May 9, 2016

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

Subject: Semi-Annual Groundwater Sampling Report (7)
Highway 49 C&D Landfill – Expansion Area I
Harrisburg, North Carolina
Project No. EP-1271

Dear Mr. Griffin:

In accordance with the Water Quality Monitoring Plan approved by the North Carolina DENR-Solid Waste Section as part of the Site Plan Application Report, Enviro-Pro, P.C. (EP) personnel have completed the first 2016 semi-annual groundwater sampling event for the subject site.

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

Sincerely,
ENVIRO-PRO, P.C.

Thomas H. Bolyard

Thomas H. Bolyard, P.G.
Senior Hydrogeologist

cc: Mr. Scott Brown, CEC

SEMI-ANNUAL GROUNDWATER MONITORING REPORT (7)

Highway 49 C&D Landfill – Expansion Area I
Harrisburg, North Carolina

Prepared for:
Mr. Mike Griffin
Greenway Waste Solutions of Harrisburg, LLC
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

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

NORTH CAROLINA LICENSED 492 GEOLOGIST THOMAS H. BOLYARD

Project Number EP-1271

May 9, 2016

Monitor well purging and sampling were completed by Enviro-Pro, P.C. (EP) personnel on April 16, 2016. This semi-annual sampling event for Expansion Area I included one additional downstream sample of Coddle Creek (SW-3) and groundwater monitor wells MW-81, MW-95, MW-99, MW-102, MW-103, and MW-104. Approximate sampling locations are indicated on Figure 1, Site Map.

All samples were collected as described in the approved Water Quality Monitoring Plan and were then transported to Shealy Environmental Services, Inc. in West Columbia, South Carolina for analysis of Appendix I volatile organic compounds (VOCs) via Method 8260B and Appendix I metals including mercury. The completed Chain of Custody Record and the Report of Analysis for these samples are included as Appendix A. A Well Development, Purge, and Sample Record is included in Appendix B. At least three well volumes were removed from each well to purge stagnant water and to ensure that fresh formation water would be sampled. All purging and sampling activities were conducted using dedicated bailers and disposable sampling gloves were changed between each sampling location to minimize the potential for any cross-contamination to occur. Analytical QA/QC measures included a laboratory-supplied trip blank analyzed for Appendix I VOCs by Method 8260B.

The field information recorded in Appendix B indicates that the groundwater levels ranged from depths of 8.25 feet in MW-99 to 59.80 feet in MW-104. Groundwater levels increased in all six monitor wells since the previous sampling event in October, 2015.

Laboratory test results indicate low concentrations of the metal barium in all the monitor wells sampled. A low level of barium was also present in sample SW-3 from Coddle Creek, providing further evidence that these levels are representative of this naturally-occurring metal in the bedrock, soil, and groundwater in this area. Chromium, lead, and nickel were detected above their respective 2L Standards in well MW-81. These levels are believed to be the result of a slightly turbid water sample for this well. Zinc was detected below its 2L Standard in MW-95. Cobalt and vanadium were both detected in MW-81 at low concentrations. No 2L Standards have been established for these metals. The VOC carbon disulfide was detected in well MW-81 and in the trip blank at levels well below its 2L Standard. No other metals or VOCs were detected in any of the monitor wells or in the stream sample analyzed in association with this landfill facility.

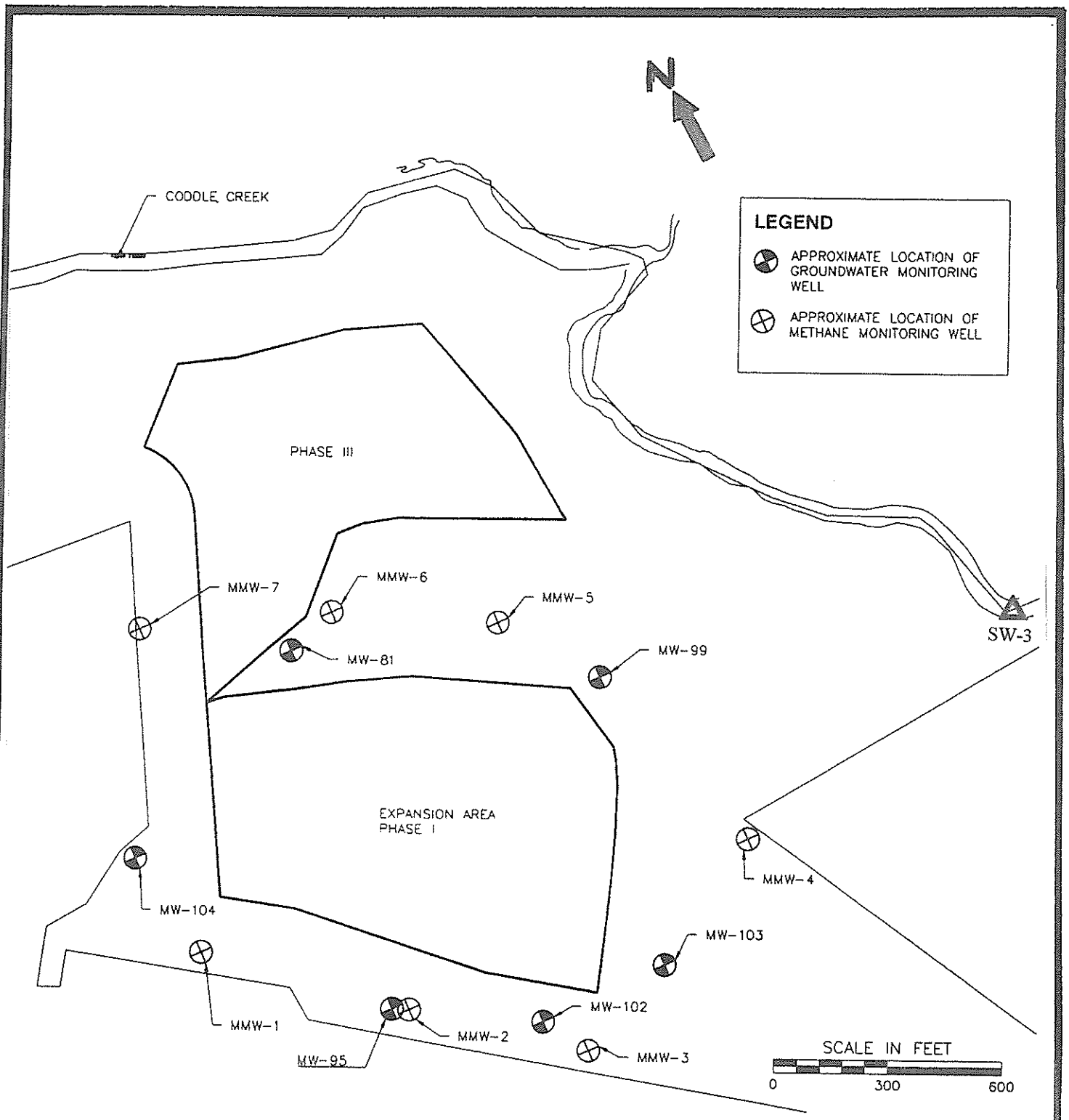
Table 1 provides a summary of the laboratory test results obtained during this most recent semi-annual sampling event, with Shealy's Report of Analysis attached as Appendix A.

