,4-Trichlorobenzene	ND	40	27		1	68	50-102	04/21/2015 1725
2,4,5-Trichlorophenol	ND	40	34		1	86	30-130	04/21/2015 1725
2,4,6-Trichlorophenol	ND	40	34		1	86	30-130	04/21/2015 1725

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		88	41-144
2-Fluorobiphenyl		82	37-129
2-Fluorophenol		75	24-127
Nitrobenzene-d5		88	38-127
Phenol-d5		85	28-128
Terphenyl-d14		83	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: QD16052-001MD
Batch: 72816
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/17/2015 1804

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	40	40		1	99	5.0	30-130	40	04/21/2015 1749
Acenaphthylene	ND	40	40		1	101	7.2	30-130	40	04/21/2015 1749
Acetophenone	0.39	40	39		1	96	12	30-130	40	04/21/2015 1749
Anthracene	ND	40	40		1	99	8.0	30-130	40	04/21/2015 1749
Benzo(a)anthracene	ND	40	39		1	99	10	30-130	40	04/21/2015 1749
Benzo(a)pyrene	ND	40	38		1	94	13	30-130	40	04/21/2015 1749
Benzo(b)fluoranthene	ND	40	43		1	108	10	30-130	40	04/21/2015 1749
Benzo(g,h,i)perylene	ND	40	36		1	90	17	30-130	40	04/21/2015 1749
Benzo(k)fluoranthene	ND	40	43		1	108	5.4	30-130	40	04/21/2015 1749
Benzyl alcohol	ND	40	42		1	105	4.9	30-130	40	04/21/2015 1749
4-Bromophenyl phenyl ether	ND	40	35		1	87	2.3	30-130	40	04/21/2015 1749
Butyl benzyl phthalate	ND	40	51		1	127	11	30-130	40	04/21/2015 1749
4-Chloro-3-methyl phenol	ND	40	43		1	107	6.0	30-130	40	04/21/2015 1749
4-Chloroaniline	ND	40	23		1	56	4.2	48-101	40	04/21/2015 1749
bis(2-Chloroethoxy)methane	ND	40	38		1	96	2.9	30-130	40	04/21/2015 1749
bis(2-Chloroethyl)ether	ND	40	38		1	96	1.3	30-130	40	04/21/2015 1749
bis(2-Chloroisopropyl)ether	ND	40	41		1	101	2.4	30-130	40	04/21/2015 1749
2-Chloronaphthalene	ND	40	30		1	74	1.7	30-130	40	04/21/2015 1749
2-Chlorophenol	ND	40	33		1	83	4.4	30-130	40	04/21/2015 1749
4-Chlorophenyl phenyl ether	ND	40	37		1	93	5.1	30-130	40	04/21/2015 1749
Chrysene	ND	40	40		1	101	12	30-130	40	04/21/2015 1749
Dibenzo(a,h)anthracene	ND	40	40		1	99	22	30-130	40	04/21/2015 1749
Dibenzofuran	ND	40	37		1	92	4.8	30-130	40	04/21/2015 1749
1,2-Dichlorobenzene	ND	40	31		1	78	6.8	30-130	40	04/21/2015 1749
1,3-Dichlorobenzene	ND	40	28		1	71	6.4	30-130	40	04/21/2015 1749
1,4-Dichlorobenzene	ND	40	30		1	74	6.8	30-130	40	04/21/2015 1749
3,3'-Dichlorobenzidine	ND	80	11	N,+	1	14	47	30-130	40	04/21/2015 1749
2,4-Dichlorophenol	ND	40	35		1	87	9.7	30-130	40	04/21/2015 1749
Diethylphthalate	ND	40	43		1	109	5.9	30-130	40	04/21/2015 1749
Dimethyl phthalate	ND	40	41		1	103	7.6	30-130	40	04/21/2015 1749
3,3'-Dimethylbenzidine	ND	80	0.057	N,+	1	0.071	120	10-130	40	04/21/2015 1749
2,4-Dimethylphenol	ND	40	41		1	102	7.0	30-130	40	04/21/2015 1749
Di-n-butyl phthalate	ND	40	46		1	115	10	30-130	40	04/21/2015 1749
4,6-Dinitro-2-methylphenol	ND	200	220		1	111	8.0	30-130	40	04/21/2015 1749
2,4-Dinitrophenol	ND	200	210		1	105	8.9	30-130	40	04/21/2015 1749
2,4-Dinitrotoluene	ND	80	84		1	105	4.4	30-130	40	04/21/2015 1749
2,6-Dinitrotoluene	ND	80	84		1	105	6.5	30-130	40	04/21/2015 1749
Di-n-octylphthalate	ND	40	33		1	83	14	30-130	40	04/21/2015 1749
bis(2-Ethylhexyl)phthalate	2.1	40	69	N	1	167	16	30-130	40	04/21/2015 1749
Fluoranthene	ND	40	39		1	98	5.3	30-130	40	04/21/2015 1749
Fluorene	ND	40	40		1	100	5.4	30-130	40	04/21/2015 1749
Hexachlorobenzene	ND	40	37		1	94	7.9	30-130	40	04/21/2015 1749
Hexachlorobutadiene	ND	40	31		1	77	7.2	30-130	40	04/21/2015 1749
Hexachlorocyclopentadiene	ND	200	93		1	46	3.8	30-130	40	04/21/2015 1749

