

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
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Laboratory Job ID: 500-166745-1

Client Project/Site: Rock River Sediment Removal, Janesville

For:

EnviroAnalytics Group LLC
1515 Des Peres Rd.
Suite 300
Saint Louis, Missouri 63131

Attn: Mr. Daniel Dunn



Authorized for release by:
7/19/2019 4:06:13 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Job ID: 500-166745-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-166745-1

Comments

No additional comments.

Receipt

The samples were received on 7/16/2019 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3° C.

GC/MS Semi VOA

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: Soil Sample #5 (500-166745-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8082A: The following samples required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: Soil Sample #4 (500-166745-1) and Soil Sample #5 (500-166745-2). The reagent lot number used was: 190938.

Method(s) 8082A: The following samples were diluted due to the nature of the sample matrix: Soil Sample #4 (500-166745-1) and Soil Sample #5 (500-166745-2). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: DCB Decachlorobiphenyl surrogate recovery for the following samples were outside the upper control limit: Soil Sample #4 (500-166745-1) and Soil Sample #5 (500-166745-2). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Client Sample ID: Soil Sample #4

Lab Sample ID: 500-166745-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.039	J	0.087	0.016	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.018	J	0.087	0.012	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.12		0.087	0.015	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.28		0.087	0.012	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.29		0.087	0.017	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.41		0.087	0.019	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.12		0.087	0.028	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.18		0.087	0.026	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.44		0.087	0.024	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.028	J	0.087	0.017	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.44		0.087	0.016	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.056	J	0.087	0.012	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.13		0.087	0.023	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.19		0.087	0.013	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.42		0.087	0.012	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.54		0.087	0.017	mg/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene	0.18		0.18	0.021	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.33		0.18	0.016	mg/Kg	1	☼	8270D	Total/NA
Arsenic	3.1		1.0	0.34	mg/Kg	1	☼	6010B	Total/NA
Barium	190		1.0	0.11	mg/Kg	1	☼	6010B	Total/NA
Cadmium	2.4	B	0.20	0.036	mg/Kg	1	☼	6010B	Total/NA
Chromium	25		1.0	0.49	mg/Kg	1	☼	6010B	Total/NA
Lead	600		0.50	0.23	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.2	B	1.0	0.59	mg/Kg	1	☼	6010B	Total/NA
Silver	0.84		0.50	0.13	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.0091	J	0.050	0.0020	mg/L	1		6020A	ASTM Leach
Lead	0.0040	J	0.050	0.0020	mg/L	1		6020A	ASTM Leach
Mercury	2.6		0.082	0.027	mg/Kg	5	☼	7471B	Total/NA

Client Sample ID: Soil Sample #5

Lab Sample ID: 500-166745-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.13	J	0.23	0.041	mg/Kg	5	☼	8270D	Total/NA
Acenaphthylene	0.075	J	0.23	0.030	mg/Kg	5	☼	8270D	Total/NA
Anthracene	0.28		0.23	0.038	mg/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	0.84		0.23	0.031	mg/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	0.84		0.23	0.045	mg/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	1.1		0.23	0.050	mg/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.38		0.23	0.074	mg/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.41		0.23	0.068	mg/Kg	5	☼	8270D	Total/NA
Chrysene	0.97		0.23	0.063	mg/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.11	J	0.23	0.044	mg/Kg	5	☼	8270D	Total/NA
Fluoranthene	1.9		0.23	0.043	mg/Kg	5	☼	8270D	Total/NA
Fluorene	0.17	J	0.23	0.032	mg/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.40		0.23	0.060	mg/Kg	5	☼	8270D	Total/NA
Naphthalene	0.12	J	0.23	0.035	mg/Kg	5	☼	8270D	Total/NA
Phenanthrene	1.2		0.23	0.032	mg/Kg	5	☼	8270D	Total/NA
Pyrene	1.5		0.23	0.046	mg/Kg	5	☼	8270D	Total/NA
1-Methylnaphthalene	0.099	J	0.46	0.056	mg/Kg	5	☼	8270D	Total/NA
2-Methylnaphthalene	0.17	J	0.46	0.042	mg/Kg	5	☼	8270D	Total/NA
Arsenic	4.7		1.2	0.41	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Client Sample ID: Soil Sample #5 (Continued)

Lab Sample ID: 500-166745-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Barium	430		1.2	0.14	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.5	B	0.24	0.043	mg/Kg	1	☼	6010B	Total/NA
Chromium	130		1.2	0.59	mg/Kg	1	☼	6010B	Total/NA
Lead	570		0.60	0.28	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.5	B	1.2	0.70	mg/Kg	1	☼	6010B	Total/NA
Silver	0.92		0.60	0.15	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.0049	J	0.050	0.0020	mg/L	1		6020A	ASTM Leach
Lead	0.0073	J	0.050	0.0020	mg/L	1		6020A	ASTM Leach
Mercury	1.9		0.11	0.038	mg/Kg	5	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
6020A	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI
7471B	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3010A	Preparation, Total Metals	SW846	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CHI
3541	Automated Soxhlet Extraction	SW846	TAL CHI
7470A	Preparation, Mercury	SW846	TAL CHI
7471B	Preparation, Mercury	SW846	TAL CHI
D3987-85	ASTM Leaching Procedure	ASTM	TAL CHI

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-166745-1	Soil Sample #4	Solid	07/15/19 00:00	07/16/19 10:20	
500-166745-2	Soil Sample #5	Solid	07/15/19 00:00	07/16/19 10:20	

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Client Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Client Sample ID: Soil Sample #4