The next semi-annual sampling event for the Highway 49 C&D Landfill – Expansion Area I site is scheduled for October 2016.

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

Analytical Method	6010	6010	6010	6010	6010	6010	6010	6010	6010	8260B
Contaminant of Concern → / Sample ID	Barium	Chromium	Copper	Zinc	Arsenic	Vanadium	Cobalt	Lead	Nickel	Carbon disulfide
MW-81	1	0.23	0.66	0.23	BDL	0.32	0.053	0.1	0.2	BDL
MW-95	0.036	BDL	BDL	0.028	BDL	BDL	BDL	BDL	BDL	BDL
MW-99	0.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-102	0.043	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-103	0.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-104	0.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-3	0.049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trip Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2L Standard	0.7	0.01	1	1	0.01	NE	NE	0.015	0.1	700

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



Ref: CEC Map – March 2016

FIGURE 1: SITE MAP

Highway 49 – Expansion Area I

Harrisburg, North Carolina

DRAWN BY: CK BY: PROJ MGR: THB DATE: 5/5/16	ENVIRO-PRO PROFESSIONAL CORPORATION	SCALE: As Shown PROJ NO: EP-1271 FILE NAME: LAYER:

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: **Highway 49 C&D Exp. Area I**

Project Number: **EP-1271**

Lot Number: **RD18044**

Date Completed: **04/26/2016**

Nisreen Saikaly
Project Manager

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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: RD18044

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

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

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

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

Sample Summary
Enviro-Pro, P.C.
Lot Number: RD18044

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-81	Aqueous	04/16/2016 0900	04/18/2016
002	MW-95	Aqueous	04/16/2016 1000	04/18/2016
003	MW-99	Aqueous	04/16/2016 0920	04/18/2016
004	MW-102	Aqueous	04/16/2016 0950	04/18/2016
005	MW-103	Aqueous	04/16/2016 0945	04/18/2016
006	MW-104	Aqueous	04/16/2016 1015	04/18/2016
007	SW-3	Aqueous	04/16/2016 0935	04/18/2016
008	TRIP BLANK	Aqueous	04/16/2016	04/18/2016

(8 samples)

Executive Summary
Enviro-Pro, P.C.
Lot Number: RD18044

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-81	Aqueous	Carbon disulfide	8260B	0.48	J	ug/L	5
001	MW-81	Aqueous	Antimony	6010C	0.0076	J	mg/L	7
001	MW-81	Aqueous	Arsenic	6010C	0.0070	J	mg/L	7
001	MW-81	Aqueous	Barium	6010C	1.0		mg/L	7
001	MW-81	Aqueous	Cadmium	6010C	0.00080	J	mg/L	7
001	MW-81	Aqueous	Chromium	6010C	0.23		mg/L	7
001	MW-81	Aqueous	Cobalt	6010C	0.053		mg/L	7
001	MW-81	Aqueous	Copper	6010C	0.66		mg/L	7
001	MW-81	Aqueous	Lead	6010C	0.10		mg/L	7
001	MW-81	Aqueous	Nickel	6010C	0.17		mg/L	7
001	MW-81	Aqueous	Vanadium	6010C	0.32		mg/L	7
001	MW-81	Aqueous	Zinc	6010C	0.23		mg/L	7
001	MW-81	Aqueous	Mercury	7470A	0.000036	J	mg/L	8
002	MW-95	Aqueous	Barium	6010C	0.036		mg/L	11
002	MW-95	Aqueous	Chromium	6010C	0.0032	J	mg/L	11
002	MW-95	Aqueous	Copper	6010C	0.0023	J	mg/L	11
002	MW-95	Aqueous	Vanadium	6010C	0.0050	J	mg/L	11
002	MW-95	Aqueous	Zinc	6010C	0.028		mg/L	11
003	MW-99	Aqueous	Barium	6010C	0.15		mg/L	15
003	MW-99	Aqueous	Cobalt	6010C	0.011	J	mg/L	15
003	MW-99	Aqueous	Copper	6010C	0.0054	J	mg/L	15
003	MW-99	Aqueous	Nickel	6010C	0.010	J	mg/L	15
003	MW-99	Aqueous	Vanadium	6010C	0.010	J	mg/L	15
003	MW-99	Aqueous	Zinc	6010C	0.0031	J	mg/L	15
004	MW-102	Aqueous	Barium	6010C	0.043		mg/L	19
004	MW-102	Aqueous	Chromium	6010C	0.0013	J	mg/L	19
004	MW-102	Aqueous	Vanadium	6010C	0.015	J	mg/L	19
005	MW-103	Aqueous	Barium	6010C	0.15		mg/L	23
005	MW-103	Aqueous	Vanadium	6010C	0.012	J	mg/L	23
006	MW-104	Aqueous	Barium	6010C	0.13		mg/L	27
006	MW-104	Aqueous	Chromium	6010C	0.00093	J	mg/L	27
006	MW-104	Aqueous	Vanadium	6010C	0.013	J	mg/L	27
006	MW-104	Aqueous	Zinc	6010C	0.0043	J	mg/L	27
007	SW-3	Aqueous	Barium	6010C	0.049		mg/L	31
007	SW-3	Aqueous	Zinc	6010C	0.0026	J	mg/L	31
008	TRIP BLANK	Aqueous	Carbon disulfide	8260B	0.51	J	ug/L	33