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: QD16052-001MD
Batch: 72816
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/17/2015 1804

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Hexachloroethane	ND	40	31		1	78	0.82	30-130	40	04/21/2015 1749
Indeno(1,2,3-c,d)pyrene	ND	40	38		1	96	19	30-130	40	04/21/2015 1749
Isophorone	ND	40	44		1	111	4.0	30-130	40	04/21/2015 1749
2-Methylnaphthalene	ND	40	37		1	91	6.5	40-132	40	04/21/2015 1749
2-Methylphenol	ND	40	39		1	99	5.5	30-130	40	04/21/2015 1749
3 & 4-Methylphenol	ND	80	79		1	99	6.8	30-130	40	04/21/2015 1749
Naphthalene	0.21	40	33		1	82	4.2	30-130	40	04/21/2015 1749
2-Nitroaniline	ND	80	68		1	85	0.50	30-130	40	04/21/2015 1749
3-Nitroaniline	ND	80	61		1	76	5.3	30-130	40	04/21/2015 1749
4-Nitroaniline	ND	80	66		1	82	1.3	30-130	40	04/21/2015 1749
Nitrobenzene	ND	40	51		1	127	6.3	30-130	40	04/21/2015 1749
2-Nitrophenol	ND	80	70		1	88	3.3	30-130	40	04/21/2015 1749
4-Nitrophenol	ND	200	230		1	117	8.9	30-130	40	04/21/2015 1749
N-Nitrosodimethylamine	ND	40	38		1	95	2.5	30-130	40	04/21/2015 1749
N-Nitrosodi-n-propylamine	ND	40	45		1	111	4.7	30-130	40	04/21/2015 1749
N-Nitrosodiphenylamine (Diphenylamine)	ND	40	43		1	108	4.6	30-130	40	04/21/2015 1749
Pentachlorophenol	ND	200	190		1	95	11	30-130	40	04/21/2015 1749
Phenanthrene	ND	40	40		1	101	7.1	30-130	40	04/21/2015 1749
Phenol	ND	40	36		1	91	3.5	30-130	40	04/21/2015 1749
Pyrene	ND	40	39		1	97	11	30-130	40	04/21/2015 1749
1,2,4-Trichlorobenzene	ND	40	30		1	75	9.0	50-102	40	04/21/2015 1749
2,4,5-Trichlorophenol	ND	40	37		1	92	7.7	30-130	40	04/21/2015 1749
2,4,6-Trichlorophenol	ND	40	36		1	90	5.4	30-130	40	04/21/2015 1749

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		92	41-144
2-Fluorobiphenyl		86	37-129
2-Fluorophenol		75	24-127
Nitrobenzene-d5		92	38-127
Phenol-d5		89	28-128
Terphenyl-d14		95	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: QQ72952-001
Batch: 72952
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2015 1644

