

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
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Laboratory Job ID: 500-166966-1

Client Project/Site: Rock River Sediment Removal, Janesville

For:

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

Attn: Riley Underwood



Authorized for release by:
7/24/2019 3:28:44 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: 500-166966-1

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Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-166966-1

Comments

No additional comments.

Receipt

The samples were received on 7/19/2019 10:29 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 14.3° C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: NE Geo-Bag #3 (500-166966-1), Solid Sample #6 (500-166966-2) and Drying Bed Sample (500-166966-3). The client was contacted regarding this issue, and the laboratory was instructed to proceed with analyses.

The presence of water in the bottom of the cooler indicates the ice had melted, the temp was 14.3.

GC/MS Semi VOA

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: Drying Bed Sample (500-166966-3). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following sample contained one base surrogate outside acceptance limits: The laboratory's SOP allows one base surrogate to be outside acceptance limits; therefore, re-extraction was not performed. These results have been reported and qualified.

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: DCB Decachlorobiphenyl Surrogate recovery for the following sample was outside the upper control limit: Solid Sample #6 (500-166966-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082A: The following samples required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: Solid Sample #6 (500-166966-2) and Drying Bed Sample (500-166966-3). The reagent lot number used was: 190938.

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: 500-166966-1

Client Sample ID: NE Geo-Bag #3

Lab Sample ID: 500-166966-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.10		0.079	0.013	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.35		0.079	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.35		0.079	0.015	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.43		0.079	0.017	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.12		0.079	0.026	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.18		0.079	0.023	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.37		0.079	0.022	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.038	J	0.079	0.015	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.79		0.079	0.015	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.047	J	0.079	0.011	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.13		0.079	0.021	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.42		0.079	0.011	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.66		0.079	0.016	mg/Kg	1	☼	8270D	Total/NA
Arsenic	2.6		2.2	0.74	mg/Kg	1	☼	6010B	Total/NA
Barium	160		2.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.67	B	0.43	0.078	mg/Kg	1	☼	6010B	Total/NA
Chromium	31		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Lead	57		1.1	0.50	mg/Kg	1	☼	6010B	Total/NA
Silver	2.9		1.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.0024	J	0.050	0.0020	mg/L	1		6020A	ASTM Leach
Mercury	1.4	B	0.038	0.013	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: Solid Sample #6

Lab Sample ID: 500-166966-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.080		0.052	0.0094	mg/Kg	1	☼	8270D	Total/NA
Acenaphthylene	0.048	J	0.052	0.0069	mg/Kg	1	☼	8270D	Total/NA
Anthracene	0.26		0.052	0.0087	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	0.61		0.052	0.0070	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.57		0.052	0.010	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.82		0.052	0.011	mg/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.19		0.052	0.017	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.31		0.052	0.015	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.63		0.052	0.014	mg/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	0.068		0.052	0.010	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	1.5		0.052	0.0097	mg/Kg	1	☼	8270D	Total/NA
Fluorene	0.12		0.052	0.0073	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.21		0.052	0.014	mg/Kg	1	☼	8270D	Total/NA
Naphthalene	0.13		0.052	0.0080	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.80		0.052	0.0073	mg/Kg	1	☼	8270D	Total/NA
Pyrene	1.1		0.052	0.010	mg/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene	0.16		0.11	0.013	mg/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	0.22		0.11	0.0096	mg/Kg	1	☼	8270D	Total/NA
Arsenic	2.2		1.4	0.48	mg/Kg	1	☼	6010B	Total/NA
Barium	100		1.4	0.16	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.41	B	0.28	0.051	mg/Kg	1	☼	6010B	Total/NA
Chromium	17		1.4	0.70	mg/Kg	1	☼	6010B	Total/NA
Lead	96		0.71	0.33	mg/Kg	1	☼	6010B	Total/NA
Silver	1.4		0.71	0.18	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.0038	J	0.050	0.0020	mg/L	1		6020A	ASTM Leach
Mercury	1.9	B	0.12	0.040	mg/Kg	5	☼	7471B	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: 500-166966-1

Client Sample ID: Drying Bed Sample

Lab Sample ID: 500-166966-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.13	J	0.27	0.049	mg/Kg	5	☼	8270D	Total/NA
Anthracene	0.32		0.27	0.045	mg/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	0.71		0.27	0.037	mg/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	0.66		0.27	0.053	mg/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.92		0.27	0.059	mg/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	0.19	J	0.27	0.088	mg/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.60		0.27	0.080	mg/Kg	5	☼	8270D	Total/NA
Chrysene	0.98		0.27	0.074	mg/Kg	5	☼	8270D	Total/NA
Fluoranthene	1.8		0.27	0.050	mg/Kg	5	☼	8270D	Total/NA
Fluorene	0.088	J	0.27	0.038	mg/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.24	J	0.27	0.070	mg/Kg	5	☼	8270D	Total/NA
Phenanthrene	1.1		0.27	0.038	mg/Kg	5	☼	8270D	Total/NA
Pyrene	1.5		0.27	0.054	mg/Kg	5	☼	8270D	Total/NA
Arsenic	2.9		1.5	0.52	mg/Kg	1	☼	6010B	Total/NA
Barium	96		1.5	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.48	B	0.30	0.055	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.5	0.75	mg/Kg	1	☼	6010B	Total/NA
Lead	190		0.76	0.35	mg/Kg	1	☼	6010B	Total/NA
Silver	1.4		0.76	0.20	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.0036	J	0.050	0.0020	mg/L	1		6020A	ASTM Leach
Mercury	0.29	B	0.026	0.0087	mg/Kg	1	☼	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: 500-166966-1

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: 500-166966-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-166966-1	NE Geo-Bag #3	Solid	07/18/19 00:00	07/19/19 10:29	
500-166966-2	Solid Sample #6	Solid	07/18/19 00:00	07/19/19 10:29	
500-166966-3	Drying Bed Sample	Solid	07/18/19 00:00	07/19/19 10:29	