(36 detections)

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-81**
Date Sampled: **04/16/2016 0900**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/21/2016 1639	RAG		11448

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	**75-15-0**	**8260B**	**0.48**	**J**	**1.0**	**0.45**	**ug/L**	**1**
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-81**
Date Sampled: **04/16/2016 0900**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/21/2016 1639	RAG		11448

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		101	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: **MW-81**
Date Sampled: **04/16/2016 0900**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2016 1658	NCM	04/19/2016 0855	11192

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	**7440-36-0**	**6010C**	**0.0076**	**J**	**0.020**	**0.0066**	**mg/L**	**1**
Arsenic	**7440-38-2**	**6010C**	**0.0070**	**J**	**0.015**	**0.0022**	**mg/L**	**1**
Barium	**7440-39-3**	**6010C**	**1.0**		**0.025**	**0.0019**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0050	0.00022	mg/L	1
Cadmium	**7440-43-9**	**6010C**	**0.00080**	**J**	**0.0050**	**0.00054**	**mg/L**	**1**
Chromium	**7440-47-3**	**6010C**	**0.23**		**0.010**	**0.00072**	**mg/L**	**1**
Cobalt	**7440-48-4**	**6010C**	**0.053**		**0.025**	**0.0013**	**mg/L**	**1**
Copper	**7440-50-8**	**6010C**	**0.66**		**0.010**	**0.0018**	**mg/L**	**1**
Lead	**7439-92-1**	**6010C**	**0.10**		**0.010**	**0.0047**	**mg/L**	**1**
Nickel	**7440-02-0**	**6010C**	**0.17**		**0.040**	**0.0028**	**mg/L**	**1**
Selenium	7782-49-2	6010C	ND		0.020	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.010	0.0021	mg/L	1
Vanadium	**7440-62-2**	**6010C**	**0.32**		**0.050**	**0.0026**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010C**	**0.23**		**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: **MW-81**
Date Sampled: **04/16/2016 0900**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1332	COH	04/20/2016 0919	11279

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.000036	J	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: **MW-95**
Date Sampled: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/21/2016 1701	RAG		11448

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-95**
Date Sampled: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/21/2016 1701	RAG		11448

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

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

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Description: **MW-95**
Date Sampled: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2016 1703	NCM	04/19/2016 0855	11192

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6010C	ND		0.020	0.0066	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.015	0.0022	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.036**		**0.025**	**0.0019**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0050	0.00022	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0050	0.00054	mg/L	1
Chromium	**7440-47-3**	**6010C**	**0.0032**	**J**	**0.010**	**0.00072**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	0.0013	mg/L	1
Copper	**7440-50-8**	**6010C**	**0.0023**	**J**	**0.010**	**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		0.020	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.010	0.0021	mg/L	1
Vanadium	**7440-62-2**	**6010C**	**0.0050**	**J**	**0.050**	**0.0026**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010C**	**0.028**		**0.020**	**0.0022**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **MW-95**
Date Sampled: **04/16/2016 1000**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1335	COH	04/20/2016 0919	11279

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-99**
Date Sampled: **04/16/2016 0920**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1604	SES		11616

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-99**
Date Sampled: **04/16/2016 0920**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1604	SES		11616

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

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

PQL = Practical quantitation limit
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: **MW-99**
Date Sampled: **04/16/2016 0920**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2016 1707	NCM	04/19/2016 0855	11192

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6010C	ND		0.020	0.0066	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.015	0.0022	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.15**		**0.025**	**0.0019**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0050	0.00022	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0050	0.00054	mg/L	1
Chromium	7440-47-3	6010C	ND		0.010	0.00072	mg/L	1
Cobalt	**7440-48-4**	**6010C**	**0.011**	**J**	**0.025**	**0.0013**	**mg/L**	**1**
Copper	**7440-50-8**	**6010C**	**0.0054**	**J**	**0.010**	**0.0018**	**mg/L**	**1**
Lead	7439-92-1	6010C	ND		0.010	0.0047	mg/L	1
Nickel	**7440-02-0**	**6010C**	**0.010**	**J**	**0.040**	**0.0028**	**mg/L**	**1**
Selenium	7782-49-2	6010C	ND		0.020	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.010	0.0021	mg/L	1
Vanadium	**7440-62-2**	**6010C**	**0.010**	**J**	**0.050**	**0.0026**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010C**	**0.0031**	**J**	**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: **MW-99**
Date Sampled: **04/16/2016 0920**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1338	COH	04/20/2016 0919	11279