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
4,4'-DDD	ND		1	0.040	0.0090	ug/L	04/22/2015 1118
4,4'-DDE	ND		1	0.040	0.0090	ug/L	04/22/2015 1118
4,4'-DDT	ND		1	0.040	0.015	ug/L	04/22/2015 1118
Aldrin	ND		1	0.040	0.0090	ug/L	04/22/2015 1118
alpha-BHC	ND		1	0.040	0.013	ug/L	04/22/2015 1118
beta-BHC	ND		1	0.040	0.031	ug/L	04/22/2015 1118
Chlordane	ND		1	0.40	0.13	ug/L	04/22/2015 1118
delta-BHC	ND		1	0.040	0.012	ug/L	04/22/2015 1118
Dieldrin	ND		1	0.040	0.010	ug/L	04/22/2015 1118
Endosulfan I	ND		1	0.040	0.011	ug/L	04/22/2015 1118
Endosulfan II	ND		1	0.040	0.0090	ug/L	04/22/2015 1118
Endosulfan sulfate	ND		1	0.040	0.014	ug/L	04/22/2015 1118
Endrin	ND		1	0.040	0.012	ug/L	04/22/2015 1118
Endrin aldehyde	ND		1	0.040	0.012	ug/L	04/22/2015 1118
gamma-BHC (Lindane)	ND		1	0.040	0.017	ug/L	04/22/2015 1118
Heptachlor	ND		1	0.040	0.012	ug/L	04/22/2015 1118
Heptachlor epoxide	ND		1	0.040	0.011	ug/L	04/22/2015 1118
Methoxychlor	ND		1	0.16	0.017	ug/L	04/22/2015 1118
Toxaphene	ND		1	0.40	0.29	ug/L	04/22/2015 1118

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		90	10-122
Tetrachloro-m-xylene		86	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: QQ72952-002
Batch: 72952
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2015 1644

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	0.80	0.90		1	113	70-130	04/22/2015 1133
4,4'-DDE	0.80	0.88		1	111	70-130	04/22/2015 1133
4,4'-DDT	0.80	0.91		1	114	70-130	04/22/2015 1133
Aldrin	0.80	0.83		1	103	70-130	04/22/2015 1133
alpha-BHC	0.80	0.84		1	106	70-130	04/22/2015 1133
beta-BHC	0.80	0.79		1	99	70-130	04/22/2015 1133
delta-BHC	0.80	0.82		1	103	70-130	04/22/2015 1133
Dieldrin	0.80	0.90		1	112	70-130	04/22/2015 1133
Endosulfan I	0.80	0.87		1	108	70-130	04/22/2015 1133
Endosulfan II	0.80	0.86		1	107	70-130	04/22/2015 1133
Endosulfan sulfate	0.80	0.84		1	105	70-130	04/22/2015 1133
Endrin	0.80	0.85		1	107	70-130	04/22/2015 1133
Endrin aldehyde	0.80	0.78		1	97	70-130	04/22/2015 1133
gamma-BHC (Lindane)	0.80	0.85		1	107	70-130	04/22/2015 1133
Heptachlor	0.80	0.79		1	99	70-130	04/22/2015 1133
Heptachlor epoxide	0.80	0.83		1	104	70-130	04/22/2015 1133
Methoxychlor	0.80	0.83		1	104	70-130	04/22/2015 1133

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		81	10-122
Tetrachloro-m-xylene		92	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: QD16052-001MS
Batch: 72952
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2015 1644