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Client Sample Results

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

Job ID: 500-166966-1

Client Sample ID: NE Geo-Bag #3

Lab Sample ID: 500-166966-1

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 41.6

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.014		0.079	0.014	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Acenaphthylene	<0.010		0.079	0.010	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Anthracene	0.10		0.079	0.013	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Benzo[a]anthracene	0.35		0.079	0.011	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Benzo[a]pyrene	0.35		0.079	0.015	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Benzo[b]fluoranthene	0.43		0.079	0.017	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Benzo[g,h,i]perylene	0.12		0.079	0.026	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Benzo[k]fluoranthene	0.18		0.079	0.023	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Chrysene	0.37		0.079	0.022	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Dibenz(a,h)anthracene	0.038	J	0.079	0.015	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Fluoranthene	0.79		0.079	0.015	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Fluorene	0.047	J	0.079	0.011	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Indeno[1,2,3-cd]pyrene	0.13		0.079	0.021	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Naphthalene	<0.012		0.079	0.012	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Phenanthrene	0.42		0.079	0.011	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
Pyrene	0.66		0.079	0.016	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
1-Methylnaphthalene	<0.019		0.16	0.019	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1
2-Methylnaphthalene	<0.015		0.16	0.015	mg/Kg	☼	07/19/19 19:33	07/22/19 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	61		37 - 147	07/19/19 19:33	07/22/19 19:25	1
Terphenyl-d14 (Surr)	89		42 - 157	07/19/19 19:33	07/22/19 19:25	1
2-Fluorobiphenyl (Surr)	69		43 - 145	07/19/19 19:33	07/22/19 19:25	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		07/23/19 21:08	07/24/19 12:35	1
Acenaphthylene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 12:35	1
Anthracene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 12:35	1
Benzo[a]anthracene	<0.00044		0.0020	0.00044	mg/L		07/23/19 21:08	07/24/19 12:35	1
Benzo[a]pyrene	<0.00056		0.0020	0.00056	mg/L		07/23/19 21:08	07/24/19 12:35	1
Benzo[b]fluoranthene	<0.00058		0.0020	0.00058	mg/L		07/23/19 21:08	07/24/19 12:35	1
Benzo[g,h,i]perylene	<0.0042		0.010	0.0042	mg/L		07/23/19 21:08	07/24/19 12:35	1
Benzo[k]fluoranthene	<0.00074		0.0020	0.00074	mg/L		07/23/19 21:08	07/24/19 12:35	1
Chrysene	<0.0014		0.0050	0.0014	mg/L		07/23/19 21:08	07/24/19 12:35	1
Dibenz(a,h)anthracene	<0.00064		0.0030	0.00064	mg/L		07/23/19 21:08	07/24/19 12:35	1
Fluoranthene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 12:35	1
Fluorene	<0.0038		0.010	0.0038	mg/L		07/23/19 21:08	07/24/19 12:35	1
Indeno[1,2,3-cd]pyrene	<0.00084		0.0020	0.00084	mg/L		07/23/19 21:08	07/24/19 12:35	1
Naphthalene	<0.0030		0.010	0.0030	mg/L		07/23/19 21:08	07/24/19 12:35	1
Phenanthrene	<0.0035		0.010	0.0035	mg/L		07/23/19 21:08	07/24/19 12:35	1
Pyrene	<0.0048		0.010	0.0048	mg/L		07/23/19 21:08	07/24/19 12:35	1
1-Methylnaphthalene	<0.0050		0.020	0.0050	mg/L		07/23/19 21:08	07/24/19 12:35	1
2-Methylnaphthalene	<0.0013		0.020	0.0013	mg/L		07/23/19 21:08	07/24/19 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	119		36 - 120	07/23/19 21:08	07/24/19 12:35	1
Terphenyl-d14 (Surr)	126		40 - 145	07/23/19 21:08	07/24/19 12:35	1
2-Fluorobiphenyl (Surr)	107		34 - 110	07/23/19 21:08	07/24/19 12:35	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-166966-1

Client Sample ID: NE Geo-Bag #3

Lab Sample ID: 500-166966-1

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 41.6

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.014		0.039	0.014	mg/Kg	☼	07/22/19 08:47	07/22/19 19:09	1
PCB-1221	<0.017		0.039	0.017	mg/Kg	☼	07/22/19 08:47	07/22/19 19:09	1
PCB-1232	<0.017		0.039	0.017	mg/Kg	☼	07/22/19 08:47	07/22/19 19:09	1
PCB-1242	<0.013		0.039	0.013	mg/Kg	☼	07/22/19 08:47	07/22/19 19:09	1
PCB-1248	<0.015		0.039	0.015	mg/Kg	☼	07/22/19 08:47	07/22/19 19:09	1
PCB-1254	<0.0085		0.039	0.0085	mg/Kg	☼	07/22/19 08:47	07/22/19 19:09	1
PCB-1260	<0.019		0.039	0.019	mg/Kg	☼	07/22/19 08:47	07/22/19 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		49 - 129	07/22/19 08:47	07/22/19 19:09	1
DCB Decachlorobiphenyl	102		37 - 121	07/22/19 08:47	07/22/19 19:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.6		2.2	0.74	mg/Kg	☼	07/19/19 16:13	07/22/19 11:59	1
Barium	160		2.2	0.25	mg/Kg	☼	07/19/19 16:13	07/22/19 11:59	1
Cadmium	0.67	B	0.43	0.078	mg/Kg	☼	07/19/19 16:13	07/22/19 11:59	1
Chromium	31		2.2	1.1	mg/Kg	☼	07/19/19 16:13	07/22/19 11:59	1
Lead	57		1.1	0.50	mg/Kg	☼	07/19/19 16:13	07/22/19 11:59	1
Selenium	<1.3		2.2	1.3	mg/Kg	☼	07/19/19 16:13	07/22/19 11:59	1
Silver	2.9		1.1	0.28	mg/Kg	☼	07/19/19 16:13	07/22/19 11:59	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0024	J	0.050	0.0020	mg/L		07/23/19 15:15	07/24/19 11:39	1
Barium	<0.050		0.50	0.050	mg/L		07/23/19 15:15	07/24/19 11:39	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		07/23/19 15:15	07/24/19 11:39	1
Chromium	<0.0050		0.025	0.0050	mg/L		07/23/19 15:15	07/24/19 11:39	1
Lead	<0.0020		0.050	0.0020	mg/L		07/23/19 15:15	07/24/19 11:39	1
Selenium	<0.010		0.050	0.010	mg/L		07/23/19 15:15	07/24/19 11:39	1
Silver	<0.0050		0.025	0.0050	mg/L		07/23/19 15:15	07/24/19 11:39	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		07/23/19 16:20	07/24/19 09:22	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.4	B	0.038	0.013	mg/Kg	☼	07/22/19 14:50	07/23/19 09:48	1

Client Sample Results

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

Job ID: 500-166966-1

Client Sample ID: Solid Sample #6

Lab Sample ID: 500-166966-2

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 63.5

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.080		0.052	0.0094	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Acenaphthylene	0.048	J	0.052	0.0069	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Anthracene	0.26		0.052	0.0087	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Benzo[a]anthracene	0.61		0.052	0.0070	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Benzo[a]pyrene	0.57		0.052	0.010	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Benzo[b]fluoranthene	0.82		0.052	0.011	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Benzo[g,h,i]perylene	0.19		0.052	0.017	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Benzo[k]fluoranthene	0.31		0.052	0.015	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Chrysene	0.63		0.052	0.014	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Dibenz(a,h)anthracene	0.068		0.052	0.010	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Fluoranthene	1.5		0.052	0.0097	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Fluorene	0.12		0.052	0.0073	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Indeno[1,2,3-cd]pyrene	0.21		0.052	0.014	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Naphthalene	0.13		0.052	0.0080	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Phenanthrene	0.80		0.052	0.0073	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
Pyrene	1.1		0.052	0.010	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
1-Methylnaphthalene	0.16		0.11	0.013	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1
2-Methylnaphthalene	0.22		0.11	0.0096	mg/Kg	*	07/19/19 19:33	07/22/19 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		37 - 147	07/19/19 19:33	07/22/19 19:54	1
Terphenyl-d14 (Surr)	107		42 - 157	07/19/19 19:33	07/22/19 19:54	1
2-Fluorobiphenyl (Surr)	92		43 - 145	07/19/19 19:33	07/22/19 19:54	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		07/23/19 21:08	07/24/19 13:01	1
Acenaphthylene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 13:01	1
Anthracene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 13:01	1
Benzo[a]anthracene	<0.00044		0.0020	0.00044	mg/L		07/23/19 21:08	07/24/19 13:01	1
Benzo[a]pyrene	<0.00056		0.0020	0.00056	mg/L		07/23/19 21:08	07/24/19 13:01	1
Benzo[b]fluoranthene	<0.00058		0.0020	0.00058	mg/L		07/23/19 21:08	07/24/19 13:01	1
Benzo[g,h,i]perylene	<0.0042		0.010	0.0042	mg/L		07/23/19 21:08	07/24/19 13:01	1
Benzo[k]fluoranthene	<0.00074		0.0020	0.00074	mg/L		07/23/19 21:08	07/24/19 13:01	1
Chrysene	<0.0014		0.0050	0.0014	mg/L		07/23/19 21:08	07/24/19 13:01	1
Dibenz(a,h)anthracene	<0.00064		0.0030	0.00064	mg/L		07/23/19 21:08	07/24/19 13:01	1
Fluoranthene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 13:01	1
Fluorene	<0.0038		0.010	0.0038	mg/L		07/23/19 21:08	07/24/19 13:01	1
Indeno[1,2,3-cd]pyrene	<0.00084		0.0020	0.00084	mg/L		07/23/19 21:08	07/24/19 13:01	1
Naphthalene	<0.0030		0.010	0.0030	mg/L		07/23/19 21:08	07/24/19 13:01	1
Phenanthrene	<0.0035		0.010	0.0035	mg/L		07/23/19 21:08	07/24/19 13:01	1
Pyrene	<0.0048		0.010	0.0048	mg/L		07/23/19 21:08	07/24/19 13:01	1
1-Methylnaphthalene	<0.0050		0.020	0.0050	mg/L		07/23/19 21:08	07/24/19 13:01	1
2-Methylnaphthalene	<0.0013		0.020	0.0013	mg/L		07/23/19 21:08	07/24/19 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	104		36 - 120	07/23/19 21:08	07/24/19 13:01	1
Terphenyl-d14 (Surr)	117		40 - 145	07/23/19 21:08	07/24/19 13:01	1
2-Fluorobiphenyl (Surr)	95		34 - 110	07/23/19 21:08	07/24/19 13:01	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-166966-1