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-102**
Date Sampled: **04/16/2016 0950**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1626	SES		11616

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-102**
Date Sampled: **04/16/2016 0950**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1626	SES		11616

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		101	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: **MW-102**
Date Sampled: **04/16/2016 0950**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2016 1711	NCM	04/19/2016 0855	11192

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6010C	ND		0.020	0.0066	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.015	0.0022	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.043**		**0.025**	**0.0019**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0050	0.00022	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0050	0.00054	mg/L	1
Chromium	**7440-47-3**	**6010C**	**0.0013**	**J**	**0.010**	**0.00072**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	0.0013	mg/L	1
Copper	7440-50-8	6010C	ND		0.010	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		0.020	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.010	0.0021	mg/L	1
Vanadium	**7440-62-2**	**6010C**	**0.015**	**J**	**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: **MW-102**
Date Sampled: **04/16/2016 0950**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1345	COH	04/20/2016 0919	11279

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-103**
Date Sampled: **04/16/2016 0945**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1649	SES		11616

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-103**
Date Sampled: **04/16/2016 0945**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1649	SES		11616

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		101	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: **MW-103**
Date Sampled: **04/16/2016 0945**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2016 1716	NCM	04/19/2016 0855	11192

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6010C	ND		0.020	0.0066	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.015	0.0022	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.15**		**0.025**	**0.0019**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0050	0.00022	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0050	0.00054	mg/L	1
Chromium	7440-47-3	6010C	ND		0.010	0.00072	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	0.0013	mg/L	1
Copper	7440-50-8	6010C	ND		0.010	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		0.020	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.010	0.0021	mg/L	1
Vanadium	**7440-62-2**	**6010C**	**0.012**	**J**	**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: **MW-103**
Date Sampled: **04/16/2016 0945**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1348	COH	04/20/2016 0919	11279

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18044-006**
Description: **MW-104**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 1015**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1712	SES		11616

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **MW-104**
Date Sampled: **04/16/2016 1015**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1712	SES		11616

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		105	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: **MW-104**
Date Sampled: **04/16/2016 1015**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2016 1720	NCM	04/19/2016 0855	11192

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6010C	ND		0.020	0.0066	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.015	0.0022	mg/L	1
Barium	**7440-39-3**	**6010C**	**0.13**		**0.025**	**0.0019**	**mg/L**	**1**
Beryllium	7440-41-7	6010C	ND		0.0050	0.00022	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0050	0.00054	mg/L	1
Chromium	**7440-47-3**	**6010C**	**0.00093**	**J**	**0.010**	**0.00072**	**mg/L**	**1**
Cobalt	7440-48-4	6010C	ND		0.025	0.0013	mg/L	1
Copper	7440-50-8	6010C	ND		0.010	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		0.020	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.010	0.0021	mg/L	1
Vanadium	**7440-62-2**	**6010C**	**0.013**	**J**	**0.050**	**0.0026**	**mg/L**	**1**
Zinc	**7440-66-6**	**6010C**	**0.0043**	**J**	**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: **MW-104**
Date Sampled: **04/16/2016 1015**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1350	COH	04/20/2016 0919	11279

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18044-007**
Description: **SW-3**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 0935**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1734	SES		11616

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

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18044-007**
Description: **SW-3**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 0935**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/23/2016 1734	SES		11616

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		104	70-130

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

Appendix I Metals

Client: **Enviro-Pro, P.C.**
Laboratory ID: **RD18044-007**
Description: **SW-3**
Matrix: **Aqueous**
Date Sampled: **04/16/2016 0935**
Date Received: **04/18/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2016 1725	NCM	04/19/2016 0855	11192

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Antimony	7440-36-0	6010C	ND		0.020	0.0066	mg/L	1
Arsenic	7440-38-2	6010C	ND		0.015	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		0.0050	0.00022	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.0050	0.00054	mg/L	1
Chromium	7440-47-3	6010C	ND		0.010	0.00072	mg/L	1
Cobalt	7440-48-4	6010C	ND		0.025	0.0013	mg/L	1
Copper	7440-50-8	6010C	ND		0.010	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		0.020	0.0085	mg/L	1
Silver	7440-22-4	6010C	ND		0.010	0.0021	mg/L	1
Vanadium	7440-62-2	6010C	ND		0.050	0.0026	mg/L	1
Zinc	**7440-66-6**	**6010C**	**0.0026**	**J**	**0.020**	**0.0022**	**mg/L**	**1**

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

CVAA

Client: **Enviro-Pro, P.C.**
Description: **SW-3**
Date Sampled: **04/16/2016 0935**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7470A	7470A	1	04/20/2016 1353	COH	04/20/2016 0919	11279

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

PQL = Practical quantitation limit
B = Detected in the method blank
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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: **TRIP BLANK**
Date Sampled: **04/16/2016**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/21/2016 1144	RAG		11448

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	1.6	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	0.62	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.45	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.23	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.35	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.19	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1
Carbon disulfide	**75-15-0**	**8260B**	**0.51**	**J**	**1.0**	**0.45**	**ug/L**	**1**
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.31	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.20	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.28	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.21	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.57	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.23	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.17	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.26	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	1.4	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.46	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.19	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.19	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.23	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.31	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.20	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.29	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.30	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.22	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.21	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.26	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	0.28	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.29	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.42	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.13	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.19	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.13	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.22	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	0.57	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.24	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.24	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.22	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.16	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.74	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Description: **TRIP BLANK**
Date Sampled: **04/16/2016**
Date Received: **04/18/2016**