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aldrin	ND	0.80	0.65		1	81	70-130	04/22/2015 1203
gamma-BHC (Lindane)	ND	0.80	0.87		1	109	70-130	04/22/2015 1203
alpha-BHC	ND	0.80	0.81		1	101	70-130	04/22/2015 1203
beta-BHC	ND	0.80	0.80		1	100	70-130	04/22/2015 1203
delta-BHC	ND	0.80	0.85		1	107	70-130	04/22/2015 1203
4,4'-DDD	ND	0.80	0.89		1	112	70-130	04/22/2015 1203
4,4'-DDE	ND	0.80	0.81		1	101	70-130	04/22/2015 1203
4,4'-DDT	ND	0.80	0.94		1	118	70-130	04/22/2015 1203
Dieldrin	ND	0.80	0.88		1	110	70-130	04/22/2015 1203
Endosulfan I	ND	0.80	0.96		1	120	70-130	04/22/2015 1203
Endosulfan II	ND	0.80	0.89		1	111	70-130	04/22/2015 1203
Endosulfan sulfate	ND	0.80	0.88		1	111	70-130	04/22/2015 1203
Endrin	ND	0.80	0.89		1	111	70-130	04/22/2015 1203
Endrin aldehyde	ND	0.80	0.88		1	110	70-130	04/22/2015 1203
Heptachlor	ND	0.80	0.78		1	97	70-130	04/22/2015 1203
Heptachlor epoxide	ND	0.80	0.83		1	103	70-130	04/22/2015 1203
Methoxychlor	ND	0.80	0.88		1	110	70-130	04/22/2015 1203

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		62	10-122
Tetrachloro-m-xylene		82	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: QD16052-001MD
Batch: 72952
Analytical Method: 8081B

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2015 1644

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	0.60		1	76	7.3	70-130	30	04/22/2015 1217
gamma-BHC (Lindane)	ND	0.80	0.84		1	105	3.8	70-130	30	04/22/2015 1217
alpha-BHC	ND	0.80	0.80		1	100	1.4	70-130	30	04/22/2015 1217
beta-BHC	ND	0.80	0.75		1	94	5.4	70-130	30	04/22/2015 1217
delta-BHC	ND	0.80	0.81		1	102	4.8	70-130	30	04/22/2015 1217
4,4'-DDD	ND	0.80	0.83		1	104	6.9	70-130	30	04/22/2015 1217
4,4'-DDE	ND	0.80	0.75		1	94	6.9	70-130	30	04/22/2015 1217
4,4'-DDT	ND	0.80	0.85		1	106	11	70-130	30	04/22/2015 1217
Dieldrin	ND	0.80	0.85		1	106	3.1	70-130	30	04/22/2015 1217
Endosulfan I	ND	0.80	0.91		1	114	4.9	70-130	30	04/22/2015 1217
Endosulfan II	ND	0.80	0.86		1	108	3.4	70-130	30	04/22/2015 1217
Endosulfan sulfate	ND	0.80	0.83		1	103	6.7	70-130	30	04/22/2015 1217
Endrin	ND	0.80	0.84		1	104	5.9	70-130	30	04/22/2015 1217
Endrin aldehyde	ND	0.80	0.85		1	106	3.3	70-130	30	04/22/2015 1217
Heptachlor	ND	0.80	0.73		1	92	5.9	70-130	30	04/22/2015 1217
Heptachlor epoxide	ND	0.80	0.80		1	100	3.8	70-130	30	04/22/2015 1217
Methoxychlor	ND	0.80	0.83		1	104	5.5	70-130	30	04/22/2015 1217

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		57	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

PCBs by GC - MB

Sample ID: QQ72953-001
Batch: 72953
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2015 1644

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Aroclor 1016	ND		1	0.40	0.14	ug/L	04/22/2015 2008
Aroclor 1221	ND		1	0.40	0.25	ug/L	04/22/2015 2008
Aroclor 1232	ND		1	0.40	0.15	ug/L	04/22/2015 2008
Aroclor 1242	ND		1	0.40	0.15	ug/L	04/22/2015 2008
Aroclor 1248	ND		1	0.40	0.10	ug/L	04/22/2015 2008
Aroclor 1254	ND		1	0.40	0.10	ug/L	04/22/2015 2008
Aroclor 1260	ND		1	0.40	0.15	ug/L	04/22/2015 2008

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		68	10-133
Tetrachloro-m-xylene		83	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: QQ72953-002
Batch: 72953
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2015 1644

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	4.0	3.7		1	92	70-130	04/22/2015 2021
Aroclor 1260	4.0	2.9		1	73	70-130	04/22/2015 2021

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		59	10-133
Tetrachloro-m-xylene		99	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: QD16052-002MS
Batch: 72953
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2015 1644

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	ND	4.0	3.9		1	97	70-130	04/22/2015 2101
Aroclor 1260	ND	4.0	2.7	N	1	67	70-130	04/22/2015 2101