Client Sample ID: Solid Sample #6

Lab Sample ID: 500-166966-2

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 63.5

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0091		0.026	0.0091	mg/Kg	☼	07/22/19 08:47	07/22/19 19:25	1
PCB-1221	<0.011		0.026	0.011	mg/Kg	☼	07/22/19 08:47	07/22/19 19:25	1
PCB-1232	<0.011		0.026	0.011	mg/Kg	☼	07/22/19 08:47	07/22/19 19:25	1
PCB-1242	<0.0085		0.026	0.0085	mg/Kg	☼	07/22/19 08:47	07/22/19 19:25	1
PCB-1248	<0.010		0.026	0.010	mg/Kg	☼	07/22/19 08:47	07/22/19 19:25	1
PCB-1254	<0.0056		0.026	0.0056	mg/Kg	☼	07/22/19 08:47	07/22/19 19:25	1
PCB-1260	<0.013		0.026	0.013	mg/Kg	☼	07/22/19 08:47	07/22/19 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		49 - 129	07/22/19 08:47	07/22/19 19:25	1
DCB Decachlorobiphenyl	173	X	37 - 121	07/22/19 08:47	07/22/19 19:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		1.4	0.48	mg/Kg	☼	07/19/19 16:13	07/22/19 12:03	1
Barium	100		1.4	0.16	mg/Kg	☼	07/19/19 16:13	07/22/19 12:03	1
Cadmium	0.41	B	0.28	0.051	mg/Kg	☼	07/19/19 16:13	07/22/19 12:03	1
Chromium	17		1.4	0.70	mg/Kg	☼	07/19/19 16:13	07/22/19 12:03	1
Lead	96		0.71	0.33	mg/Kg	☼	07/19/19 16:13	07/22/19 12:03	1
Selenium	<0.83		1.4	0.83	mg/Kg	☼	07/19/19 16:13	07/22/19 12:03	1
Silver	1.4		0.71	0.18	mg/Kg	☼	07/19/19 16:13	07/22/19 12:03	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0038	J	0.050	0.0020	mg/L		07/23/19 15:15	07/24/19 11:43	1
Barium	<0.050		0.50	0.050	mg/L		07/23/19 15:15	07/24/19 11:43	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		07/23/19 15:15	07/24/19 11:43	1
Chromium	<0.0050		0.025	0.0050	mg/L		07/23/19 15:15	07/24/19 11:43	1
Lead	<0.0020		0.050	0.0020	mg/L		07/23/19 15:15	07/24/19 11:43	1
Selenium	<0.010		0.050	0.010	mg/L		07/23/19 15:15	07/24/19 11:43	1
Silver	<0.0050		0.025	0.0050	mg/L		07/23/19 15:15	07/24/19 11:43	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		07/23/19 16:20	07/24/19 09:24	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.9	B	0.12	0.040	mg/Kg	☼	07/22/19 14:50	07/23/19 10:41	5

Client Sample Results

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

Job ID: 500-166966-1

Client Sample ID: Drying Bed Sample

Lab Sample ID: 500-166966-3

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 60.9

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.13	J	0.27	0.049	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Acenaphthylene	<0.036		0.27	0.036	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Anthracene	0.32		0.27	0.045	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Benzo[a]anthracene	0.71		0.27	0.037	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Benzo[a]pyrene	0.66		0.27	0.053	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Benzo[b]fluoranthene	0.92		0.27	0.059	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Benzo[g,h,i]perylene	0.19	J	0.27	0.088	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Benzo[k]fluoranthene	0.60		0.27	0.080	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Chrysene	0.98		0.27	0.074	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Dibenz(a,h)anthracene	<0.053		0.27	0.053	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Fluoranthene	1.8		0.27	0.050	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Fluorene	0.088	J	0.27	0.038	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Indeno[1,2,3-cd]pyrene	0.24	J	0.27	0.070	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Naphthalene	<0.042		0.27	0.042	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Phenanthrene	1.1		0.27	0.038	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
Pyrene	1.5		0.27	0.054	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
1-Methylnaphthalene	<0.066		0.55	0.066	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5
2-Methylnaphthalene	<0.050		0.55	0.050	mg/Kg	☼	07/19/19 19:33	07/23/19 15:27	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	37		37 - 147	07/19/19 19:33	07/23/19 15:27	5
Terphenyl-d14 (Surr)	99		42 - 157	07/19/19 19:33	07/23/19 15:27	5
2-Fluorobiphenyl (Surr)	80		43 - 145	07/19/19 19:33	07/23/19 15:27	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		07/23/19 21:08	07/24/19 13:28	1
Acenaphthylene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 13:28	1
Anthracene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 13:28	1
Benzo[a]anthracene	<0.00044		0.0020	0.00044	mg/L		07/23/19 21:08	07/24/19 13:28	1
Benzo[a]pyrene	<0.00056		0.0020	0.00056	mg/L		07/23/19 21:08	07/24/19 13:28	1
Benzo[b]fluoranthene	<0.00058		0.0020	0.00058	mg/L		07/23/19 21:08	07/24/19 13:28	1
Benzo[g,h,i]perylene	<0.0042		0.010	0.0042	mg/L		07/23/19 21:08	07/24/19 13:28	1
Benzo[k]fluoranthene	<0.00074		0.0020	0.00074	mg/L		07/23/19 21:08	07/24/19 13:28	1
Chrysene	<0.0014		0.0050	0.0014	mg/L		07/23/19 21:08	07/24/19 13:28	1
Dibenz(a,h)anthracene	<0.00064		0.0030	0.00064	mg/L		07/23/19 21:08	07/24/19 13:28	1
Fluoranthene	<0.0032		0.010	0.0032	mg/L		07/23/19 21:08	07/24/19 13:28	1
Fluorene	<0.0038		0.010	0.0038	mg/L		07/23/19 21:08	07/24/19 13:28	1
Indeno[1,2,3-cd]pyrene	<0.00084		0.0020	0.00084	mg/L		07/23/19 21:08	07/24/19 13:28	1
Naphthalene	<0.0030		0.010	0.0030	mg/L		07/23/19 21:08	07/24/19 13:28	1
Phenanthrene	<0.0035		0.010	0.0035	mg/L		07/23/19 21:08	07/24/19 13:28	1
Pyrene	<0.0048	F1	0.010	0.0048	mg/L		07/23/19 21:08	07/24/19 13:28	1
1-Methylnaphthalene	<0.0050		0.020	0.0050	mg/L		07/23/19 21:08	07/24/19 13:28	1
2-Methylnaphthalene	<0.0013		0.020	0.0013	mg/L		07/23/19 21:08	07/24/19 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	117		36 - 120	07/23/19 21:08	07/24/19 13:28	1
Terphenyl-d14 (Surr)	127		40 - 145	07/23/19 21:08	07/24/19 13:28	1
2-Fluorobiphenyl (Surr)	112	X	34 - 110	07/23/19 21:08	07/24/19 13:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-166966-1

