

ANALYTICAL REPORT

Job Number: 500-150867-2

Job Description: Rock River Sediment Removal, Janesville

For:

EnviroAnalytics Group LLC

1515 Des Peres Rd.

Suite 300

Saint Louis, MO 63131

Attention: Mr. Daniel Dunn



Approved for release.
Therese M Hargraves
Project Manager I
9/7/2018 12:56 PM

Designee for

Jim D Knapp, Project Manager II

2417 Bond Street, University Park, IL, 60484

(630)758-0262

jim.knapp@testamericainc.com

09/07/2018

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

TestAmerica Chicago 2417 Bond Street, University Park, IL 60484

Tel (708) 534-5200 Fax (708) 534-5211 www.testamericainc.com



Client Sample Results

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

TestAmerica Job ID: 500-150867-2

Client Sample ID: Leachate Solids (Pilot Test Leach Sample) **Lab Sample ID: 500-150867-5**
Date Collected: 08/31/18 15:55 **Matrix: Solid**
Date Received: 09/01/18 10:28

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.2		20	7.2	ug/L		09/05/18 09:47	09/05/18 18:29	1
Acenaphthylene	<6.4		20	6.4	ug/L		09/05/18 09:47	09/05/18 18:29	1
Anthracene	<6.4		20	6.4	ug/L		09/05/18 09:47	09/05/18 18:29	1
Benzo[a]anthracene	<0.88		4.0	0.88	ug/L		09/05/18 09:47	09/05/18 18:29	1
Benzo[a]pyrene	<1.1		4.0	1.1	ug/L		09/05/18 09:47	09/05/18 18:29	1
Benzo[b]fluoranthene	<1.2		4.0	1.2	ug/L		09/05/18 09:47	09/05/18 18:29	1
Benzo[g,h,i]perylene	<8.4		20	8.4	ug/L		09/05/18 09:47	09/05/18 18:29	1
Benzo[k]fluoranthene	<1.5		4.0	1.5	ug/L		09/05/18 09:47	09/05/18 18:29	1
Chrysene	<2.8		10	2.8	ug/L		09/05/18 09:47	09/05/18 18:29	1
Dibenz(a,h)anthracene	<1.3		6.0	1.3	ug/L		09/05/18 09:47	09/05/18 18:29	1
Fluoranthene	<6.4		20	6.4	ug/L		09/05/18 09:47	09/05/18 18:29	1
Fluorene	<7.6		20	7.6	ug/L		09/05/18 09:47	09/05/18 18:29	1
Indeno[1,2,3-cd]pyrene	<1.7		4.0	1.7	ug/L		09/05/18 09:47	09/05/18 18:29	1
Naphthalene	22		20	6.0	ug/L		09/05/18 09:47	09/05/18 18:29	1
Phenanthrene	<7.0		20	7.0	ug/L		09/05/18 09:47	09/05/18 18:29	1
Pyrene	<9.6		20	9.6	ug/L		09/05/18 09:47	09/05/18 18:29	1
1-Methylnaphthalene	<10		40	10	ug/L		09/05/18 09:47	09/05/18 18:29	1
2-Methylnaphthalene	<2.6		40	2.6	ug/L		09/05/18 09:47	09/05/18 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	95		36 - 120				09/05/18 09:47	09/05/18 18:29	1
Terphenyl-d14 (Surr)	104		40 - 145				09/05/18 09:47	09/05/18 18:29	1
2-Fluorobiphenyl (Surr)	88		34 - 110				09/05/18 09:47	09/05/18 18:29	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<16		50	16	ug/L		09/05/18 11:22	09/05/18 16:53	1
PCB-1221	<24		50	24	ug/L		09/05/18 11:22	09/05/18 16:53	1
PCB-1232	<8.6		50	8.6	ug/L		09/05/18 11:22	09/05/18 16:53	1
PCB-1242	<12		50	12	ug/L		09/05/18 11:22	09/05/18 16:53	1
PCB-1248	<10		50	10	ug/L		09/05/18 11:22	09/05/18 16:53	1
PCB-1254	<10		50	10	ug/L		09/05/18 11:22	09/05/18 16:53	1
PCB-1260	<11		50	11	ug/L		09/05/18 11:22	09/05/18 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	44		30 - 120				09/05/18 11:22	09/05/18 16:53	1
DCB Decachlorobiphenyl	49		30 - 140				09/05/18 11:22	09/05/18 16:53	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1	J	50	2.0	ug/L		09/05/18 09:17	09/05/18 19:52	1
Barium	<50		500	50	ug/L		09/05/18 09:17	09/05/18 18:26	1
Cadmium	<1.0		5.0	1.0	ug/L		09/05/18 09:17	09/05/18 19:52	1
Chromium	<5.0		25	5.0	ug/L		09/05/18 09:17	09/05/18 19:52	1
Lead	<2.0		50	2.0	ug/L		09/05/18 09:17	09/05/18 18:26	1
Selenium	<10	A	50	10	ug/L		09/05/18 09:17	09/05/18 19:52	1
Silver	<5.0		25	5.0	ug/L		09/05/18 09:17	09/05/18 19:52	1