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		30	10-133
Tetrachloro-m-xylene		92	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: QD16052-002MD
Batch: 72953
Analytical Method: 8082A

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/20/2015 1644

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	4.3		1	106	9.4	70-130	20	04/22/2015 2114
Aroclor 1260	ND	4.0	2.5	N	1	63	6.3	70-130	20	04/22/2015 2114

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		29	10-133
Tetrachloro-m-xylene		99	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: QQ72993-001
Batch: 72993
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/21/2015 1257

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
2,4,5-T	ND		1	0.50	0.10	ug/L	04/22/2015 0931
2,4,5-TP (Silvex)	ND		1	0.50	0.10	ug/L	04/22/2015 0931
2,4-D	ND		1	2.0	0.40	ug/L	04/22/2015 0931
Dinoseb	ND		1	1.0	0.44	ug/L	04/22/2015 0931

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: QQ72993-002
Batch: 72993
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/21/2015 1257

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-T	10	7.5		1	75	70-130	04/22/2015 0954
2,4,5-TP (Silvex)	10	8.0		1	80	70-130	04/22/2015 0954
2,4-D	10	8.2		1	82	70-130	04/22/2015 0954
Dinoseb	10	7.0		1	70	31-128	04/22/2015 0954

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

Herbicides by GC - MS

Sample ID: QD16052-002MS
Batch: 72993
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/21/2015 1257

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-T	ND	20	16		1	80	70-130	04/22/2015 1103
2,4-D	ND	20	18		1	91	70-130	04/22/2015 1103
Dinoseb	ND	20	14		1	68	31-128	04/22/2015 1103
2,4,5-TP (Silvex)	ND	20	17		1	84	70-130	04/22/2015 1103

Surrogate	Q	% Rec	Acceptance Limit
DCAA		75	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: QD16052-002MD
Batch: 72993
Analytical Method: 8151A

Matrix: Aqueous
Prep Method: 8151A
Prep Date: 04/21/2015 1257

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
2,4,5-T	ND	20	16		1	81	1.9	70-130	40	04/22/2015 1126
2,4-D	ND	20	19		1	93	2.4	70-130	40	04/22/2015 1126
Dinoseb	ND	20	14		1	69	1.9	31-128	40	04/22/2015 1126
2,4,5-TP (Silvex)	ND	20	17		1	85	1.2	70-130	40	04/22/2015 1126

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

Appendix I Metals - MB

Sample ID: QQ72717-001
Batch: 72717
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/16/2015 1624

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Antimony	ND		1	0.010	0.0066	mg/L	04/18/2015 0223
Arsenic	ND		1	0.010	0.0022	mg/L	04/18/2015 0223
Barium	ND		1	0.025	0.0019	mg/L	04/18/2015 0223
Beryllium	ND		1	0.0040	0.00022	mg/L	04/18/2015 0223
Cadmium	ND		1	0.0020	0.00054	mg/L	04/18/2015 0223
Chromium	ND		1	0.0050	0.00072	mg/L	04/18/2015 0223
Cobalt	ND		1	0.025	0.0013	mg/L	04/18/2015 0223
Copper	**0.0021**	**J**	**1**	**0.0050**	**0.0018**	**mg/L**	**04/18/2015 0223**
Lead	ND		1	0.010	0.0047	mg/L	04/18/2015 0223
Nickel	ND		1	0.040	0.0028	mg/L	04/18/2015 0223
Selenium	ND		1	0.010	0.0085	mg/L	04/18/2015 0223
Silver	ND		1	0.0050	0.0021	mg/L	04/18/2015 0223
Vanadium	ND		1	0.050	0.0026	mg/L	04/18/2015 0223
Zinc	ND		1	0.020	0.0022	mg/L	04/18/2015 0223

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

Appendix I Metals - LCS

Sample ID: QQ72717-002
Batch: 72717
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/16/2015 1624