Client Sample ID: Drying Bed Sample

Lab Sample ID: 500-166966-3

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 60.9

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0094		0.027	0.0094	mg/Kg	☼	07/22/19 08:47	07/22/19 19:40	1
PCB-1221	<0.012		0.027	0.012	mg/Kg	☼	07/22/19 08:47	07/22/19 19:40	1
PCB-1232	<0.012		0.027	0.012	mg/Kg	☼	07/22/19 08:47	07/22/19 19:40	1
PCB-1242	<0.0088		0.027	0.0088	mg/Kg	☼	07/22/19 08:47	07/22/19 19:40	1
PCB-1248	<0.011		0.027	0.011	mg/Kg	☼	07/22/19 08:47	07/22/19 19:40	1
PCB-1254	<0.0058		0.027	0.0058	mg/Kg	☼	07/22/19 08:47	07/22/19 19:40	1
PCB-1260	<0.013		0.027	0.013	mg/Kg	☼	07/22/19 08:47	07/22/19 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		49 - 129	07/22/19 08:47	07/22/19 19:40	1
DCB Decachlorobiphenyl	82		37 - 121	07/22/19 08:47	07/22/19 19:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		1.5	0.52	mg/Kg	☼	07/19/19 16:13	07/22/19 12:07	1
Barium	96		1.5	0.17	mg/Kg	☼	07/19/19 16:13	07/22/19 12:07	1
Cadmium	0.48	B	0.30	0.055	mg/Kg	☼	07/19/19 16:13	07/22/19 12:07	1
Chromium	15		1.5	0.75	mg/Kg	☼	07/19/19 16:13	07/22/19 12:07	1
Lead	190		0.76	0.35	mg/Kg	☼	07/19/19 16:13	07/22/19 12:07	1
Selenium	<0.89		1.5	0.89	mg/Kg	☼	07/19/19 16:13	07/22/19 12:07	1
Silver	1.4		0.76	0.20	mg/Kg	☼	07/19/19 16:13	07/22/19 12:07	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0036	J	0.050	0.0020	mg/L		07/23/19 15:15	07/24/19 11:47	1
Barium	<0.050		0.50	0.050	mg/L		07/23/19 15:15	07/24/19 11:47	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		07/23/19 15:15	07/24/19 11:47	1
Chromium	<0.0050		0.025	0.0050	mg/L		07/23/19 15:15	07/24/19 11:47	1
Lead	<0.0020		0.050	0.0020	mg/L		07/23/19 15:15	07/24/19 11:47	1
Selenium	<0.010		0.050	0.010	mg/L		07/23/19 15:15	07/24/19 11:47	1
Silver	<0.0050		0.025	0.0050	mg/L		07/23/19 15:15	07/24/19 11:47	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		07/23/19 16:20	07/24/19 09:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.29	B	0.026	0.0087	mg/Kg	☼	07/22/19 14:50	07/23/19 09:56	1

Definitions/Glossary

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

Job ID: 500-166966-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

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: 500-166966-1

GC/MS Semi VOA

Prep Batch: 495800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	3541	
500-166966-2	Solid Sample #6	Total/NA	Solid	3541	
500-166966-3	Drying Bed Sample	Total/NA	Solid	3541	
MB 500-495800/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-495800/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 495892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	8270D	495800
500-166966-2	Solid Sample #6	Total/NA	Solid	8270D	495800
MB 500-495800/1-A	Method Blank	Total/NA	Solid	8270D	495800
LCS 500-495800/2-A	Lab Control Sample	Total/NA	Solid	8270D	495800

Leach Batch: 496013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	ASTM Leach	Solid	D3987-85	
500-166966-2	Solid Sample #6	ASTM Leach	Solid	D3987-85	
500-166966-3	Drying Bed Sample	ASTM Leach	Solid	D3987-85	
LB3 500-496013/1-D	Method Blank	ASTM Leach	Solid	D3987-85	
500-166966-3 MS	Drying Bed Sample	ASTM Leach	Solid	D3987-85	

Analysis Batch: 496146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-3	Drying Bed Sample	Total/NA	Solid	8270D	495800

Prep Batch: 496270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	ASTM Leach	Solid	3510C	496013
500-166966-2	Solid Sample #6	ASTM Leach	Solid	3510C	496013
500-166966-3	Drying Bed Sample	ASTM Leach	Solid	3510C	496013
LB3 500-496013/1-D	Method Blank	ASTM Leach	Solid	3510C	496013
MB 500-496270/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 500-496270/2-A	Lab Control Sample	Total/NA	Solid	3510C	
500-166966-3 MS	Drying Bed Sample	ASTM Leach	Solid	3510C	496013

Analysis Batch: 496344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	ASTM Leach	Solid	8270D	496270
500-166966-2	Solid Sample #6	ASTM Leach	Solid	8270D	496270
500-166966-3	Drying Bed Sample	ASTM Leach	Solid	8270D	496270
LB3 500-496013/1-D	Method Blank	ASTM Leach	Solid	8270D	496270
MB 500-496270/1-A	Method Blank	Total/NA	Solid	8270D	496270
LCS 500-496270/2-A	Lab Control Sample	Total/NA	Solid	8270D	496270
500-166966-3 MS	Drying Bed Sample	ASTM Leach	Solid	8270D	496270

GC Semi VOA

Prep Batch: 495919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	3541	
500-166966-2	Solid Sample #6	Total/NA	Solid	3541	

Eurofins TestAmerica, Chicago

QC Association Summary

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

Job ID: 500-166966-1

GC Semi VOA (Continued)

Prep Batch: 495919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-3	Drying Bed Sample	Total/NA	Solid	3541	
MB 500-495919/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-495919/3-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 495941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	8082A	495919
500-166966-2	Solid Sample #6	Total/NA	Solid	8082A	495919
500-166966-3	Drying Bed Sample	Total/NA	Solid	8082A	495919
MB 500-495919/1-A	Method Blank	Total/NA	Solid	8082A	495919
LCS 500-495919/3-A	Lab Control Sample	Total/NA	Solid	8082A	495919

Metals

Prep Batch: 495774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	3050B	
500-166966-2	Solid Sample #6	Total/NA	Solid	3050B	
500-166966-3	Drying Bed Sample	Total/NA	Solid	3050B	
MB 500-495774/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-495774/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 495987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	7471B	
500-166966-2	Solid Sample #6	Total/NA	Solid	7471B	
500-166966-3	Drying Bed Sample	Total/NA	Solid	7471B	
MB 500-495987/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-495987/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 496002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	6010B	495774
500-166966-2	Solid Sample #6	Total/NA	Solid	6010B	495774
500-166966-3	Drying Bed Sample	Total/NA	Solid	6010B	495774
MB 500-495774/1-A	Method Blank	Total/NA	Solid	6010B	495774
LCS 500-495774/2-A	Lab Control Sample	Total/NA	Solid	6010B	495774

Leach Batch: 496013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	ASTM Leach	Solid	D3987-85	
500-166966-2	Solid Sample #6	ASTM Leach	Solid	D3987-85	
500-166966-3	Drying Bed Sample	ASTM Leach	Solid	D3987-85	
LB3 500-496013/1-B	Method Blank	ASTM Leach	Solid	D3987-85	
LB3 500-496013/1-C	Method Blank	ASTM Leach	Solid	D3987-85	
500-166966-3 MS	Drying Bed Sample	ASTM Leach	Solid	D3987-85	
500-166966-3 DU	Drying Bed Sample	ASTM Leach	Solid	D3987-85	

Analysis Batch: 496168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	7471B	495987

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QC Association Summary

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

Job ID: 500-166966-1

Metals (Continued)

Analysis Batch: 496168 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-2	Solid Sample #6	Total/NA	Solid	7471B	495987
500-166966-3	Drying Bed Sample	Total/NA	Solid	7471B	495987
MB 500-495987/12-A	Method Blank	Total/NA	Solid	7471B	495987
LCS 500-495987/13-A	Lab Control Sample	Total/NA	Solid	7471B	495987