Laboratory ID: **RD18044-008**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/21/2016 1144	RAG		11448

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		101	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

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ11448-001
Batch: 11448
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	1.6	ug/L	04/21/2016 1006
Acrylonitrile	ND		1	20	0.62	ug/L	04/21/2016 1006
Benzene	ND		1	1.0	0.21	ug/L	04/21/2016 1006
Bromochloromethane	ND		1	1.0	0.45	ug/L	04/21/2016 1006
Bromodichloromethane	ND		1	1.0	0.23	ug/L	04/21/2016 1006
Bromoform	ND		1	1.0	0.35	ug/L	04/21/2016 1006
Bromomethane (Methyl bromide)	ND		1	2.0	0.19	ug/L	04/21/2016 1006
2-Butanone (MEK)	ND		1	10	1.8	ug/L	04/21/2016 1006
Carbon disulfide	ND		1	1.0	0.45	ug/L	04/21/2016 1006
Carbon tetrachloride	ND		1	1.0	0.31	ug/L	04/21/2016 1006
Chlorobenzene	ND		1	1.0	0.20	ug/L	04/21/2016 1006
Chloroethane	ND		1	2.0	0.28	ug/L	04/21/2016 1006
Chloroform	ND		1	1.0	0.21	ug/L	04/21/2016 1006
Chloromethane (Methyl chloride)	ND		1	1.0	0.19	ug/L	04/21/2016 1006
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	0.57	ug/L	04/21/2016 1006
Dibromochloromethane	ND		1	1.0	0.23	ug/L	04/21/2016 1006
1,2-Dibromoethane (EDB)	ND		1	1.0	0.17	ug/L	04/21/2016 1006
Dibromomethane (Methylene bromide)	ND		1	1.0	0.26	ug/L	04/21/2016 1006
trans-1,4-Dichloro-2-butene	ND		1	2.0	1.4	ug/L	04/21/2016 1006
1,2-Dichlorobenzene	ND		1	1.0	0.46	ug/L	04/21/2016 1006
1,4-Dichlorobenzene	ND		1	1.0	0.19	ug/L	04/21/2016 1006
1,1-Dichloroethane	ND		1	1.0	0.19	ug/L	04/21/2016 1006
1,2-Dichloroethane	ND		1	1.0	0.23	ug/L	04/21/2016 1006
trans-1,2-Dichloroethene	ND		1	1.0	0.33	ug/L	04/21/2016 1006
1,1-Dichloroethene	ND		1	1.0	0.31	ug/L	04/21/2016 1006
cis-1,2-Dichloroethene	ND		1	1.0	0.20	ug/L	04/21/2016 1006
1,2-Dichloropropane	ND		1	1.0	0.29	ug/L	04/21/2016 1006
cis-1,3-Dichloropropene	ND		1	1.0	0.30	ug/L	04/21/2016 1006
trans-1,3-Dichloropropene	ND		1	1.0	0.22	ug/L	04/21/2016 1006
Ethylbenzene	ND		1	1.0	0.21	ug/L	04/21/2016 1006
2-Hexanone	ND		1	10	0.26	ug/L	04/21/2016 1006
Methyl iodide (Iodomethane)	ND		1	5.0	0.28	ug/L	04/21/2016 1006
4-Methyl-2-pentanone	ND		1	10	0.29	ug/L	04/21/2016 1006
Methylene chloride	ND		1	1.0	0.42	ug/L	04/21/2016 1006
Styrene	ND		1	1.0	0.13	ug/L	04/21/2016 1006
1,1,1,2-Tetrachloroethane	ND		1	1.0	0.19	ug/L	04/21/2016 1006
1,1,2,2-Tetrachloroethane	ND		1	1.0	0.13	ug/L	04/21/2016 1006
Tetrachloroethene	ND		1	1.0	0.22	ug/L	04/21/2016 1006
Tetrahydrofuran	ND		1	5.0	0.57	ug/L	04/21/2016 1006
Toluene	ND		1	1.0	0.24	ug/L	04/21/2016 1006
1,1,2-Trichloroethane	ND		1	1.0	0.22	ug/L	04/21/2016 1006
1,1,1-Trichloroethane	ND		1	1.0	0.24	ug/L	04/21/2016 1006
Trichloroethene	ND		1	1.0	0.16	ug/L	04/21/2016 1006
Trichlorofluoromethane	ND		1	1.0	0.74	ug/L	04/21/2016 1006

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: RQ11448-001
Batch: 11448
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,2,3-Trichloropropane	ND		1	1.0	0.35	ug/L	04/21/2016 1006
Vinyl acetate	ND		1	5.0	1.0	ug/L	04/21/2016 1006
Vinyl chloride	ND		1	1.0	0.50	ug/L	04/21/2016 1006
Xylenes (total)	ND		1	1.0	0.32	ug/L	04/21/2016 1006

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		98	70-130
Toluene-d8		102	70-130