Lab Sample ID: 500-166745-1

Date Collected: 07/15/19 00:00

Matrix: Solid

Date Received: 07/16/19 10:20

Percent Solids: 98.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.039	J	0.087	0.016	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Acenaphthylene	0.018	J	0.087	0.012	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Anthracene	0.12		0.087	0.015	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Benzo[a]anthracene	0.28		0.087	0.012	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Benzo[a]pyrene	0.29		0.087	0.017	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Benzo[b]fluoranthene	0.41		0.087	0.019	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Benzo[g,h,i]perylene	0.12		0.087	0.028	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Benzo[k]fluoranthene	0.18		0.087	0.026	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Chrysene	0.44		0.087	0.024	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Dibenz(a,h)anthracene	0.028	J	0.087	0.017	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Fluoranthene	0.44		0.087	0.016	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Fluorene	0.056	J	0.087	0.012	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Indeno[1,2,3-cd]pyrene	0.13		0.087	0.023	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Naphthalene	0.19		0.087	0.013	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Phenanthrene	0.42		0.087	0.012	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
Pyrene	0.54		0.087	0.017	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
1-Methylnaphthalene	0.18		0.18	0.021	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1
2-Methylnaphthalene	0.33		0.18	0.016	mg/Kg	☼	07/16/19 17:12	07/17/19 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	91		37 - 147	07/16/19 17:12	07/17/19 13:20	1
Terphenyl-d14 (Surr)	100		42 - 157	07/16/19 17:12	07/17/19 13:20	1
2-Fluorobiphenyl (Surr)	88		43 - 145	07/16/19 17:12	07/17/19 13:20	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - ASTM Leach

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.0036		0.010	0.0036	mg/L		07/17/19 14:20	07/18/19 17:10	1
Acenaphthylene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 17:10	1
Anthracene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 17:10	1
Benzo[a]anthracene	<0.00044		0.0020	0.00044	mg/L		07/17/19 14:20	07/18/19 17:10	1
Benzo[a]pyrene	<0.00056		0.0020	0.00056	mg/L		07/17/19 14:20	07/18/19 17:10	1
Benzo[b]fluoranthene	<0.00058		0.0020	0.00058	mg/L		07/17/19 14:20	07/18/19 17:10	1
Benzo[g,h,i]perylene	<0.0042		0.010	0.0042	mg/L		07/17/19 14:20	07/18/19 17:10	1
Benzo[k]fluoranthene	<0.00074		0.0020	0.00074	mg/L		07/17/19 14:20	07/18/19 17:10	1
Chrysene	<0.0014		0.0050	0.0014	mg/L		07/17/19 14:20	07/18/19 17:10	1
Dibenz(a,h)anthracene	<0.00064		0.0030	0.00064	mg/L		07/17/19 14:20	07/18/19 17:10	1
Fluoranthene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 17:10	1
Fluorene	<0.0038		0.010	0.0038	mg/L		07/17/19 14:20	07/18/19 17:10	1
Indeno[1,2,3-cd]pyrene	<0.00084		0.0020	0.00084	mg/L		07/17/19 14:20	07/18/19 17:10	1
Naphthalene	<0.0030		0.010	0.0030	mg/L		07/17/19 14:20	07/18/19 17:10	1
Phenanthrene	<0.0035		0.010	0.0035	mg/L		07/17/19 14:20	07/18/19 17:10	1
Pyrene	<0.0048		0.010	0.0048	mg/L		07/17/19 14:20	07/18/19 17:10	1
1-Methylnaphthalene	<0.0050		0.020	0.0050	mg/L		07/17/19 14:20	07/18/19 17:10	1
2-Methylnaphthalene	<0.0013		0.020	0.0013	mg/L		07/17/19 14:20	07/18/19 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	97		36 - 120	07/17/19 14:20	07/18/19 17:10	1
Terphenyl-d14 (Surr)	116		40 - 145	07/17/19 14:20	07/18/19 17:10	1
2-Fluorobiphenyl (Surr)	100		34 - 110	07/17/19 14:20	07/18/19 17:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Client Sample ID: Soil Sample #4

Lab Sample ID: 500-166745-1

Date Collected: 07/15/19 00:00

Matrix: Solid

Date Received: 07/16/19 10:20

Percent Solids: 98.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.059		0.17	0.059	mg/Kg	☼	07/17/19 07:57	07/17/19 16:10	10
PCB-1221	<0.073		0.17	0.073	mg/Kg	☼	07/17/19 07:57	07/17/19 16:10	10
PCB-1232	<0.073		0.17	0.073	mg/Kg	☼	07/17/19 07:57	07/17/19 16:10	10
PCB-1242	<0.055		0.17	0.055	mg/Kg	☼	07/17/19 07:57	07/17/19 16:10	10
PCB-1248	<0.066		0.17	0.066	mg/Kg	☼	07/17/19 07:57	07/17/19 16:10	10
PCB-1254	<0.036		0.17	0.036	mg/Kg	☼	07/17/19 07:57	07/17/19 16:10	10
PCB-1260	<0.082		0.17	0.082	mg/Kg	☼	07/17/19 07:57	07/17/19 16:10	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		49 - 129	07/17/19 07:57	07/17/19 16:10	10
DCB Decachlorobiphenyl	136	X	37 - 121	07/17/19 07:57	07/17/19 16:10	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		1.0	0.34	mg/Kg	☼	07/16/19 15:35	07/17/19 12:09	1
Barium	190		1.0	0.11	mg/Kg	☼	07/16/19 15:35	07/17/19 12:09	1
Cadmium	2.4	B	0.20	0.036	mg/Kg	☼	07/16/19 15:35	07/17/19 12:09	1
Chromium	25		1.0	0.49	mg/Kg	☼	07/16/19 15:35	07/17/19 12:09	1
Lead	600		0.50	0.23	mg/Kg	☼	07/16/19 15:35	07/17/19 12:09	1
Selenium	1.2	B	1.0	0.59	mg/Kg	☼	07/16/19 15:35	07/17/19 12:09	1
Silver	0.84		0.50	0.13	mg/Kg	☼	07/16/19 15:35	07/17/19 12:09	1

Method: 6020A - Metals (ICP/MS) - ASTM Leach

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0091	J	0.050	0.0020	mg/L		07/17/19 14:31	07/18/19 18:30	1
Barium	<0.050		0.50	0.050	mg/L		07/17/19 14:31	07/18/19 18:30	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		07/17/19 14:31	07/18/19 18:30	1
Chromium	<0.0050		0.025	0.0050	mg/L		07/17/19 14:31	07/18/19 18:30	1
Lead	0.0040	J	0.050	0.0020	mg/L		07/17/19 14:31	07/18/19 18:30	1
Selenium	<0.010		0.050	0.010	mg/L		07/17/19 14:31	07/18/19 18:30	1
Silver	<0.0050		0.025	0.0050	mg/L		07/17/19 14:31	07/18/19 18:30	1