Prep Batch: 496219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	ASTM Leach	Solid	3010A	496013
500-166966-2	Solid Sample #6	ASTM Leach	Solid	3010A	496013
500-166966-3	Drying Bed Sample	ASTM Leach	Solid	3010A	496013
LB3 500-496013/1-B	Method Blank	ASTM Leach	Solid	3010A	496013
LCS 500-496219/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-166966-3 MS	Drying Bed Sample	ASTM Leach	Solid	3010A	496013
500-166966-3 DU	Drying Bed Sample	ASTM Leach	Solid	3010A	496013

Prep Batch: 496232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	ASTM Leach	Solid	7470A	496013
500-166966-2	Solid Sample #6	ASTM Leach	Solid	7470A	496013
500-166966-3	Drying Bed Sample	ASTM Leach	Solid	7470A	496013
LB3 500-496013/1-C	Method Blank	ASTM Leach	Solid	7470A	496013
MB 500-496232/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-496232/13-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 496401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	ASTM Leach	Solid	7470A	496232
500-166966-2	Solid Sample #6	ASTM Leach	Solid	7470A	496232
500-166966-3	Drying Bed Sample	ASTM Leach	Solid	7470A	496232
LB3 500-496013/1-C	Method Blank	ASTM Leach	Solid	7470A	496232
MB 500-496232/12-A	Method Blank	Total/NA	Solid	7470A	496232
LCS 500-496232/13-A	Lab Control Sample	Total/NA	Solid	7470A	496232

Analysis Batch: 496425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	ASTM Leach	Solid	6020A	496219
500-166966-2	Solid Sample #6	ASTM Leach	Solid	6020A	496219
500-166966-3	Drying Bed Sample	ASTM Leach	Solid	6020A	496219
LB3 500-496013/1-B	Method Blank	ASTM Leach	Solid	6020A	496219
LCS 500-496219/2-A	Lab Control Sample	Total/NA	Solid	6020A	496219
500-166966-3 MS	Drying Bed Sample	ASTM Leach	Solid	6020A	496219
500-166966-3 DU	Drying Bed Sample	ASTM Leach	Solid	6020A	496219

General Chemistry

Analysis Batch: 495762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-166966-1	NE Geo-Bag #3	Total/NA	Solid	Moisture	
500-166966-2	Solid Sample #6	Total/NA	Solid	Moisture	
500-166966-3	Drying Bed Sample	Total/NA	Solid	Moisture	

Surrogate Summary

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

Job ID: 500-166966-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		NBZ (37-147)	TPHL (42-157)	FBP (43-145)
500-166966-1	NE Geo-Bag #3	61	89	69
500-166966-2	Solid Sample #6	81	107	92
500-166966-3	Drying Bed Sample	37	99	80
LCS 500-495800/2-A	Lab Control Sample	85	104	99
MB 500-495800/1-A	Method Blank	82	105	92

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	Percent Surrogate Recovery (Acceptance Limits)		
		NBZ (36-120)	TPHL (40-145)	FBP (34-110)
LCS 500-496270/2-A	Lab Control Sample	93	99	86
MB 500-496270/1-A	Method Blank	91	103	81

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	Percent Surrogate Recovery (Acceptance Limits)		
		NBZ (36-120)	TPHL (40-145)	FBP (34-110)
500-166966-1	NE Geo-Bag #3	119	126	107
500-166966-2	Solid Sample #6	104	117	95
500-166966-3	Drying Bed Sample	117	127	112 X
500-166966-3 MS	Drying Bed Sample	119	119	104
LB3 500-496013/1-D	Method Blank	107	127	101

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	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (49-129)	DCBP1 (37-121)
500-166966-1	NE Geo-Bag #3	94	102
500-166966-2	Solid Sample #6	94	173 X
500-166966-3	Drying Bed Sample	79	82
LCS 500-495919/3-A	Lab Control Sample	72	91

Eurofins TestAmerica, Chicago

Surrogate Summary

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

Job ID: 500-166966-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (49-129)	DCBP1 (37-121)
MB 500-495919/1-A	Method Blank	72	80

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

QC Sample Results

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

Job ID: 500-166966-1

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

Lab Sample ID: MB 500-495800/1-A
Matrix: Solid
Analysis Batch: 495892

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495800

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	<0.0060		0.033	0.0060	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Acenaphthylene	<0.0044		0.033	0.0044	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Anthracene	<0.0056		0.033	0.0056	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Benzo[a]anthracene	<0.0045		0.033	0.0045	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Benzo[a]pyrene	<0.0064		0.033	0.0064	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Benzo[b]fluoranthene	<0.0072		0.033	0.0072	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Benzo[k]fluoranthene	<0.0098		0.033	0.0098	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Chrysene	<0.0091		0.033	0.0091	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Dibenz(a,h)anthracene	<0.0064		0.033	0.0064	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Fluoranthene	<0.0062		0.033	0.0062	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Fluorene	<0.0047		0.033	0.0047	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Indeno[1,2,3-cd]pyrene	<0.0086		0.033	0.0086	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Naphthalene	<0.0051		0.033	0.0051	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Phenanthrene	<0.0046		0.033	0.0046	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
Pyrene	<0.0066		0.033	0.0066	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
1-Methylnaphthalene	<0.0081		0.067	0.0081	mg/Kg		07/19/19 19:33	07/22/19 12:05	1
2-Methylnaphthalene	<0.0061		0.067	0.0061	mg/Kg		07/19/19 19:33	07/22/19 12:05	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	82		37 - 147	07/19/19 19:33	07/22/19 12:05	1
Terphenyl-d14 (Surr)	105		42 - 157	07/19/19 19:33	07/22/19 12:05	1
2-Fluorobiphenyl (Surr)	92		43 - 145	07/19/19 19:33	07/22/19 12:05	1

Lab Sample ID: LCS 500-495800/2-A
Matrix: Solid
Analysis Batch: 495892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495800

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Acenaphthene	1.33	1.27		mg/Kg		95	65 - 124
Acenaphthylene	1.33	1.29		mg/Kg		97	68 - 120
Anthracene	1.33	1.31		mg/Kg		99	70 - 114
Benzo[a]anthracene	1.33	1.31		mg/Kg		98	67 - 122
Benzo[a]pyrene	1.33	1.29		mg/Kg		96	65 - 133
Benzo[b]fluoranthene	1.33	1.21		mg/Kg		91	69 - 129
Benzo[g,h,i]perylene	1.33	1.25		mg/Kg		94	72 - 131
Benzo[k]fluoranthene	1.33	1.20		mg/Kg		90	68 - 127
Chrysene	1.33	1.27		mg/Kg		96	63 - 120
Dibenz(a,h)anthracene	1.33	1.26		mg/Kg		94	64 - 131
Fluoranthene	1.33	1.39		mg/Kg		104	62 - 120
Fluorene	1.33	1.29		mg/Kg		97	62 - 120
Indeno[1,2,3-cd]pyrene	1.33	1.29		mg/Kg		97	68 - 130
Naphthalene	1.33	1.20		mg/Kg		90	63 - 110
Phenanthrene	1.33	1.28		mg/Kg		96	62 - 120
Pyrene	1.33	1.27		mg/Kg		95	61 - 128
1-Methylnaphthalene	1.33	1.25		mg/Kg		94	68 - 111
2-Methylnaphthalene	1.33	1.26		mg/Kg		94	69 - 112

QC Sample Results

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

Job ID: 500-166966-1

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

Lab Sample ID: LCS 500-495800/2-A
Matrix: Solid
Analysis Batch: 495892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495800

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	85		37 - 147
Terphenyl-d14 (Surr)	104		42 - 157
2-Fluorobiphenyl (Surr)	99		43 - 145