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

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ11448-002
Batch: 11448
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	73		1	73	60-140	04/21/2016 0912
Acrylonitrile	100	94		1	94	70-130	04/21/2016 0912
Benzene	50	48		1	95	70-130	04/21/2016 0912
Bromochloromethane	50	51		1	102	70-130	04/21/2016 0912
Bromodichloromethane	50	50		1	100	70-130	04/21/2016 0912
Bromoform	50	51		1	101	70-130	04/21/2016 0912
Bromomethane (Methyl bromide)	50	46		1	93	60-140	04/21/2016 0912
2-Butanone (MEK)	100	84		1	84	60-140	04/21/2016 0912
Carbon disulfide	50	54		1	109	60-140	04/21/2016 0912
Carbon tetrachloride	50	56		1	112	70-130	04/21/2016 0912
Chlorobenzene	50	49		1	97	70-130	04/21/2016 0912
Chloroethane	50	47		1	94	60-140	04/21/2016 0912
Chloroform	50	49		1	98	70-130	04/21/2016 0912
Chloromethane (Methyl chloride)	50	40		1	79	60-140	04/21/2016 0912
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	84	70-130	04/21/2016 0912
Dibromochloromethane	50	52		1	104	70-130	04/21/2016 0912
1,2-Dibromoethane (EDB)	50	48		1	95	70-130	04/21/2016 0912
Dibromomethane (Methylene bromide)	50	47		1	94	70-130	04/21/2016 0912
trans-1,4-Dichloro-2-butene	50	58		1	117	34-142	04/21/2016 0912
1,2-Dichlorobenzene	50	49		1	99	70-130	04/21/2016 0912
1,4-Dichlorobenzene	50	46		1	92	70-130	04/21/2016 0912
1,1-Dichloroethane	50	50		1	101	70-130	04/21/2016 0912
1,2-Dichloroethane	50	48		1	95	70-130	04/21/2016 0912
trans-1,2-Dichloroethene	50	50		1	100	70-130	04/21/2016 0912
1,1-Dichloroethene	50	53		1	105	70-130	04/21/2016 0912
cis-1,2-Dichloroethene	50	48		1	96	70-130	04/21/2016 0912
1,2-Dichloropropane	50	48		1	95	70-130	04/21/2016 0912
cis-1,3-Dichloropropene	50	50		1	101	70-130	04/21/2016 0912
trans-1,3-Dichloropropene	50	50		1	99	70-130	04/21/2016 0912
Ethylbenzene	50	50		1	99	70-130	04/21/2016 0912
2-Hexanone	100	100		1	101	60-140	04/21/2016 0912
Methyl iodide (Iodomethane)	50	50		1	99	70-130	04/21/2016 0912
4-Methyl-2-pentanone	100	97		1	97	60-140	04/21/2016 0912
Methylene chloride	50	50		1	99	70-130	04/21/2016 0912
Styrene	50	50		1	100	70-130	04/21/2016 0912
1,1,1,2-Tetrachloroethane	50	51		1	103	70-130	04/21/2016 0912
1,1,2,2-Tetrachloroethane	50	44		1	88	60-140	04/21/2016 0912
Tetrachloroethene	50	53		1	105	70-130	04/21/2016 0912
Tetrahydrofuran	50	44		1	87	70-130	04/21/2016 0912
Toluene	50	49		1	98	70-130	04/21/2016 0912
1,1,2-Trichloroethane	50	46		1	92	70-130	04/21/2016 0912
1,1,1-Trichloroethane	50	51		1	101	70-130	04/21/2016 0912
Trichloroethene	50	49		1	98	70-130	04/21/2016 0912
Trichlorofluoromethane	50	54		1	108	70-130	04/21/2016 0912

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

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ11448-002
Batch: 11448
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	50	46		1	92	70-130	04/21/2016 0912
Vinyl acetate	50	46		1	92	60-140	04/21/2016 0912
Vinyl chloride	50	46		1	93	70-130	04/21/2016 0912
Xylenes (total)	100	100		1	102	70-130	04/21/2016 0912

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		103	70-130

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

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

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ11616-001
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	1.6	ug/L	04/23/2016 1141
Acrylonitrile	ND		1	20	0.62	ug/L	04/23/2016 1141
Benzene	ND		1	1.0	0.21	ug/L	04/23/2016 1141
Bromochloromethane	ND		1	1.0	0.45	ug/L	04/23/2016 1141
Bromodichloromethane	ND		1	1.0	0.23	ug/L	04/23/2016 1141
Bromoform	ND		1	1.0	0.35	ug/L	04/23/2016 1141
Bromomethane (Methyl bromide)	ND		1	2.0	0.19	ug/L	04/23/2016 1141
2-Butanone (MEK)	ND		1	10	1.8	ug/L	04/23/2016 1141
Carbon disulfide	ND		1	1.0	0.45	ug/L	04/23/2016 1141
Carbon tetrachloride	ND		1	1.0	0.31	ug/L	04/23/2016 1141
Chlorobenzene	ND		1	1.0	0.20	ug/L	04/23/2016 1141
Chloroethane	ND		1	2.0	0.28	ug/L	04/23/2016 1141
Chloroform	ND		1	1.0	0.21	ug/L	04/23/2016 1141
Chloromethane (Methyl chloride)	ND		1	1.0	0.19	ug/L	04/23/2016 1141
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	0.57	ug/L	04/23/2016 1141
Dibromochloromethane	ND		1	1.0	0.23	ug/L	04/23/2016 1141
1,2-Dibromoethane (EDB)	ND		1	1.0	0.17	ug/L	04/23/2016 1141
Dibromomethane (Methylene bromide)	ND		1	1.0	0.26	ug/L	04/23/2016 1141
trans-1,4-Dichloro-2-butene	ND		1	2.0	1.4	ug/L	04/23/2016 1141
1,2-Dichlorobenzene	ND		1	1.0	0.46	ug/L	04/23/2016 1141
1,4-Dichlorobenzene	ND		1	1.0	0.19	ug/L	04/23/2016 1141
1,2-Dichloroethane	ND		1	1.0	0.23	ug/L	04/23/2016 1141
1,1-Dichloroethane	ND		1	1.0	0.19	ug/L	04/23/2016 1141
trans-1,2-Dichloroethene	ND		1	1.0	0.33	ug/L	04/23/2016 1141
cis-1,2-Dichloroethene	ND		1	1.0	0.20	ug/L	04/23/2016 1141
1,1-Dichloroethene	ND		1	1.0	0.31	ug/L	04/23/2016 1141
1,2-Dichloropropane	ND		1	1.0	0.29	ug/L	04/23/2016 1141
cis-1,3-Dichloropropene	ND		1	1.0	0.30	ug/L	04/23/2016 1141
trans-1,3-Dichloropropene	ND		1	1.0	0.22	ug/L	04/23/2016 1141
Ethylbenzene	ND		1	1.0	0.21	ug/L	04/23/2016 1141
2-Hexanone	ND		1	10	0.26	ug/L	04/23/2016 1141
Methyl iodide (Iodomethane)	ND		1	5.0	0.28	ug/L	04/23/2016 1141
4-Methyl-2-pentanone	ND		1	10	0.29	ug/L	04/23/2016 1141
Methylene chloride	ND		1	1.0	0.42	ug/L	04/23/2016 1141
Styrene	ND		1	1.0	0.13	ug/L	04/23/2016 1141
1,1,2,2-Tetrachloroethane	ND		1	1.0	0.13	ug/L	04/23/2016 1141
1,1,1,2-Tetrachloroethane	ND		1	1.0	0.19	ug/L	04/23/2016 1141
Tetrachloroethene	ND		1	1.0	0.22	ug/L	04/23/2016 1141
Tetrahydrofuran	ND		1	5.0	0.57	ug/L	04/23/2016 1141
Toluene	ND		1	1.0	0.24	ug/L	04/23/2016 1141
1,1,1-Trichloroethane	ND		1	1.0	0.24	ug/L	04/23/2016 1141
1,1,2-Trichloroethane	ND		1	1.0	0.22	ug/L	04/23/2016 1141
Trichloroethene	ND		1	1.0	0.16	ug/L	04/23/2016 1141
Trichlorofluoromethane	ND		1	1.0	0.74	ug/L	04/23/2016 1141