Method: 7470A - Mercury (CVAA) - ASTM Leach

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/17/19 15:10	07/18/19 09:10	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.6		0.082	0.027	mg/Kg	☼	07/17/19 14:30	07/18/19 11:32	5

Client Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Client Sample ID: Soil Sample #5

Lab Sample ID: 500-166745-2

Date Collected: 07/15/19 00:00

Matrix: Solid

Date Received: 07/16/19 10:20

Percent Solids: 70.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.13	J	0.23	0.041	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Acenaphthylene	0.075	J	0.23	0.030	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Anthracene	0.28		0.23	0.038	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Benzo[a]anthracene	0.84		0.23	0.031	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Benzo[a]pyrene	0.84		0.23	0.045	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Benzo[b]fluoranthene	1.1		0.23	0.050	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Benzo[g,h,i]perylene	0.38		0.23	0.074	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Benzo[k]fluoranthene	0.41		0.23	0.068	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Chrysene	0.97		0.23	0.063	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Dibenz(a,h)anthracene	0.11	J	0.23	0.044	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Fluoranthene	1.9		0.23	0.043	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Fluorene	0.17	J	0.23	0.032	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Indeno[1,2,3-cd]pyrene	0.40		0.23	0.060	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Naphthalene	0.12	J	0.23	0.035	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Phenanthrene	1.2		0.23	0.032	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
Pyrene	1.5		0.23	0.046	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
1-Methylnaphthalene	0.099	J	0.46	0.056	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5
2-Methylnaphthalene	0.17	J	0.46	0.042	mg/Kg	☼	07/16/19 17:12	07/18/19 15:46	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	82		37 - 147	07/16/19 17:12	07/18/19 15:46	5
Terphenyl-d14 (Surr)	106		42 - 157	07/16/19 17:12	07/18/19 15:46	5
2-Fluorobiphenyl (Surr)	95		43 - 145	07/16/19 17:12	07/18/19 15:46	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - ASTM Leach

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.0036		0.010	0.0036	mg/L		07/17/19 14:20	07/18/19 17:38	1
Acenaphthylene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 17:38	1
Anthracene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 17:38	1
Benzo[a]anthracene	<0.00044		0.0020	0.00044	mg/L		07/17/19 14:20	07/18/19 17:38	1
Benzo[a]pyrene	<0.00056		0.0020	0.00056	mg/L		07/17/19 14:20	07/18/19 17:38	1
Benzo[b]fluoranthene	<0.00058		0.0020	0.00058	mg/L		07/17/19 14:20	07/18/19 17:38	1
Benzo[g,h,i]perylene	<0.0042		0.010	0.0042	mg/L		07/17/19 14:20	07/18/19 17:38	1
Benzo[k]fluoranthene	<0.00074		0.0020	0.00074	mg/L		07/17/19 14:20	07/18/19 17:38	1
Chrysene	<0.0014		0.0050	0.0014	mg/L		07/17/19 14:20	07/18/19 17:38	1
Dibenz(a,h)anthracene	<0.00064		0.0030	0.00064	mg/L		07/17/19 14:20	07/18/19 17:38	1
Fluoranthene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 17:38	1
Fluorene	<0.0038		0.010	0.0038	mg/L		07/17/19 14:20	07/18/19 17:38	1
Indeno[1,2,3-cd]pyrene	<0.00084		0.0020	0.00084	mg/L		07/17/19 14:20	07/18/19 17:38	1
Naphthalene	<0.0030		0.010	0.0030	mg/L		07/17/19 14:20	07/18/19 17:38	1
Phenanthrene	<0.0035		0.010	0.0035	mg/L		07/17/19 14:20	07/18/19 17:38	1
Pyrene	<0.0048		0.010	0.0048	mg/L		07/17/19 14:20	07/18/19 17:38	1
1-Methylnaphthalene	<0.0050		0.020	0.0050	mg/L		07/17/19 14:20	07/18/19 17:38	1
2-Methylnaphthalene	<0.0013		0.020	0.0013	mg/L		07/17/19 14:20	07/18/19 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	114		36 - 120	07/17/19 14:20	07/18/19 17:38	1
Terphenyl-d14 (Surr)	125		40 - 145	07/17/19 14:20	07/18/19 17:38	1
2-Fluorobiphenyl (Surr)	106		34 - 110	07/17/19 14:20	07/18/19 17:38	1

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Client Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Client Sample ID: Soil Sample #5

Lab Sample ID: 500-166745-2

Date Collected: 07/15/19 00:00

Matrix: Solid

Date Received: 07/16/19 10:20

Percent Solids: 70.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.083		0.23	0.083	mg/Kg	☼	07/17/19 07:57	07/17/19 16:26	10
PCB-1221	<0.10		0.23	0.10	mg/Kg	☼	07/17/19 07:57	07/17/19 16:26	10
PCB-1232	<0.10		0.23	0.10	mg/Kg	☼	07/17/19 07:57	07/17/19 16:26	10
PCB-1242	<0.077		0.23	0.077	mg/Kg	☼	07/17/19 07:57	07/17/19 16:26	10
PCB-1248	<0.092		0.23	0.092	mg/Kg	☼	07/17/19 07:57	07/17/19 16:26	10
PCB-1254	<0.051		0.23	0.051	mg/Kg	☼	07/17/19 07:57	07/17/19 16:26	10
PCB-1260	<0.12		0.23	0.12	mg/Kg	☼	07/17/19 07:57	07/17/19 16:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	103		49 - 129	07/17/19 07:57	07/17/19 16:26	10
DCB Decachlorobiphenyl	174	X	37 - 121	07/17/19 07:57	07/17/19 16:26	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7		1.2	0.41	mg/Kg	☼	07/16/19 15:35	07/17/19 12:25	1
Barium	430		1.2	0.14	mg/Kg	☼	07/16/19 15:35	07/17/19 12:25	1
Cadmium	1.5	B	0.24	0.043	mg/Kg	☼	07/16/19 15:35	07/17/19 12:25	1
Chromium	130		1.2	0.59	mg/Kg	☼	07/16/19 15:35	07/17/19 12:25	1
Lead	570		0.60	0.28	mg/Kg	☼	07/16/19 15:35	07/17/19 12:25	1
Selenium	1.5	B	1.2	0.70	mg/Kg	☼	07/16/19 15:35	07/17/19 12:25	1
Silver	0.92		0.60	0.15	mg/Kg	☼	07/16/19 15:35	07/17/19 12:25	1