Lab Sample ID: MB 500-496270/1-A
Matrix: Solid
Analysis Batch: 496344

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 496270

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.00036		0.0010	0.00036	mg/L		07/23/19 21:08	07/24/19 11:41	1
Acenaphthylene	<0.00032		0.0010	0.00032	mg/L		07/23/19 21:08	07/24/19 11:41	1
Anthracene	<0.00032		0.0010	0.00032	mg/L		07/23/19 21:08	07/24/19 11:41	1
Benzo[a]anthracene	<0.000044		0.00020	0.000044	mg/L		07/23/19 21:08	07/24/19 11:41	1
Benzo[a]pyrene	<0.000056		0.00020	0.000056	mg/L		07/23/19 21:08	07/24/19 11:41	1
Benzo[b]fluoranthene	<0.000058		0.00020	0.000058	mg/L		07/23/19 21:08	07/24/19 11:41	1
Benzo[g,h,i]perylene	<0.00042		0.0010	0.00042	mg/L		07/23/19 21:08	07/24/19 11:41	1
Benzo[k]fluoranthene	<0.000074		0.00020	0.000074	mg/L		07/23/19 21:08	07/24/19 11:41	1
Chrysene	<0.00014		0.00050	0.00014	mg/L		07/23/19 21:08	07/24/19 11:41	1
Dibenz(a,h)anthracene	<0.000064		0.00030	0.000064	mg/L		07/23/19 21:08	07/24/19 11:41	1
Fluoranthene	<0.00032		0.0010	0.00032	mg/L		07/23/19 21:08	07/24/19 11:41	1
Fluorene	<0.00038		0.0010	0.00038	mg/L		07/23/19 21:08	07/24/19 11:41	1
Indeno[1,2,3-cd]pyrene	<0.000084		0.00020	0.000084	mg/L		07/23/19 21:08	07/24/19 11:41	1
Naphthalene	<0.00030		0.0010	0.00030	mg/L		07/23/19 21:08	07/24/19 11:41	1
Phenanthrene	<0.00035		0.0010	0.00035	mg/L		07/23/19 21:08	07/24/19 11:41	1
Pyrene	<0.00048		0.0010	0.00048	mg/L		07/23/19 21:08	07/24/19 11:41	1
1-Methylnaphthalene	<0.00050		0.0020	0.00050	mg/L		07/23/19 21:08	07/24/19 11:41	1
2-Methylnaphthalene	<0.00013		0.0020	0.00013	mg/L		07/23/19 21:08	07/24/19 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	91		36 - 120	07/23/19 21:08	07/24/19 11:41	1
Terphenyl-d14 (Surr)	103		40 - 145	07/23/19 21:08	07/24/19 11:41	1
2-Fluorobiphenyl (Surr)	81		34 - 110	07/23/19 21:08	07/24/19 11:41	1

Lab Sample ID: LCS 500-496270/2-A
Matrix: Solid
Analysis Batch: 496344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 496270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	0.0400	0.0341		mg/L		85	46 - 110
Acenaphthylene	0.0400	0.0346		mg/L		86	47 - 110
Anthracene	0.0400	0.0359		mg/L		90	67 - 110
Benzo[a]anthracene	0.0400	0.0374		mg/L		94	70 - 120
Benzo[a]pyrene	0.0400	0.0380		mg/L		95	70 - 120
Benzo[b]fluoranthene	0.0400	0.0384		mg/L		96	69 - 123
Benzo[g,h,i]perylene	0.0400	0.0384		mg/L		96	70 - 120
Benzo[k]fluoranthene	0.0400	0.0360		mg/L		90	70 - 120
Chrysene	0.0400	0.0387		mg/L		97	68 - 120
Dibenz(a,h)anthracene	0.0400	0.0398		mg/L		99	70 - 127

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-166966-1

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

Lab Sample ID: LCS 500-496270/2-A
Matrix: Solid
Analysis Batch: 496344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 496270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Fluoranthene	0.0400	0.0367		mg/L		92	68 - 120	
Fluorene	0.0400	0.0341		mg/L		85	53 - 120	
Indeno[1,2,3-cd]pyrene	0.0400	0.0401		mg/L		100	65 - 133	
Naphthalene	0.0400	0.0303		mg/L		76	36 - 110	
Phenanthrene	0.0400	0.0356		mg/L		89	65 - 120	
Pyrene	0.0400	0.0395		mg/L		99	70 - 110	
1-Methylnaphthalene	0.0400	0.0292		mg/L		73	38 - 110	
2-Methylnaphthalene	0.0400	0.0299		mg/L		75	34 - 110	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	93		36 - 120
Terphenyl-d14 (Surr)	99		40 - 145
2-Fluorobiphenyl (Surr)	86		34 - 110

Lab Sample ID: LB3 500-496013/1-D
Matrix: Solid
Analysis Batch: 496344

Client Sample ID: Method Blank
Prep Type: ASTM Leach
Prep Batch: 496270

Analyte	LB3 LB3		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	<0.00036		0.0010	0.00036	mg/L		07/23/19 21:08	07/24/19 11:14	1
Acenaphthylene	<0.00032		0.0010	0.00032	mg/L		07/23/19 21:08	07/24/19 11:14	1
Anthracene	<0.00032		0.0010	0.00032	mg/L		07/23/19 21:08	07/24/19 11:14	1
Benzo[a]anthracene	<0.00044		0.00020	0.00044	mg/L		07/23/19 21:08	07/24/19 11:14	1
Benzo[a]pyrene	<0.00056		0.00020	0.00056	mg/L		07/23/19 21:08	07/24/19 11:14	1
Benzo[b]fluoranthene	<0.00058		0.00020	0.00058	mg/L		07/23/19 21:08	07/24/19 11:14	1
Benzo[g,h,i]perylene	<0.00042		0.0010	0.00042	mg/L		07/23/19 21:08	07/24/19 11:14	1
Benzo[k]fluoranthene	<0.00074		0.00020	0.00074	mg/L		07/23/19 21:08	07/24/19 11:14	1
Chrysene	<0.00014		0.00050	0.00014	mg/L		07/23/19 21:08	07/24/19 11:14	1
Dibenz(a,h)anthracene	<0.00064		0.00030	0.00064	mg/L		07/23/19 21:08	07/24/19 11:14	1
Fluoranthene	<0.00032		0.0010	0.00032	mg/L		07/23/19 21:08	07/24/19 11:14	1
Fluorene	<0.00038		0.0010	0.00038	mg/L		07/23/19 21:08	07/24/19 11:14	1
Indeno[1,2,3-cd]pyrene	<0.00084		0.00020	0.00084	mg/L		07/23/19 21:08	07/24/19 11:14	1
Naphthalene	<0.00030		0.0010	0.00030	mg/L		07/23/19 21:08	07/24/19 11:14	1
Phenanthrene	<0.00035		0.0010	0.00035	mg/L		07/23/19 21:08	07/24/19 11:14	1
Pyrene	<0.00048		0.0010	0.00048	mg/L		07/23/19 21:08	07/24/19 11:14	1
1-Methylnaphthalene	<0.00050		0.0020	0.00050	mg/L		07/23/19 21:08	07/24/19 11:14	1
2-Methylnaphthalene	<0.00013		0.0020	0.00013	mg/L		07/23/19 21:08	07/24/19 11:14	1

Surrogate	LB3 LB3		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	107		36 - 120	07/23/19 21:08	07/24/19 11:14	1
Terphenyl-d14 (Surr)	127		40 - 145	07/23/19 21:08	07/24/19 11:14	1
2-Fluorobiphenyl (Surr)	101		34 - 110	07/23/19 21:08	07/24/19 11:14	1