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

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

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ11616-001
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,2,3-Trichloropropane	ND		1	1.0	0.35	ug/L	04/23/2016 1141
Vinyl acetate	ND		1	5.0	1.0	ug/L	04/23/2016 1141
Vinyl chloride	ND		1	1.0	0.50	ug/L	04/23/2016 1141
Xylenes (total)	ND		1	1.0	0.32	ug/L	04/23/2016 1141

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

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

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ11616-002
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	80		1	80	60-140	04/23/2016 1008
Acrylonitrile	100	93		1	93	70-130	04/23/2016 1008
Benzene	50	47		1	94	70-130	04/23/2016 1008
Bromochloromethane	50	50		1	100	70-130	04/23/2016 1008
Bromodichloromethane	50	50		1	99	70-130	04/23/2016 1008
Bromoform	50	48		1	95	70-130	04/23/2016 1008
Bromomethane (Methyl bromide)	50	48		1	95	60-140	04/23/2016 1008
2-Butanone (MEK)	100	84		1	84	60-140	04/23/2016 1008
Carbon disulfide	50	53		1	106	60-140	04/23/2016 1008
Carbon tetrachloride	50	56		1	112	70-130	04/23/2016 1008
Chlorobenzene	50	47		1	94	70-130	04/23/2016 1008
Chloroethane	50	48		1	95	60-140	04/23/2016 1008
Chloroform	50	49		1	98	70-130	04/23/2016 1008
Chloromethane (Methyl chloride)	50	40		1	80	60-140	04/23/2016 1008
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	83	70-130	04/23/2016 1008
Dibromochloromethane	50	49		1	99	70-130	04/23/2016 1008
1,2-Dibromoethane (EDB)	50	44		1	89	70-130	04/23/2016 1008
Dibromomethane (Methylene bromide)	50	47		1	95	70-130	04/23/2016 1008
trans-1,4-Dichloro-2-butene	50	54		1	107	34-142	04/23/2016 1008
1,2-Dichlorobenzene	50	48		1	96	70-130	04/23/2016 1008
1,4-Dichlorobenzene	50	45		1	90	70-130	04/23/2016 1008
1,2-Dichloroethane	50	47		1	95	70-130	04/23/2016 1008
1,1-Dichloroethane	50	51		1	101	70-130	04/23/2016 1008
trans-1,2-Dichloroethene	50	50		1	99	70-130	04/23/2016 1008
cis-1,2-Dichloroethene	50	48		1	95	70-130	04/23/2016 1008
1,1-Dichloroethene	50	51		1	101	70-130	04/23/2016 1008
1,2-Dichloropropane	50	47		1	94	70-130	04/23/2016 1008
cis-1,3-Dichloropropene	50	48		1	96	70-130	04/23/2016 1008
trans-1,3-Dichloropropene	50	46		1	93	70-130	04/23/2016 1008
Ethylbenzene	50	49		1	97	70-130	04/23/2016 1008
2-Hexanone	100	96		1	96	60-140	04/23/2016 1008
Methyl iodide (Iodomethane)	50	49		1	99	70-130	04/23/2016 1008
4-Methyl-2-pentanone	100	93		1	93	60-140	04/23/2016 1008
Methylene chloride	50	49		1	98	70-130	04/23/2016 1008
Styrene	50	48		1	96	70-130	04/23/2016 1008
1,1,2,2-Tetrachloroethane	50	43		1	85	60-140	04/23/2016 1008
1,1,1,2-Tetrachloroethane	50	51		1	103	70-130	04/23/2016 1008
Tetrachloroethene	50	51		1	102	70-130	04/23/2016 1008
Tetrahydrofuran	50	42		1	84	70-130	04/23/2016 1008
Toluene	50	48		1	97	70-130	04/23/2016 1008
1,1,1-Trichloroethane	50	51		1	103	70-130	04/23/2016 1008
1,1,2-Trichloroethane	50	44		1	89	70-130	04/23/2016 1008
Trichloroethene	50	49		1	97	70-130	04/23/2016 1008
Trichlorofluoromethane	50	54		1	108	70-130	04/23/2016 1008