Method: 6020A - Metals (ICP/MS) - ASTM Leach

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0049	J	0.050	0.0020	mg/L		07/17/19 14:31	07/18/19 18:34	1
Barium	<0.050		0.50	0.050	mg/L		07/17/19 14:31	07/18/19 18:34	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		07/17/19 14:31	07/18/19 18:34	1
Chromium	<0.0050		0.025	0.0050	mg/L		07/17/19 14:31	07/18/19 18:34	1
Lead	0.0073	J	0.050	0.0020	mg/L		07/17/19 14:31	07/18/19 18:34	1
Selenium	<0.010		0.050	0.010	mg/L		07/17/19 14:31	07/18/19 18:34	1
Silver	<0.0050		0.025	0.0050	mg/L		07/17/19 14:31	07/18/19 18:34	1

Method: 7470A - Mercury (CVAA) - ASTM Leach

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		07/17/19 15:10	07/18/19 09:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.9		0.11	0.038	mg/Kg	☼	07/17/19 14:30	07/18/19 11:37	5

Definitions/Glossary

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

GC/MS Semi VOA

Leach Batch: 495078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	ASTM Leach	Solid	D3987-85	
500-166745-2	Soil Sample #5	ASTM Leach	Solid	D3987-85	
LB3 500-495078/1-C	Method Blank	ASTM Leach	Solid	D3987-85	

Prep Batch: 495135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	3541	
500-166745-2	Soil Sample #5	Total/NA	Solid	3541	
MB 500-495135/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-495135/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 495220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	8270D	495135

Analysis Batch: 495235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-495135/1-A	Method Blank	Total/NA	Solid	8270D	495135
LCS 500-495135/2-A	Lab Control Sample	Total/NA	Solid	8270D	495135

Prep Batch: 495313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	ASTM Leach	Solid	3510C	495078
500-166745-2	Soil Sample #5	ASTM Leach	Solid	3510C	495078
LB3 500-495078/1-C	Method Blank	ASTM Leach	Solid	3510C	495078
MB 500-495313/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 500-495313/2-A	Lab Control Sample	Total/NA	Solid	3510C	

Analysis Batch: 495440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	ASTM Leach	Solid	8270D	495313
500-166745-2	Soil Sample #5	ASTM Leach	Solid	8270D	495313
LB3 500-495078/1-C	Method Blank	ASTM Leach	Solid	8270D	495313
MB 500-495313/1-A	Method Blank	Total/NA	Solid	8270D	495313
LCS 500-495313/2-A	Lab Control Sample	Total/NA	Solid	8270D	495313

Analysis Batch: 495452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-2	Soil Sample #5	Total/NA	Solid	8270D	495135

GC Semi VOA

Prep Batch: 495202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	3541	
500-166745-2	Soil Sample #5	Total/NA	Solid	3541	
MB 500-495202/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-495202/3-A	Lab Control Sample	Total/NA	Solid	3541	

QC Association Summary

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

GC Semi VOA

Analysis Batch: 495209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	8082A	495202
500-166745-2	Soil Sample #5	Total/NA	Solid	8082A	495202
MB 500-495202/1-A	Method Blank	Total/NA	Solid	8082A	495202
LCS 500-495202/3-A	Lab Control Sample	Total/NA	Solid	8082A	495202

Metals

Leach Batch: 495078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	ASTM Leach	Solid	D3987-85	
500-166745-2	Soil Sample #5	ASTM Leach	Solid	D3987-85	
LB3 500-495078/1-B	Method Blank	ASTM Leach	Solid	D3987-85	
LB3 500-495078/1-D	Method Blank	ASTM Leach	Solid	D3987-85	
500-166745-2 MS	Soil Sample #5	ASTM Leach	Solid	D3987-85	
500-166745-2 DU	Soil Sample #5	ASTM Leach	Solid	D3987-85	

Prep Batch: 495119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	3050B	
500-166745-2	Soil Sample #5	Total/NA	Solid	3050B	
MB 500-495119/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-495119/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 495262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	7471B	
500-166745-2	Soil Sample #5	Total/NA	Solid	7471B	
MB 500-495262/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-495262/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 495303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	6010B	495119
500-166745-2	Soil Sample #5	Total/NA	Solid	6010B	495119
MB 500-495119/1-A	Method Blank	Total/NA	Solid	6010B	495119
LCS 500-495119/2-A	Lab Control Sample	Total/NA	Solid	6010B	495119

Prep Batch: 495317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	ASTM Leach	Solid	3010A	495078
500-166745-2	Soil Sample #5	ASTM Leach	Solid	3010A	495078
LB3 500-495078/1-B	Method Blank	ASTM Leach	Solid	3010A	495078
LCS 500-495317/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-166745-2 MS	Soil Sample #5	ASTM Leach	Solid	3010A	495078
500-166745-2 DU	Soil Sample #5	ASTM Leach	Solid	3010A	495078

Prep Batch: 495326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	ASTM Leach	Solid	7470A	495078
500-166745-2	Soil Sample #5	ASTM Leach	Solid	7470A	495078
LB3 500-495078/1-D	Method Blank	ASTM Leach	Solid	7470A	495078

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QC Association Summary

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Metals (Continued)