QC Sample Results

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

Job ID: 500-166966-1

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

Lab Sample ID: 500-166966-3 MS
Matrix: Solid
Analysis Batch: 496344

Client Sample ID: Drying Bed Sample
Prep Type: ASTM Leach
Prep Batch: 496270

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Acenaphthene	<0.0036		0.400	0.413		mg/L		103	46 - 110
Acenaphthylene	<0.0032		0.400	0.408		mg/L		102	47 - 110
Anthracene	<0.0032		0.400	0.426		mg/L		106	67 - 110
Benzo[a]anthracene	<0.00044		0.400	0.456		mg/L		114	70 - 120
Benzo[a]pyrene	<0.00056		0.400	0.469		mg/L		117	70 - 120
Benzo[b]fluoranthene	<0.00058		0.400	0.484		mg/L		121	69 - 123
Benzo[g,h,i]perylene	<0.0042		0.400	0.394		mg/L		99	70 - 120
Benzo[k]fluoranthene	<0.00074		0.400	0.422		mg/L		105	70 - 120
Chrysene	<0.0014		0.400	0.474		mg/L		119	68 - 120
Dibenz(a,h)anthracene	<0.00064		0.400	0.431		mg/L		108	70 - 127
Fluoranthene	<0.0032		0.400	0.445		mg/L		111	68 - 120
Fluorene	<0.0038		0.400	0.419		mg/L		105	53 - 120
Indeno[1,2,3-cd]pyrene	<0.00084		0.400	0.439		mg/L		110	65 - 133
Naphthalene	<0.0030		0.400	0.377		mg/L		94	36 - 110
Phenanthrene	<0.0035		0.400	0.435		mg/L		109	65 - 120
Pyrene	<0.0048	F1	0.400	0.456	F1	mg/L		114	70 - 110
1-Methylnaphthalene	<0.0050		0.400	0.369		mg/L		92	38 - 110
2-Methylnaphthalene	<0.0013		0.400	0.369		mg/L		92	34 - 110
		MS MS							
Surrogate	%Recovery	Qualifier	Limits						
Nitrobenzene-d5 (Surr)	119		36 - 120						
Terphenyl-d14 (Surr)	119		40 - 145						
2-Fluorobiphenyl (Surr)	104		34 - 110						

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

Lab Sample ID: MB 500-495919/1-A
Matrix: Solid
Analysis Batch: 495941

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495919

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0059		0.017	0.0059	mg/Kg		07/22/19 08:47	07/22/19 17:52	1
PCB-1221	<0.0073		0.017	0.0073	mg/Kg		07/22/19 08:47	07/22/19 17:52	1
PCB-1232	<0.0073		0.017	0.0073	mg/Kg		07/22/19 08:47	07/22/19 17:52	1
PCB-1242	<0.0055		0.017	0.0055	mg/Kg		07/22/19 08:47	07/22/19 17:52	1
PCB-1248	<0.0066		0.017	0.0066	mg/Kg		07/22/19 08:47	07/22/19 17:52	1
PCB-1254	<0.0036		0.017	0.0036	mg/Kg		07/22/19 08:47	07/22/19 17:52	1
PCB-1260	<0.0082		0.017	0.0082	mg/Kg		07/22/19 08:47	07/22/19 17:52	1
		MB MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		49 - 129				07/22/19 08:47	07/22/19 17:52	1
DCB Decachlorobiphenyl	80		37 - 121				07/22/19 08:47	07/22/19 17:52	1

QC Sample Results

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

Job ID: 500-166966-1

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

Lab Sample ID: LCS 500-495919/3-A
Matrix: Solid
Analysis Batch: 495941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	0.167	0.154		mg/Kg		92	57 - 120
PCB-1260	0.167	0.153		mg/Kg		92	61 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	72		49 - 129
DCB Decachlorobiphenyl	91		37 - 121

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-495774/1-A
Matrix: Solid
Analysis Batch: 496002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495774

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		07/19/19 16:13	07/22/19 11:32	1
Barium	<0.11		1.0	0.11	mg/Kg		07/19/19 16:13	07/22/19 11:32	1
Cadmium	0.0802	J	0.20	0.036	mg/Kg		07/19/19 16:13	07/22/19 11:32	1
Chromium	<0.50		1.0	0.50	mg/Kg		07/19/19 16:13	07/22/19 11:32	1
Lead	<0.23		0.50	0.23	mg/Kg		07/19/19 16:13	07/22/19 11:32	1
Selenium	<0.59		1.0	0.59	mg/Kg		07/19/19 16:13	07/22/19 11:32	1
Silver	<0.13		0.50	0.13	mg/Kg		07/19/19 16:13	07/22/19 11:32	1

Lab Sample ID: LCS 500-495774/2-A
Matrix: Solid
Analysis Batch: 496002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	10.0	9.00		mg/Kg		90	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Cadmium	5.00	4.75		mg/Kg		95	80 - 120
Chromium	20.0	18.7		mg/Kg		94	80 - 120
Lead	10.0	9.02		mg/Kg		90	80 - 120
Selenium	10.0	8.89		mg/Kg		89	80 - 120
Silver	5.00	4.78		mg/Kg		96	80 - 120

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: LCS 500-496219/2-A
Matrix: Solid
Analysis Batch: 496425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 496219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.100	0.0982		mg/L		98	80 - 120
Barium	0.500	0.502		mg/L		100	80 - 120
Cadmium	0.0500	0.0520		mg/L		104	80 - 120
Chromium	0.200	0.219		mg/L		109	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0527		mg/L		105	80 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-166966-1

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

Lab Sample ID: LB3 500-496013/1-B
Matrix: Solid
Analysis Batch: 496425

Client Sample ID: Method Blank
Prep Type: ASTM Leach
Prep Batch: 496219

Analyte	LB3 LB3		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.0020		0.050	0.0020	mg/L		07/23/19 15:15	07/24/19 11:32	1
Barium	<0.050		0.50	0.050	mg/L		07/23/19 15:15	07/24/19 11:32	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		07/23/19 15:15	07/24/19 11:32	1
Chromium	<0.0050		0.025	0.0050	mg/L		07/23/19 15:15	07/24/19 11:32	1
Lead	<0.0020		0.050	0.0020	mg/L		07/23/19 15:15	07/24/19 11:32	1
Selenium	<0.010		0.050	0.010	mg/L		07/23/19 15:15	07/24/19 11:32	1
Silver	<0.0050		0.025	0.0050	mg/L		07/23/19 15:15	07/24/19 11:32	1

Lab Sample ID: 500-166966-3 MS
Matrix: Solid
Analysis Batch: 496425

Client Sample ID: Drying Bed Sample
Prep Type: ASTM Leach
Prep Batch: 496219

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	Limits
				Result	Qualifier				
Arsenic	0.0036	J	0.100	0.0996		mg/L		96	75 - 125
Barium	<0.050		0.500	0.496	J	mg/L		99	75 - 125
Cadmium	<0.0010		0.0500	0.0514		mg/L		103	75 - 125
Chromium	<0.0050		0.200	0.214		mg/L		107	75 - 125
Lead	<0.0020		0.100	0.0996		mg/L		100	75 - 125
Selenium	<0.010		0.100	0.0963		mg/L		96	75 - 125
Silver	<0.0050		0.0500	0.0519		mg/L		104	75 - 125

Lab Sample ID: 500-166966-3 DU
Matrix: Solid
Analysis Batch: 496425

Client Sample ID: Drying Bed Sample
Prep Type: ASTM Leach
Prep Batch: 496219

Analyte	Sample Result	Sample Qualifier	DU DU		Unit	D	RPD	Limit
			Result	Qualifier				
Arsenic	0.0036	J	0.00350	J	mg/L		3	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	<0.0020		<0.0020		mg/L		NC	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 500-496232/12-A
Matrix: Solid
Analysis Batch: 496401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 496232

Analyte	MB MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020	0.00020	mg/L		07/23/19 16:20	07/24/19 09:17	1

Lab Sample ID: LCS 500-496232/13-A
Matrix: Solid
Analysis Batch: 496401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 496232

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Mercury	0.00200	0.00190		mg/L		95	80 - 120

Eurolins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-166966-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LB3 500-496013/1-C
Matrix: Solid
Analysis Batch: 496401

Client Sample ID: Method Blank
Prep Type: ASTM Leach
Prep Batch: 496232

Analyte	LB3	LB3	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020	0.00020	mg/L		07/23/19 16:20	07/24/19 09:20	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-495987/12-A
Matrix: Solid
Analysis Batch: 496168

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495987

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.00758	J	0.017	0.0056	mg/Kg		07/22/19 14:50	07/23/19 09:31	1

Lab Sample ID: LCS 500-495987/13-A
Matrix: Solid
Analysis Batch: 496168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495987
%Rec.