Client Sample Results

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

TestAmerica Job ID: 500-150867-2

Client Sample ID: Leachate Solids

Lab Sample ID: 500-150867-5

Date Collected: 08/31/18 15:55

Matrix: Solid

Date Received: 09/01/18 10:28

Method: 7470A - Mercury (CVAA) - ASTM Leach										
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac	
Mercury	<0.20		0.20	0.20	ug/L		09/05/18 11:50	09/06/18 08:46	1	



Environment Testing
TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-165506-1
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:
6/28/2019 12:03:56 PM

Jim Knapp, Project Manager II
(630)758-0262
jim.knapp@testamericainc.com

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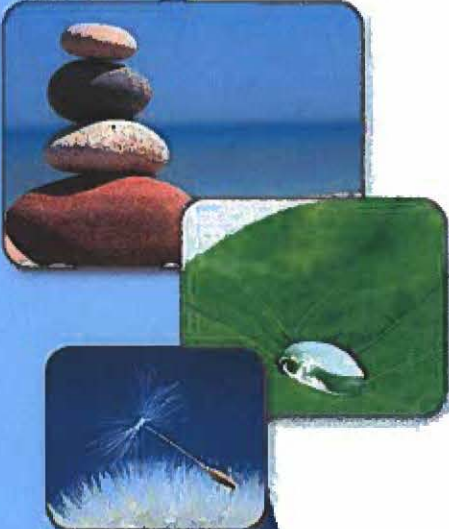
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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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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Client Sample Results