Prep Batch: 495326 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-495326/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-495326/13-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 495474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	ASTM Leach	Solid	7470A	495326
500-166745-2	Soil Sample #5	ASTM Leach	Solid	7470A	495326
LB3 500-495078/1-D	Method Blank	ASTM Leach	Solid	7470A	495326
MB 500-495326/12-A	Method Blank	Total/NA	Solid	7470A	495326
LCS 500-495326/13-A	Lab Control Sample	Total/NA	Solid	7470A	495326

Analysis Batch: 495499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	7471B	495262
500-166745-2	Soil Sample #5	Total/NA	Solid	7471B	495262
MB 500-495262/12-A	Method Blank	Total/NA	Solid	7471B	495262
LCS 500-495262/13-A	Lab Control Sample	Total/NA	Solid	7471B	495262

Analysis Batch: 495722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	ASTM Leach	Solid	6020A	495317
500-166745-2	Soil Sample #5	ASTM Leach	Solid	6020A	495317
LB3 500-495078/1-B	Method Blank	ASTM Leach	Solid	6020A	495317
LCS 500-495317/2-A	Lab Control Sample	Total/NA	Solid	6020A	495317
500-166745-2 MS	Soil Sample #5	ASTM Leach	Solid	6020A	495317
500-166745-2 DU	Soil Sample #5	ASTM Leach	Solid	6020A	495317

General Chemistry

Analysis Batch: 495264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166745-1	Soil Sample #4	Total/NA	Solid	Moisture	
500-166745-2	Soil Sample #5	Total/NA	Solid	Moisture	

Surrogate Summary

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	NBZ (37-147)	TPHL (42-157)	FBP (43-145)
500-166745-1	Soil Sample #4	91	100	88
500-166745-2	Soil Sample #5	82	106	95
LCS 500-495135/2-A	Lab Control Sample	80	84	77
MB 500-495135/1-A	Method Blank	81	93	80

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	NBZ (36-120)	TPHL (40-145)	FBP (34-110)
LCS 500-495313/2-A	Lab Control Sample	103	110	101
MB 500-495313/1-A	Method Blank	106	117	99

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: ASTM Leach

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	NBZ (36-120)	TPHL (40-145)	FBP (34-110)
500-166745-1	Soil Sample #4	97	116	100
500-166745-2	Soil Sample #5	114	125	106
LB3 500-495078/1-C	Method Blank	92	106	82

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (49-129)	DCBP1 (37-121)
500-166745-1	Soil Sample #4	79	136 X
500-166745-2	Soil Sample #5	103	174 X
LCS 500-495202/3-A	Lab Control Sample	106	104
MB 500-495202/1-A	Method Blank	108	112

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Eurofins TestAmerica, Chicago

QC Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-495135/1-A
Matrix: Solid
Analysis Batch: 495235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495135

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.0060		0.033	0.0060	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Acenaphthylene	<0.0044		0.033	0.0044	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Anthracene	<0.0056		0.033	0.0056	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Benzo[a]anthracene	<0.0045		0.033	0.0045	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Benzo[a]pyrene	<0.0064		0.033	0.0064	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Benzo[b]fluoranthene	<0.0072		0.033	0.0072	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Benzo[k]fluoranthene	<0.0098		0.033	0.0098	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Chrysene	<0.0091		0.033	0.0091	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Dibenz(a,h)anthracene	<0.0064		0.033	0.0064	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Fluoranthene	<0.0062		0.033	0.0062	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Fluorene	<0.0047		0.033	0.0047	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Indeno[1,2,3-cd]pyrene	<0.0086		0.033	0.0086	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Naphthalene	<0.0051		0.033	0.0051	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Phenanthrene	<0.0046		0.033	0.0046	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
Pyrene	<0.0066		0.033	0.0066	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
1-Methylnaphthalene	<0.0081		0.067	0.0081	mg/Kg		07/16/19 17:12	07/17/19 14:05	1
2-Methylnaphthalene	<0.0061		0.067	0.0061	mg/Kg		07/16/19 17:12	07/17/19 14:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		37 - 147	07/16/19 17:12	07/17/19 14:05	1
Terphenyl-d14 (Surr)	93		42 - 157	07/16/19 17:12	07/17/19 14:05	1
2-Fluorobiphenyl (Surr)	80		43 - 145	07/16/19 17:12	07/17/19 14:05	1

Lab Sample ID: LCS 500-495135/2-A
Matrix: Solid
Analysis Batch: 495235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	1.33	1.08		mg/Kg		81	65 - 124
Acenaphthylene	1.33	1.11		mg/Kg		83	68 - 120
Anthracene	1.33	1.09		mg/Kg		82	70 - 114
Benzo[a]anthracene	1.33	1.15		mg/Kg		86	67 - 122
Benzo[a]pyrene	1.33	1.14		mg/Kg		86	65 - 133
Benzo[b]fluoranthene	1.33	1.13		mg/Kg		85	69 - 129
Benzo[g,h,i]perylene	1.33	1.11		mg/Kg		83	72 - 131
Benzo[k]fluoranthene	1.33	1.07		mg/Kg		80	68 - 127
Chrysene	1.33	1.13		mg/Kg		85	63 - 120
Dibenz(a,h)anthracene	1.33	1.11		mg/Kg		83	64 - 131
Fluoranthene	1.33	1.12		mg/Kg		84	62 - 120
Fluorene	1.33	1.04		mg/Kg		78	62 - 120
Indeno[1,2,3-cd]pyrene	1.33	1.14		mg/Kg		86	68 - 130
Naphthalene	1.33	1.06		mg/Kg		80	63 - 110
Phenanthrene	1.33	1.06		mg/Kg		79	62 - 120
Pyrene	1.33	1.14		mg/Kg		85	61 - 128
1-Methylnaphthalene	1.33	1.03		mg/Kg		77	68 - 111
2-Methylnaphthalene	1.33	0.994		mg/Kg		75	69 - 112

Eurolins TestAmerica, Chicago

QC Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-495135/2-A
Matrix: Solid
Analysis Batch: 495235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495135

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	80		37 - 147
Terphenyl-d14 (Surr)	84		42 - 157
2-Fluorobiphenyl (Surr)	77		43 - 145

Lab Sample ID: MB 500-495313/1-A
Matrix: Solid
Analysis Batch: 495440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495313