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	0.40	0.37		1	92	80-120	04/18/2015 0228
Arsenic	0.40	0.36		1	90	80-120	04/18/2015 0228
Barium	2.0	1.8		1	90	80-120	04/18/2015 0228
Beryllium	2.0	1.9		1	93	80-120	04/18/2015 0228
Cadmium	0.40	0.35		1	88	80-120	04/18/2015 0228
Chromium	2.0	1.7		1	87	80-120	04/18/2015 0228
Cobalt	2.0	1.8		1	90	80-120	04/18/2015 0228
Copper	2.0	1.8		1	88	80-120	04/18/2015 0228
Lead	0.40	0.36		1	91	80-120	04/18/2015 0228
Nickel	2.0	1.8		1	90	80-120	04/18/2015 0228
Selenium	0.40	0.37		1	91	80-120	04/18/2015 0228
Silver	0.40	0.35		1	87	80-120	04/18/2015 0228
Vanadium	2.0	1.7		1	86	80-120	04/18/2015 0228
Zinc	2.0	1.8		1	92	80-120	04/18/2015 0228

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: QQ72730-001
Batch: 72730
Analytical Method: 6020A

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/17/2015 908

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Antimony	ND		1	1.0	0.17	ug/L	04/17/2015 2303
Arsenic	**0.30**	**J**	**1**	**1.0**	**0.26**	**ug/L**	**04/21/2015 0038**
Barium	ND		1	5.0	0.53	ug/L	04/17/2015 2303
Beryllium	ND		1	0.40	0.12	ug/L	04/17/2015 2303
Cadmium	ND		1	0.10	0.044	ug/L	04/17/2015 2303
Chromium	ND		1	5.0	0.63	ug/L	04/17/2015 2303
Cobalt	ND		1	5.0	0.26	ug/L	04/17/2015 2303
Copper	ND		1	1.0	0.15	ug/L	04/21/2015 0038
Lead	ND		1	1.0	0.15	ug/L	04/17/2015 2303
Nickel	ND		1	5.0	0.63	ug/L	04/17/2015 2303
Selenium	ND		1	1.0	0.95	ug/L	04/21/2015 0038
Silver	ND		1	1.0	0.17	ug/L	04/17/2015 2303
Thallium	ND		1	0.50	0.075	ug/L	04/17/2015 2303
Tin	ND		1	5.0	2.7	ug/L	04/17/2015 2303
Vanadium	ND		1	5.0	1.5	ug/L	04/17/2015 2303
Zinc	ND		1	10	1.6	ug/L	04/17/2015 2303

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: QQ72730-002
Batch: 72730
Analytical Method: 6020A

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/17/2015 908

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	100	100		1	103	80-120	04/17/2015 2308
Arsenic	100	100		1	101	80-120	04/21/2015 0043
Barium	100	100		1	103	80-120	04/17/2015 2308
Beryllium	100	100		1	105	80-120	04/17/2015 2308
Cadmium	100	100		1	102	80-120	04/17/2015 2308
Chromium	100	98		1	98	80-120	04/17/2015 2308
Cobalt	100	96		1	96	80-120	04/17/2015 2308
Copper	100	100		1	100	80-120	04/21/2015 0043
Lead	100	100		1	100	80-120	04/17/2015 2308
Nickel	100	100		1	101	80-120	04/17/2015 2308
Selenium	100	99		1	99	80-120	04/21/2015 0043
Silver	100	110		1	112	80-120	04/17/2015 2308
Thallium	100	100		1	100	80-120	04/17/2015 2308
Tin	100	100		1	103	80-120	04/17/2015 2308
Vanadium	100	99		1	99	80-120	04/17/2015 2308
Zinc	100	110		1	106	80-120	04/17/2015 2308

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: QQ72884-001
Batch: 72884
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/20/2015 1139

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00010	0.000028	mg/L	04/20/2015 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

CVAA - LCS

Sample ID: QQ72884-002
Batch: 72884
Analytical Method: 7470A

Matrix: Aqueous
Prep Method: 7470A
Prep Date: 04/20/2015 1139

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0020		1	101	80-120	04/20/2015 1531