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

Job ID: 500-165506-1

Client Sample ID: Solid Sample #1

Lab Sample ID: 500-165506-1

Date Collected: 06/20/19 00:00

Matrix: Solid

Date Received: 06/21/19 09:20

Percent Solids: 78.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.4		41	7.4	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Acenaphthylene	<5.5		41	5.5	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Anthracene	<6.9		41	6.9	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Benzo[a]anthracene	26	J	41	5.6	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Benzo[a]pyrene	28	J	41	8.0	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Benzo[b]fluoranthene	33	J	41	8.9	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Benzo[g,h,i]perylene	15	J	41	13	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Benzo[k]fluoranthene	22	J	41	12	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Chrysene	34	J	41	11	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Dibenz(a,h)anthracene	<8.0		41	8.0	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Fluoranthene	44		41	7.7	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Fluorene	<5.8		41	5.8	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Indeno[1,2,3-cd]pyrene	16	J	41	11	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Naphthalene	<6.4		41	6.4	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Phenanthrene	21	J	41	5.8	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Pyrene	57		41	8.2	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
1-Methylnaphthalene	<10		83	10	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
2-Methylnaphthalene	<7.6		83	7.6	ug/Kg	☒	06/25/19 08:16	06/25/19 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	56		37 - 147				06/25/19 08:16	06/25/19 19:29	1
Terphenyl-d14 (Surr)	69		42 - 157				06/25/19 08:16	06/25/19 19:29	1
2-Fluorobiphenyl (Surr)	59		43 - 145				06/25/19 08:16	06/25/19 19:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<74		210	74	ug/Kg	☒	06/24/19 18:15	06/25/19 13:36	10
PCB-1221	<92		210	92	ug/Kg	☒	06/24/19 18:15	06/25/19 13:36	10
PCB-1232	<91		210	91	ug/Kg	☒	06/24/19 18:15	06/25/19 13:36	10
PCB-1242	<69		210	69	ug/Kg	☒	06/24/19 18:15	06/25/19 13:36	10
PCB-1248	<82		210	82	ug/Kg	☒	06/24/19 18:15	06/25/19 13:36	10
PCB-1254	<45		210	45	ug/Kg	☒	06/24/19 18:15	06/25/19 13:36	10
PCB-1260	<100		210	100	ug/Kg	☒	06/24/19 18:15	06/25/19 13:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		49 - 129				06/24/19 18:15	06/25/19 13:36	10
DCB Decachlorobiphenyl	71		37 - 121				06/24/19 18:15	06/25/19 13:36	10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.79	J	1.1	0.38	mg/Kg	☒	06/25/19 07:43	06/25/19 16:33	1
Barium	21		1.1	0.13	mg/Kg	☒	06/25/19 07:43	06/25/19 16:33	1
Cadmium	0.24	B	0.22	0.040	mg/Kg	☒	06/25/19 07:43	06/25/19 16:33	1
Chromium	7.8		1.1	0.55	mg/Kg	☒	06/25/19 07:43	06/25/19 16:33	1
Lead	150		0.55	0.25	mg/Kg	☒	06/25/19 07:43	06/25/19 16:33	1
Selenium	<0.65		1.1	0.65	mg/Kg	☒	06/25/19 07:43	06/25/19 16:33	1
Silver	0.78		0.55	0.14	mg/Kg	☒	06/25/19 07:43	06/25/19 16:33	1

Method: 7471B - Mercury (CVAA)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	280		20	6.5	ug/Kg	☒	06/24/19 15:20	06/25/19 09:09	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-165506-1

Client Sample ID: Solid Sample #2

Lab Sample ID: 500-165506-2

Date Collected: 06/20/19 00:00

Matrix: Solid

Date Received: 06/21/19 09:20

Percent Solids: 73.2

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	500		220	40	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Acenaphthylene	93	J	220	30	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Anthracene	1200		220	38	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Benzo[a]anthracene	3500		220	30	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Benzo[a]pyrene	3300	*	220	44	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Benzo[b]fluoranthene	5600	*	220	49	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Benzo[g,h,i]perylene	860	*	220	72	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Benzo[k]fluoranthene	1900	*	220	66	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Chrysene	3700		220	61	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Dibenz(a,h)anthracene	300	*	220	43	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Fluoranthene	5800		220	42	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Fluorene	630		220	32	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Indeno[1,2,3-cd]pyrene	910	*	220	58	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Naphthalene	740		220	35	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Phenanthrene	5000		220	31	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
Pyrene	6900		220	45	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
1-Methylnaphthalene	690		450	55	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5
2-Methylnaphthalene	1200		450	41	ug/Kg	☒	06/25/19 08:16	06/26/19 17:04	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	106		37 - 147	06/25/19 08:16	06/26/19 17:04	5
Terphenyl-d14 (Surr)	116		42 - 157	06/25/19 08:16	06/26/19 17:04	5
2-Fluorobiphenyl (Surr)	95		43 - 145	06/25/19 08:16	06/26/19 17:04	5