Analyte	MB MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	<0.00036		0.0010	0.00036	mg/L		07/17/19 14:20	07/18/19 12:11	1
Acenaphthylene	<0.00032		0.0010	0.00032	mg/L		07/17/19 14:20	07/18/19 12:11	1
Anthracene	<0.00032		0.0010	0.00032	mg/L		07/17/19 14:20	07/18/19 12:11	1
Benzo[a]anthracene	<0.000044		0.00020	0.000044	mg/L		07/17/19 14:20	07/18/19 12:11	1
Benzo[a]pyrene	<0.000056		0.00020	0.000056	mg/L		07/17/19 14:20	07/18/19 12:11	1
Benzo[b]fluoranthene	<0.000058		0.00020	0.000058	mg/L		07/17/19 14:20	07/18/19 12:11	1
Benzo[g,h,i]perylene	<0.00042		0.0010	0.00042	mg/L		07/17/19 14:20	07/18/19 12:11	1
Benzo[k]fluoranthene	<0.000074		0.00020	0.000074	mg/L		07/17/19 14:20	07/18/19 12:11	1
Chrysene	<0.00014		0.00050	0.00014	mg/L		07/17/19 14:20	07/18/19 12:11	1
Dibenz(a,h)anthracene	<0.000064		0.00030	0.000064	mg/L		07/17/19 14:20	07/18/19 12:11	1
Fluoranthene	<0.00032		0.0010	0.00032	mg/L		07/17/19 14:20	07/18/19 12:11	1
Fluorene	<0.00038		0.0010	0.00038	mg/L		07/17/19 14:20	07/18/19 12:11	1
Indeno[1,2,3-cd]pyrene	<0.000084		0.00020	0.000084	mg/L		07/17/19 14:20	07/18/19 12:11	1
Naphthalene	<0.00030		0.0010	0.00030	mg/L		07/17/19 14:20	07/18/19 12:11	1
Phenanthrene	<0.00035		0.0010	0.00035	mg/L		07/17/19 14:20	07/18/19 12:11	1
Pyrene	<0.00048		0.0010	0.00048	mg/L		07/17/19 14:20	07/18/19 12:11	1
1-Methylnaphthalene	<0.00050		0.0020	0.00050	mg/L		07/17/19 14:20	07/18/19 12:11	1
2-Methylnaphthalene	<0.00013		0.0020	0.00013	mg/L		07/17/19 14:20	07/18/19 12:11	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	106		36 - 120	07/17/19 14:20	07/18/19 12:11	1
Terphenyl-d14 (Surr)	117		40 - 145	07/17/19 14:20	07/18/19 12:11	1
2-Fluorobiphenyl (Surr)	99		34 - 110	07/17/19 14:20	07/18/19 12:11	1

Lab Sample ID: LCS 500-495313/2-A
Matrix: Solid
Analysis Batch: 495440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495313

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Acenaphthene	0.0400	0.0375		mg/L		94	46 - 110
Acenaphthylene	0.0400	0.0379		mg/L		95	47 - 110
Anthracene	0.0400	0.0416		mg/L		104	67 - 110
Benzo[a]anthracene	0.0400	0.0424		mg/L		106	70 - 120
Benzo[a]pyrene	0.0400	0.0420		mg/L		105	70 - 120
Benzo[b]fluoranthene	0.0400	0.0404		mg/L		101	69 - 123
Benzo[g,h,i]perylene	0.0400	0.0461		mg/L		115	70 - 120
Benzo[k]fluoranthene	0.0400	0.0404		mg/L		101	70 - 120
Chrysene	0.0400	0.0427		mg/L		107	68 - 120
Dibenz(a,h)anthracene	0.0400	0.0474		mg/L		118	70 - 127

Eurofins TestAmerica, Chicago

QC Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-495313/2-A
Matrix: Solid
Analysis Batch: 495440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	0.0400	0.0432		mg/L		108	68 - 120
Fluorene	0.0400	0.0376		mg/L		94	53 - 120
Indeno[1,2,3-cd]pyrene	0.0400	0.0476		mg/L		119	65 - 133
Naphthalene	0.0400	0.0345		mg/L		86	36 - 110
Phenanthrene	0.0400	0.0416		mg/L		104	65 - 120
Pyrene	0.0400	0.0418		mg/L		105	70 - 110
1-Methylnaphthalene	0.0400	0.0332		mg/L		83	38 - 110
2-Methylnaphthalene	0.0400	0.0331		mg/L		83	34 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	103		36 - 120
Terphenyl-d14 (Surr)	110		40 - 145
2-Fluorobiphenyl (Surr)	101		34 - 110

Lab Sample ID: LB3 500-495078/1-C
Matrix: Solid
Analysis Batch: 495440

Client Sample ID: Method Blank
Prep Type: ASTM Leach
Prep Batch: 495313

Analyte	LB3 Result	LB3 Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.0036		0.010	0.0036	mg/L		07/17/19 14:20	07/18/19 14:00	1
Acenaphthylene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 14:00	1
Anthracene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 14:00	1
Benzo[a]anthracene	<0.00044		0.0020	0.00044	mg/L		07/17/19 14:20	07/18/19 14:00	1
Benzo[a]pyrene	<0.00056		0.0020	0.00056	mg/L		07/17/19 14:20	07/18/19 14:00	1
Benzo[b]fluoranthene	<0.00058		0.0020	0.00058	mg/L		07/17/19 14:20	07/18/19 14:00	1
Benzo[g,h,i]perylene	<0.0042		0.010	0.0042	mg/L		07/17/19 14:20	07/18/19 14:00	1
Benzo[k]fluoranthene	<0.00074		0.0020	0.00074	mg/L		07/17/19 14:20	07/18/19 14:00	1
Chrysene	<0.0014		0.0050	0.0014	mg/L		07/17/19 14:20	07/18/19 14:00	1
Dibenz(a,h)anthracene	<0.00064		0.0030	0.00064	mg/L		07/17/19 14:20	07/18/19 14:00	1
Fluoranthene	<0.0032		0.010	0.0032	mg/L		07/17/19 14:20	07/18/19 14:00	1
Fluorene	<0.0038		0.010	0.0038	mg/L		07/17/19 14:20	07/18/19 14:00	1
Indeno[1,2,3-cd]pyrene	<0.00084		0.0020	0.00084	mg/L		07/17/19 14:20	07/18/19 14:00	1
Naphthalene	<0.0030		0.010	0.0030	mg/L		07/17/19 14:20	07/18/19 14:00	1
Phenanthrene	<0.0035		0.010	0.0035	mg/L		07/17/19 14:20	07/18/19 14:00	1
Pyrene	<0.0048		0.010	0.0048	mg/L		07/17/19 14:20	07/18/19 14:00	1
1-Methylnaphthalene	<0.0050		0.020	0.0050	mg/L		07/17/19 14:20	07/18/19 14:00	1
2-Methylnaphthalene	<0.0013		0.020	0.0013	mg/L		07/17/19 14:20	07/18/19 14:00	1