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

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

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ11616-002
Batch: 11616
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	50	43		1	86	70-130	04/23/2016 1008
Vinyl acetate	50	45		1	91	60-140	04/23/2016 1008
Vinyl chloride	50	50		1	100	70-130	04/23/2016 1008
Xylenes (total)	100	100		1	102	70-130	04/23/2016 1008

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

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

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

Appendix I Metals - MB

Sample ID: RQ11192-001
Batch: 11192
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/19/2016 855

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Antimony	ND		1	0.020	0.0066	mg/L	04/19/2016 1614
Arsenic	ND		1	0.015	0.0022	mg/L	04/19/2016 1614
Barium	ND		1	0.025	0.0019	mg/L	04/19/2016 1614
Beryllium	ND		1	0.0050	0.00022	mg/L	04/19/2016 1614
Cadmium	ND		1	0.0050	0.00054	mg/L	04/19/2016 1614
Chromium	ND		1	0.010	0.00072	mg/L	04/19/2016 1614
Cobalt	ND		1	0.025	0.0013	mg/L	04/19/2016 1614
Copper	ND		1	0.010	0.0018	mg/L	04/19/2016 1614
Lead	ND		1	0.010	0.0047	mg/L	04/19/2016 1614
Nickel	ND		1	0.040	0.0028	mg/L	04/19/2016 1614
Selenium	ND		1	0.020	0.0085	mg/L	04/19/2016 1614
Silver	ND		1	0.010	0.0021	mg/L	04/19/2016 1614
Vanadium	ND		1	0.050	0.0026	mg/L	04/19/2016 1614
Zinc	ND		1	0.020	0.0022	mg/L	04/19/2016 1614

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: RQ11192-002
Batch: 11192
Analytical Method: 6010C

Matrix: Aqueous
Prep Method: 3005A
Prep Date: 04/19/2016 855

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Antimony	0.40	0.41		1	102	80-120	04/19/2016 1619
Arsenic	0.40	0.39		1	98	80-120	04/19/2016 1619
Barium	2.0	2.0		1	101	80-120	04/19/2016 1619
Beryllium	2.0	2.0		1	99	80-120	04/19/2016 1619
Cadmium	0.40	0.38		1	94	80-120	04/19/2016 1619
Chromium	2.0	1.9		1	96	80-120	04/19/2016 1619
Cobalt	2.0	1.9		1	96	80-120	04/19/2016 1619
Copper	2.0	2.0		1	101	80-120	04/19/2016 1619
Lead	0.40	0.41		1	103	80-120	04/19/2016 1619
Nickel	2.0	2.0		1	101	80-120	04/19/2016 1619
Selenium	0.40	0.40		1	101	80-120	04/19/2016 1619
Silver	0.40	0.39		1	97	80-120	04/19/2016 1619
Vanadium	2.0	2.0		1	102	80-120	04/19/2016 1619
Zinc	2.0	1.9		1	96	80-120	04/19/2016 1619

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

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

CVAA - MB

Sample ID: RQ11279-001
Batch: 11279
Analytical Method: 7470A

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

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

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

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

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

CVAA - LCS

Sample ID: RQ11279-002
Batch: 11279
Analytical Method: 7470A

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

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

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

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

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

SHEALY ENVIRONMENTAL SERVICES, INC.

Chain of Custody Record

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

Number 60127

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Telephone No. / E-mail: 803-547-4955	Quote No.
Address: 2646 Farmlake Ln.	Sampler's Signature: x T. Bolyard	Analysis (Attach list if more space is needed)	Page 1 of 1
City: Ft. Mill; State: SC; Zip Code: 29708	Printed Name: T. Bolyard		RD18044
Project Name: Hwy 49 C&D - Exp. Area I			
Project No.: EP-1271	P.O. No.		

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	App I VOCs + THF	App I Metals + Hg	Remarks / Cooler I.D.
MW-81	4/16/16	9:00	G	X					1	3			✓	✓	Use Lower Level
MW-95		10:00	G	X					1	3			✓	✓	Detection Limits;
MW-99		9:20	G	X					1	3			✓	✓	Send EDD
MW-102		9:50	G	X					1	3			✓	✓	
MW-103		9:45	G	X					1	3			✓	✓	
MW-104		10:15	G	X					1	3			✓	✓	
SW-3		9:35	G	X					1	3			✓	✓	
Trip Blank				X						2			✓		

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

Sample Disposal ☐ Return to Client ☑ Disposal by Lab

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

QC Requirements (Specify)

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

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

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

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

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

APPENDIX B

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

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

DEVELOP:
PURGING: ✓
SAMPLING: ✓

PROJECT NO.: EP-1271
PROJ. MGR.: TMB
CHECKED BY:
PREPARED BY: TMB

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-81	4-16-16	9:00	60		39.41		20.6	3.4	10.0				
	MW-95	"	10:00	37		22.1		14.9	2.4	7.2				
	MW-99	"	9:20	26		8.25		17.75	3.0	9.0				
	MW-102	"	9:50	37		11.07		25.93	4.2	12.0				
	MW-103	"	9:45	25		9.44		15.56	2.5	7.5				
	MW-104	"	10:15	72		59.80		12.20	2.0	6.0				
	SW-3	"	9:35	—	—	—	—	—	—	—				

Comments:

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

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