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<78		220	78	ug/Kg	☒	06/24/19 18:15	06/25/19 13:51	10
PCB-1221	<98		220	98	ug/Kg	☒	06/24/19 18:15	06/25/19 13:51	10
PCB-1232	<97		220	97	ug/Kg	☒	06/24/19 18:15	06/25/19 13:51	10
PCB-1242	<73		220	73	ug/Kg	☒	06/24/19 18:15	06/25/19 13:51	10
PCB-1248	<87		220	87	ug/Kg	☒	06/24/19 18:15	06/25/19 13:51	10
PCB-1254	<48		220	48	ug/Kg	☒	06/24/19 18:15	06/25/19 13:51	10
PCB-1260	<110		220	110	ug/Kg	☒	06/24/19 18:15	06/25/19 13:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	102		49 - 129	06/24/19 18:15	06/25/19 13:51	10
DCB Decachlorobiphenyl	136	X	37 - 121	06/24/19 18:15	06/25/19 13:51	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		1.2	0.42	mg/Kg	☒	06/25/19 07:43	06/25/19 16:37	1
Barium	540		1.2	0.14	mg/Kg	☒	06/25/19 07:43	06/25/19 16:37	1
Cadmium	1.7	B	0.25	0.044	mg/Kg	☒	06/25/19 07:43	06/25/19 16:37	1
Chromium	74		1.2	0.61	mg/Kg	☒	06/25/19 07:43	06/25/19 16:37	1
Lead	760		0.61	0.28	mg/Kg	☒	06/25/19 07:43	06/25/19 16:37	1
Selenium	0.72	J	1.2	0.72	mg/Kg	☒	06/25/19 07:43	06/25/19 16:37	1
Silver	1.3		0.61	0.16	mg/Kg	☒	06/25/19 07:43	06/25/19 16:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	370		20	6.7	ug/Kg	☒	06/24/19 15:20	06/25/19 09:11	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-165506-1

Client Sample ID: **Jatco Soil** (Jatco Cover Soil)

Lab Sample ID: **500-165506-3**

Date Collected: 06/20/19 00:00

Matrix: Solid

Date Received: 06/21/19 09:20

Percent Solids: 96.7

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.1		34	6.1	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Acenaphthylene	<4.5		34	4.5	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Anthracene	<5.7		34	5.7	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Benzo[a]anthracene	<4.6		34	4.6	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Benzo[a]pyrene	<6.6		34	6.6	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Benzo[b]fluoranthene	<7.4		34	7.4	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Benzo[g,h,i]perylene	<11		34	11	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Benzo[k]fluoranthene	<10		34	10	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Chrysene	<9.3		34	9.3	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Dibenz[a,h]anthracene	<6.6		34	6.6	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Fluoranthene	<6.3		34	6.3	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Fluorene	<4.8		34	4.8	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Indeno[1,2,3-cd]pyrene	<8.8		34	8.8	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Naphthalene	<5.3		34	5.3	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Phenanthrene	<4.8		34	4.8	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
Pyrene	<6.8		34	6.8	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
1-Methylnaphthalene	<8.3		69	8.3	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1
2-Methylnaphthalene	<6.3		69	6.3	ug/Kg	☒	06/25/19 08:16	06/25/19 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		37 - 147	06/25/19 08:16	06/25/19 19:58	1
Terphenyl-d14 (Surr)	91		42 - 157	06/25/19 08:16	06/25/19 19:58	1
2-Fluorobiphenyl (Surr)	79		43 - 145	06/25/19 08:16	06/25/19 19:58	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<5.9		17	5.9	ug/Kg	☒	06/24/19 18:15	06/25/19 14:07	1
PCB-1221	<7.3		17	7.3	ug/Kg	☒	06/24/19 18:15	06/25/19 14:07	1
PCB-1232	<7.2		17	7.2	ug/Kg	☒	06/24/19 18:15	06/25/19 14:07	1
PCB-1242	<5.5		17	5.5	ug/Kg	☒	06/24/19 18:15	06/25/19 14:07	1
PCB-1248	<6.5		17	6.5	ug/Kg	☒	06/24/19 18:15	06/25/19 14:07	1
PCB-1254	<3.6		17	3.6	ug/Kg	☒	06/24/19 18:15	06/25/19 14:07	1
PCB-1260	<8.2		17	8.2	ug/Kg	☒	06/24/19 18:15	06/25/19 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		49 - 129	06/24/19 18:15	06/25/19 14:07	1
DCB Decachlorobiphenyl	82		37 - 121	06/24/19 18:15	06/25/19 14:07	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.48	J	0.94	0.32	mg/Kg	☒	06/25/19 07:43	06/25/19 16:41	1
Barium	8.6		0.94	0.11	mg/Kg	☒	06/25/19 07:43	06/25/19 16:41	1
Cadmium	0.13	J B	0.19	0.034	mg/Kg	☒	06/25/19 07:43	06/25/19 16:41	1
Chromium	3.0		0.94	0.47	mg/Kg	☒	06/25/19 07:43	06/25/19 16:41	1
Lead	1.4		0.47	0.22	mg/Kg	☒	06/25/19 07:43	06/25/19 16:41	1
Selenium	<0.56		0.94	0.56	mg/Kg	☒	06/25/19 07:43	06/25/19 16:41	1
Silver	0.49		0.47	0.12	mg/Kg	☒	06/25/19 07:43	06/25/19 16:41	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<5.5		17	5.5	ug/Kg	☒	06/24/19 15:20	06/25/19 09:13	1