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Mercury	0.167	0.179		mg/Kg		108	80 - 120

Lab Chronicle

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

Job ID: 500-166966-1

Client Sample ID: NE Geo-Bag #3

Lab Sample ID: 500-166966-1

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	3510C			496270	07/23/19 21:08	ACK	TAL CHI
ASTM Leach	Analysis	8270D		1	496344	07/24/19 12:35	AJD	TAL CHI
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	3010A			496219	07/23/19 15:15	BDE	TAL CHI
ASTM Leach	Analysis	6020A		1	496425	07/24/19 11:39	FXG	TAL CHI
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	7470A			496232	07/23/19 16:20	MJG	TAL CHI
ASTM Leach	Analysis	7470A		1	496401	07/24/19 09:22	MJG	TAL CHI
Total/NA	Analysis	Moisture		1	495762	07/19/19 15:37	LWN	TAL CHI

Client Sample ID: NE Geo-Bag #3

Lab Sample ID: 500-166966-1

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 41.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			495800	07/19/19 19:33	ACK	TAL CHI
Total/NA	Analysis	8270D		1	495892	07/22/19 19:25	NRJ	TAL CHI
Total/NA	Prep	3541			495919	07/22/19 08:47	JVD	TAL CHI
Total/NA	Analysis	8082A		1	495941	07/22/19 19:09	PJ1	TAL CHI
Total/NA	Prep	3050B			495774	07/19/19 16:13	BDE	TAL CHI
Total/NA	Analysis	6010B		1	496002	07/22/19 11:59	EEN	TAL CHI
Total/NA	Prep	7471B			495987	07/22/19 14:50	MJG	TAL CHI
Total/NA	Analysis	7471B		1	496168	07/23/19 09:48	MJG	TAL CHI

Client Sample ID: Solid Sample #6

Lab Sample ID: 500-166966-2

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	3510C			496270	07/23/19 21:08	ACK	TAL CHI
ASTM Leach	Analysis	8270D		1	496344	07/24/19 13:01	AJD	TAL CHI
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	3010A			496219	07/23/19 15:15	BDE	TAL CHI
ASTM Leach	Analysis	6020A		1	496425	07/24/19 11:43	FXG	TAL CHI
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	7470A			496232	07/23/19 16:20	MJG	TAL CHI
ASTM Leach	Analysis	7470A		1	496401	07/24/19 09:24	MJG	TAL CHI
Total/NA	Analysis	Moisture		1	495762	07/19/19 15:37	LWN	TAL CHI

Lab Chronicle

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

Job ID: 500-166966-1

Client Sample ID: Solid Sample #6

Lab Sample ID: 500-166966-2

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 63.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			495800	07/19/19 19:33	ACK	TAL CHI
Total/NA	Analysis	8270D		1	495892	07/22/19 19:54	NRJ	TAL CHI
Total/NA	Prep	3541			495919	07/22/19 08:47	JVD	TAL CHI
Total/NA	Analysis	8082A		1	495941	07/22/19 19:25	PJ1	TAL CHI
Total/NA	Prep	3050B			495774	07/19/19 16:13	BDE	TAL CHI
Total/NA	Analysis	6010B		1	496002	07/22/19 12:03	EEN	TAL CHI
Total/NA	Prep	7471B			495987	07/22/19 14:50	MJG	TAL CHI
Total/NA	Analysis	7471B		5	496168	07/23/19 10:41	MJG	TAL CHI

Client Sample ID: Drying Bed Sample

Lab Sample ID: 500-166966-3

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	3510C			496270	07/23/19 21:08	ACK	TAL CHI
ASTM Leach	Analysis	8270D		1	496344	07/24/19 13:28	AJD	TAL CHI
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	3010A			496219	07/23/19 15:15	BDE	TAL CHI
ASTM Leach	Analysis	6020A		1	496425	07/24/19 11:47	FXG	TAL CHI
ASTM Leach	Leach	D3987-85			496013	07/22/19 13:10	GCA	TAL CHI
ASTM Leach	Prep	7470A			496232	07/23/19 16:20	MJG	TAL CHI
ASTM Leach	Analysis	7470A		1	496401	07/24/19 09:25	MJG	TAL CHI
Total/NA	Analysis	Moisture		1	495762	07/19/19 15:37	LWN	TAL CHI

Client Sample ID: Drying Bed Sample

Lab Sample ID: 500-166966-3

Date Collected: 07/18/19 00:00

Matrix: Solid

Date Received: 07/19/19 10:29

Percent Solids: 60.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			495800	07/19/19 19:33	ACK	TAL CHI
Total/NA	Analysis	8270D		5	496146	07/23/19 15:27	STW	TAL CHI
Total/NA	Prep	3541			495919	07/22/19 08:47	JVD	TAL CHI
Total/NA	Analysis	8082A		1	495941	07/22/19 19:40	PJ1	TAL CHI
Total/NA	Prep	3050B			495774	07/19/19 16:13	BDE	TAL CHI
Total/NA	Analysis	6010B		1	496002	07/22/19 12:07	EEN	TAL CHI
Total/NA	Prep	7471B			495987	07/22/19 14:50	MJG	TAL CHI
Total/NA	Analysis	7471B		1	496168	07/23/19 09:56	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: 500-166966-1

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.



TestAmerica Chicago

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Fax (708) 534-5211

Chain of Custody Record



THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler:	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-66160-31136.1
Client Contact: Mr. Daniel Dunn		Phone:	E-Mail: jim.knapp@testamericainc.com		Page: Page 1 of 1
Company: EnviroAnalytics Group LLC		Analysis Requested			Job #: 500-166966
Address: 1515 Des Peres Rd. Suite 300		Due Date Requested:	<p>500-166966 COC</p>		
City: Saint Louis		TAT Requested (days): 3 days			
State, Zip: MO, 63131					
Phone: 314-835-2814(Tel)		PO #: 7741			
Email: ddunn@enviroanalyticsgroup.com		WO #:			
Project Name: Rock River Sediment Removal, Janesville		Project #: 50014801			
Site:		SSOW#:			
			Field Filtered Sample (Yes or No)	Perform MMS/MSD (Yes or No)	Total Number of containers
			2540D - TSS	625 - PAHs	608 PCB - LL PCB's
			1664B - Oil & Grease	200.7 - As,Pb,Zn	6010B, 7471B, 8082A, 8270D
					6020A, 7470A, 8082A, 8270D
					ASTM Leach (PAHs, RCAA)
					Preservation Codes:
					A - HCL M - Hexane
					B - NaOH N - None
					C - Zn Acetate O - AsNaO2
					D - Nitric Acid P - Na2O4S
					E - NaHSO4 Q - Na2SO3
					F - MeOH R - Na2S2O3
					G - Amchlor S - H2SO4
					H - Ascorbic Acid T - TSP Dodecahydrate
					I - Ice U - Acetone
					J - DI Water V - MCAA
					K - EDTA W - pH 4-5
					L - EDA Z - other (specify)
					Other:
					Special Instructions/Note:
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)
					Preservation Code:
1	NE Geo-Bag #3	7/18/19		C	Water Solid
2	Solid Sample #6	7/18/19		C	Water Solid
3	Prying Bed Sample	7/18/19		C	Water Solid
					Water
					Water
					Solid
					Solid
					Solid
					Solid
					Solid
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by: <i>Aunley Underwood</i>		Date/Time:	Company:	Received by: <i>Paula Buckley</i>	Date/Time: 7/19/19 0920
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time:
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time:
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 14.3	

Login Sample Receipt Checklist

Client: EnviroAnalytics Group LLC

Job Number: 500-166966-1

Login Number: 166966

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Buckley, Paula M

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.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	True	14.3
Cooler Temperature is recorded.	True	
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	