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	92		36 - 120	07/17/19 14:20	07/18/19 14:00	1
Terphenyl-d14 (Surr)	106		40 - 145	07/17/19 14:20	07/18/19 14:00	1
2-Fluorobiphenyl (Surr)	82		34 - 110	07/17/19 14:20	07/18/19 14:00	1

QC Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-495202/1-A
Matrix: Solid
Analysis Batch: 495209

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495202

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		07/17/19 07:56	07/17/19 14:53	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		07/17/19 07:56	07/17/19 14:53	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		07/17/19 07:56	07/17/19 14:53	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		07/17/19 07:56	07/17/19 14:53	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		07/17/19 07:56	07/17/19 14:53	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		07/17/19 07:56	07/17/19 14:53	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		07/17/19 07:56	07/17/19 14:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	108		49 - 129	07/17/19 07:56	07/17/19 14:53	1
DCB Decachlorobiphenyl	112		37 - 121	07/17/19 07:56	07/17/19 14:53	1

Lab Sample ID: LCS 500-495202/3-A
Matrix: Solid
Analysis Batch: 495209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495202

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	0.167	0.173		mg/Kg		104	57 - 120
PCB-1260	0.167	0.162		mg/Kg		97	61 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	106		49 - 129
DCB Decachlorobiphenyl	104		37 - 121

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-495119/1-A
Matrix: Solid
Analysis Batch: 495303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495119

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		07/16/19 15:35	07/17/19 09:54	1
Barium	<0.11		1.0	0.11	mg/Kg		07/16/19 15:35	07/17/19 09:54	1
Cadmium	0.105	J	0.20	0.036	mg/Kg		07/16/19 15:35	07/17/19 09:54	1
Chromium	<0.50		1.0	0.50	mg/Kg		07/16/19 15:35	07/17/19 09:54	1
Lead	<0.23		0.50	0.23	mg/Kg		07/16/19 15:35	07/17/19 09:54	1
Selenium	0.767	J	1.0	0.59	mg/Kg		07/16/19 15:35	07/17/19 09:54	1
Silver	<0.13		0.50	0.13	mg/Kg		07/16/19 15:35	07/17/19 09:54	1

Lab Sample ID: LCS 500-495119/2-A
Matrix: Solid
Analysis Batch: 495303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	10.0	8.99		mg/Kg		90	80 - 120
Barium	200	195		mg/Kg		97	80 - 120
Cadmium	5.00	4.69		mg/Kg		94	80 - 120
Chromium	20.0	19.4		mg/Kg		97	80 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-495119/2-A
Matrix: Solid
Analysis Batch: 495303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	10.0	9.22		mg/Kg		92	80 - 120
Selenium	10.0	8.90		mg/Kg		89	80 - 120
Silver	5.00	4.38		mg/Kg		88	80 - 120

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: LCS 500-495317/2-A
Matrix: Solid
Analysis Batch: 495722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495317

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.0992		mg/L		99	80 - 120
Barium	0.500	0.490	J	mg/L		98	80 - 120
Cadmium	0.0500	0.0489		mg/L		98	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Selenium	0.100	0.0907		mg/L		91	80 - 120
Silver	0.0500	0.0497		mg/L		99	80 - 120

Lab Sample ID: LB3 500-495078/1-B
Matrix: Solid
Analysis Batch: 495722

Client Sample ID: Method Blank
Prep Type: ASTM Leach
Prep Batch: 495317

Analyte	LB3 Result	LB3 Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0020		0.050	0.0020	mg/L		07/17/19 14:31	07/18/19 18:23	1
Barium	<0.050		0.50	0.050	mg/L		07/17/19 14:31	07/18/19 18:23	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		07/17/19 14:31	07/18/19 18:23	1
Chromium	<0.0050		0.025	0.0050	mg/L		07/17/19 14:31	07/18/19 18:23	1
Lead	<0.0020		0.050	0.0020	mg/L		07/17/19 14:31	07/18/19 18:23	1
Selenium	<0.010		0.050	0.010	mg/L		07/17/19 14:31	07/18/19 18:23	1
Silver	<0.0050		0.025	0.0050	mg/L		07/17/19 14:31	07/18/19 18:23	1

Lab Sample ID: 500-166745-2 MS
Matrix: Solid
Analysis Batch: 495722

Client Sample ID: Soil Sample #5
Prep Type: ASTM Leach
Prep Batch: 495317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0049	J	0.100	0.106		mg/L		101	75 - 125
Barium	<0.050		0.500	0.505		mg/L		101	75 - 125
Cadmium	<0.0010		0.0500	0.0498		mg/L		100	75 - 125
Chromium	<0.0050		0.200	0.207		mg/L		103	75 - 125
Lead	0.0073	J	0.100	0.106		mg/L		98	75 - 125
Selenium	<0.010		0.100	0.0915		mg/L		91	75 - 125
Silver	<0.0050		0.0500	0.0508		mg/L		102	75 - 125

QC Sample Results

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-166745-2 DU
Matrix: Solid
Analysis Batch: 495722

Client Sample ID: Soil Sample #5
Prep Type: ASTM Leach
Prep Batch: 495317

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Arsenic	0.0049	J	0.00481	J	mg/L		2	20
Barium	<0.050		<0.050		mg/L		NC	20
Cadmium	<0.0010		<0.0010		mg/L		NC	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Lead	0.0073	J	0.00709	J	mg/L		2	20
Selenium	<0.010		<0.010		mg/L		NC	20
Silver	<0.0050		<0.0050		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-495326/12-A
Matrix: Solid
Analysis Batch: 495474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495326

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020	0.00020	mg/L		07/17/19 15:10	07/18/19 08:53	1

Lab Sample ID: LCS 500-495326/13-A
Matrix: Solid
Analysis Batch: 495474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495326
%Rec.