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Environment Testing
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ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-167373-1
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:
7/31/2019 4:11:56 PM
Jim Knapp, Project Manager II
(630)758-0262
jim.knapp@testamericainc.com

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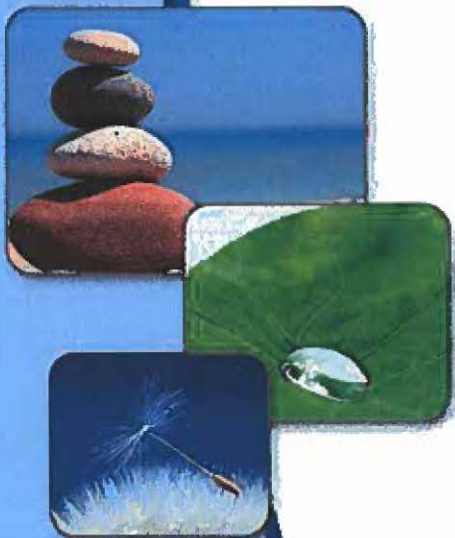
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Results relate only to the items tested and the sample(s) as received by the laboratory.



Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: QC #1

Lab Sample ID: 500-167373-1

Date Collected: 07/24/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 80.1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0095	J	0.041	0.0074	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Acenaphthylene	0.0058	J F1	0.041	0.0054	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Anthracene	0.031	J	0.041	0.0069	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Benzo[a]anthracene	0.19		0.041	0.0055	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Benzo[a]pyrene	0.24		0.041	0.0079	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Benzo[b]fluoranthene	0.31	F1 F2	0.041	0.0089	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Benzo[g,h,i]perylene	0.12	F1	0.041	0.013	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Benzo[k]fluoranthene	0.14		0.041	0.012	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Chrysene	0.23		0.041	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Dibenz(a,h)anthracene	0.033	J F1	0.041	0.0079	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Fluoranthene	0.47	F2	0.041	0.0076	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Fluorene	0.012	J	0.041	0.0058	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Indeno[1,2,3-cd]pyrene	0.12	F1	0.041	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Naphthalene	0.0076	J F1 F2	0.041	0.0063	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Phenanthrene	0.21	F2	0.041	0.0057	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
Pyrene	0.39	F2	0.041	0.0082	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
1-Methylnaphthalene	<0.010	F1	0.083	0.010	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1
2-Methylnaphthalene	0.010	J F1	0.083	0.0075	mg/Kg	☒	07/29/19 08:28	07/29/19 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	53		37 - 147	07/29/19 08:28	07/29/19 20:16	1
Terphenyl-d14 (Surr)	105		42 - 157	07/29/19 08:28	07/29/19 20:16	1
2-Fluorobiphenyl (Surr)	68		43 - 145	07/29/19 08:28	07/29/19 20:16	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0071	F2	0.020	0.0071	mg/Kg	☒	07/29/19 08:25	07/29/19 16:11	1
PCB-1221	<0.0088		0.020	0.0088	mg/Kg	☒	07/29/19 08:25	07/29/19 16:11	1
PCB-1232	<0.0087		0.020	0.0087	mg/Kg	☒	07/29/19 08:25	07/29/19 16:11	1
PCB-1242	<0.0066		0.020	0.0066	mg/Kg	☒	07/29/19 08:25	07/29/19 16:11	1
PCB-1248	<0.0079		0.020	0.0079	mg/Kg	☒	07/29/19 08:25	07/29/19 16:11	1
PCB-1254	0.060		0.020	0.0043	mg/Kg	☒	07/29/19 08:25	07/29/19 16:11	1
PCB-1260	<0.0098	F1 F2	0.020	0.0098	mg/Kg	☒	07/29/19 08:25	07/29/19 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		49 - 129	07/29/19 08:25	07/29/19 16:11	1
DCB Decachlorobiphenyl	87		37 - 121	07/29/19 08:25	07/29/19 16:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2		1.1	0.37	mg/Kg	☒	07/30/19 08:34	07/30/19 16:36	1
Barium	39		1.1	0.12	mg/Kg	☒	07/30/19 08:34	07/30/19 16:36	1
Cadmium	0.33	B	0.22	0.039	mg/Kg	☒	07/30/19 08:34	07/30/19 16:36	1
Chromium	8.8		1.1	0.54	mg/Kg	☒	07/30/19 08:34	07/30/19 16:36	1
Lead	64		0.55	0.25	mg/Kg	☒	07/30/19 08:34	07/30/19 16:36	1
Selenium	0.66	J B	1.1	0.64	mg/Kg	☒	07/30/19 08:34	07/30/19 16:36	1
Silver	0.70		0.55	0.14	mg/Kg	☒	07/30/19 08:34	07/30/19 16:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.019	0.0063	mg/Kg	☒	07/30/19 14:15	07/31/19 08:22	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: QC #2