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**

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Number 47806

Client: Enviro-Pro, P.C.
Address: 2646 Farmlake Ln.
City: Ft. Mill | State: SC | Zip Code: 29708
Project Name: Hwy 49 C&D
Project No.: EP-1271(A)
P.O. No.:
Report to Contact: T. Bolyard
Sampler's Signature: T. Bolyard
Printed Name: T. Bolyard
Telephone No. / E-mail: 803-547-4955
Quote No.:
Analysis (Attach list if more space is needed)
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QD16052

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	Zn Acetate NaOH	App II VOCs + THF	App II Metals + Hg	App II SVOCs	App II Pest/PCBs	App II Herb.	CN	Sulfide	App I VOCs + THF	App I Metals + Hg	Remarks / Cooler I.D.
MW-21	4/15/15	7:30	6	X			6		1	3	1		1	✓	✓	✓	✓	✓	✓	✓			Use Lower Level
MW-55		8:00	6	X			6		1	3	1		1	✓	✓	✓	✓	✓	✓	✓			Detection Limits;
MW-56		8:30	6	X			6		1	3	1		1	✓	✓	✓	✓	✓	✓	✓			Send EDD
MW-56A		9:00	6	X			6		1	3	1		1	✓	✓	✓	✓	✓	✓	✓			
MW-56D		9:30	6	X			6		1	3	1		1	✓	✓	✓	✓	✓	✓	✓			
MW-57		10:00	6	X			6		1	3	1		1	✓	✓	✓	✓	✓	✓	✓			
MW-57D		10:30	6	X			6		1	3	1		1	✓	✓	✓	✓	✓	✓	✓			
SW-1		10:45	6	X					1	3											✓	✓	
SW-2		11:00	6	X					1	3											✓	✓	
Trip Blank										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	4/16/15	1330	1. Received by		4/16/15	1330
2. Relinquished by		4/16/15	1415	2. Received by		4/16/15	1415
3. Relinquished by		Date	Time	3. Received by		Date	Time
4. Relinquished by		4/16/15	1710	4. Laboratory received by		4/16/15	1710

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. 1.1 °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, LLC
LOCATION: Harrisburg, NC
PROJECT NAME/DESCRIPTION: Hwy 49 C&D
DATE OF WATER LEVEL MEASUREMENTS: 4-15-15

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	4-15-15	7:30	50	—	38.69	—	11.31	1.8	5.5				
	MW-55	"	8:00	23	—	15.14	—	7.86	1.2	3.8				
	MW-56	"	8:30	25	—	6.86	—	18.14	2.45	8.87				
	MW-56A	"	9:00	20	—	9.64	—	10.36	1.68	5				
	MW-56D	"	9:30	50	—	9.76	—	40.24	6.5	19.6				
	MW-57	"	10:00	17	—	12.35	—	4.65	.7	2.1				
	MW-57D	"	10:30	50	—	11.31	—	38.69	6	18				
	SW-1	"	10:45	—	—	—	—	—	—	—				
	SW-2	"	11:00	—	—	—	—	—	—	—				

Comments:

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

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

(e.g., after each well volume).

Development/Purge Readings

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

DATE: 4-15-15
PERSONNEL: BVB

WELL ID	TIME (DURATION)	GALLONS	NTUs	TEMP. (DEGREES C)	CONDUCTIVITY (2mu/cm)	pH
MW-21		1		16.6	154.8	6.7
		3		16.5	165.2	6.6
		5		16.4	169.9	6.6
MW-55		1		16.7	234.1	6.7
		2		16.6	244.6	6.6
		3		16.5	347.7	6.5
MW-56		1		16.6	242.0	6.8
		3		16.5	254.5	6.7
		5		16.5	260.1	6.6
		8		16.5	257.9	6.7
MW-56A		1		16.7	267.6	6.7
		3		16.6	270.4	6.6
		5		16.7	274.2	6.7
MW-56D		2		16.6	306.5	6.7
		4		16.5	318.1	6.6
		8		16.5	325	6.6
MW-57		1		16.8	215.2	6.9
		1.5		16.7	222.8	6.8
		2		16.7	228.1	6.7
MW-57D		2		16.8	167.3	6.7
		6		16.6	177.2	6.6
		10		16.5	174.4	6.7
SW-1		N/A		16.7	222.7	6.6
SW-2		N/A		16.9	235.1	6.7