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Mercury	0.00200	0.00186		mg/L		93	80 - 120

Lab Sample ID: LB3 500-495078/1-D
Matrix: Solid
Analysis Batch: 495474

Client Sample ID: Method Blank
Prep Type: ASTM Leach
Prep Batch: 495326

Analyte	LB3	LB3	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020	0.00020	mg/L		07/17/19 15:10	07/18/19 08:56	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-495262/12-A
Matrix: Solid
Analysis Batch: 495499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495262

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.0056		0.017	0.0056	mg/Kg		07/17/19 14:30	07/18/19 08:55	1

Lab Sample ID: LCS 500-495262/13-A
Matrix: Solid
Analysis Batch: 495499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495262
%Rec.

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Mercury	0.167	0.169		mg/Kg		101	80 - 120

Lab Chronicle

Client: EnviroAnalytics Group LLC
 Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Client Sample ID: Soil Sample #4

Lab Sample ID: 500-166745-1

Date Collected: 07/15/19 00:00

Matrix: Solid

Date Received: 07/16/19 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
ASTM Leach	Leach	D3987-85			495078	07/16/19 12:04	GCA	TAL CHI
ASTM Leach	Prep	3510C			495313	07/17/19 14:20	DAK	TAL CHI
ASTM Leach	Analysis	8270D		1	495440	07/18/19 17:10	AJD	TAL CHI
ASTM Leach	Leach	D3987-85			495078	07/16/19 12:04	GCA	TAL CHI
ASTM Leach	Prep	3010A			495317	07/17/19 14:31	BDE	TAL CHI
ASTM Leach	Analysis	6020A		1	495722	07/18/19 18:30	FXG	TAL CHI
ASTM Leach	Leach	D3987-85			495078	07/16/19 12:04	GCA	TAL CHI
ASTM Leach	Prep	7470A			495326	07/17/19 15:10	MJG	TAL CHI
ASTM Leach	Analysis	7470A		1	495474	07/18/19 09:10	MJG	TAL CHI
Total/NA	Analysis	Moisture		1	495264	07/17/19 11:09	LWN	TAL CHI

Client Sample ID: Soil Sample #4

Lab Sample ID: 500-166745-1

Date Collected: 07/15/19 00:00

Matrix: Solid

Date Received: 07/16/19 10:20

Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			495135	07/16/19 17:12	JP1	TAL CHI
Total/NA	Analysis	8270D		1	495220	07/17/19 13:20	AJD	TAL CHI
Total/NA	Prep	3541			495202	07/17/19 07:57	DX	TAL CHI
Total/NA	Analysis	8082A		10	495209	07/17/19 16:10	BJH	TAL CHI
Total/NA	Prep	3050B			495119	07/16/19 15:35	BDE	TAL CHI
Total/NA	Analysis	6010B		1	495303	07/17/19 12:09	JEF	TAL CHI
Total/NA	Prep	7471B			495262	07/17/19 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		5	495499	07/18/19 11:32	MJG	TAL CHI

Client Sample ID: Soil Sample #5

Lab Sample ID: 500-166745-2

Date Collected: 07/15/19 00:00

Matrix: Solid

Date Received: 07/16/19 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
ASTM Leach	Leach	D3987-85			495078	07/16/19 12:04	GCA	TAL CHI
ASTM Leach	Prep	3510C			495313	07/17/19 14:20	DAK	TAL CHI
ASTM Leach	Analysis	8270D		1	495440	07/18/19 17:38	AJD	TAL CHI
ASTM Leach	Leach	D3987-85			495078	07/16/19 12:04	GCA	TAL CHI
ASTM Leach	Prep	3010A			495317	07/17/19 14:31	BDE	TAL CHI
ASTM Leach	Analysis	6020A		1	495722	07/18/19 18:34	FXG	TAL CHI
ASTM Leach	Leach	D3987-85			495078	07/16/19 12:04	GCA	TAL CHI
ASTM Leach	Prep	7470A			495326	07/17/19 15:10	MJG	TAL CHI
ASTM Leach	Analysis	7470A		1	495474	07/18/19 09:12	MJG	TAL CHI
Total/NA	Analysis	Moisture		1	495264	07/17/19 11:09	LWN	TAL CHI

Lab Chronicle

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Client Sample ID: Soil Sample #5

Lab Sample ID: 500-166745-2

Date Collected: 07/15/19 00:00

Matrix: Solid

Date Received: 07/16/19 10:20

Percent Solids: 70.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			495135	07/16/19 17:12	JP1	TAL CHI
Total/NA	Analysis	8270D		5	495452	07/18/19 15:46	AJD	TAL CHI
Total/NA	Prep	3541			495202	07/17/19 07:57	DX	TAL CHI
Total/NA	Analysis	8082A		10	495209	07/17/19 16:26	BJH	TAL CHI
Total/NA	Prep	3050B			495119	07/16/19 15:35	BDE	TAL CHI
Total/NA	Analysis	6010B		1	495303	07/17/19 12:25	JEF	TAL CHI
Total/NA	Prep	7471B			495262	07/17/19 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		5	495499	07/18/19 11:37	MJG	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: EnviroAnalytics Group LLC
Project/Site: Rock River Sediment Removal, Janesville

Job ID: 500-166745-1

Laboratory: Eurofins TestAmerica, Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-19 *

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Login Sample Receipt Checklist

Client: EnviroAnalytics Group LLC

Job Number: 500-166745-1

Login Number: 166745

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