Lab Sample ID: 500-167373-2

Date Collected: 07/24/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 77.8

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.012	J	0.041	0.0074	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Acenaphthylene	0.0084	J	0.041	0.0054	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Anthracene	0.043		0.041	0.0069	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Benzo[a]anthracene	0.18		0.041	0.0055	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Benzo[a]pyrene	0.22		0.041	0.0080	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Benzo[b]fluoranthene	0.27		0.041	0.0089	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Benzo[g,h,i]perylene	0.10		0.041	0.013	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Benzo[k]fluoranthene	0.12		0.041	0.012	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Chrysene	0.21		0.041	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Dibenz(a,h)anthracene	0.028	J	0.041	0.0080	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Fluoranthene	0.37		0.041	0.0076	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Fluorene	0.015	J	0.041	0.0058	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Indeno[1,2,3-cd]pyrene	0.10		0.041	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Naphthalene	0.013	J	0.041	0.0063	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Phenanthrene	0.18		0.041	0.0057	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Pyrene	0.33		0.041	0.0082	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
1-Methylnaphthalene	0.016	J	0.083	0.010	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
2-Methylnaphthalene	0.032	J	0.083	0.0076	mg/Kg	☒	07/29/19 08:28	07/29/19 20:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	49		37 - 147				07/29/19 08:28	07/29/19 20:41	1
Terphenyl-d14 (Surr)	93		42 - 157				07/29/19 08:28	07/29/19 20:41	1
2-Fluorobiphenyl (Surr)	63		43 - 145				07/29/19 08:28	07/29/19 20:41	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.072		0.20	0.072	mg/Kg	☒	07/29/19 08:25	07/29/19 16:58	10
PCB-1221	<0.090		0.20	0.090	mg/Kg	☒	07/29/19 08:25	07/29/19 16:58	10
PCB-1232	<0.089		0.20	0.089	mg/Kg	☒	07/29/19 08:25	07/29/19 16:58	10
PCB-1242	<0.067		0.20	0.067	mg/Kg	☒	07/29/19 08:25	07/29/19 16:58	10
PCB-1248	<0.080		0.20	0.080	mg/Kg	☒	07/29/19 08:25	07/29/19 16:58	10
PCB-1254	<0.044		0.20	0.044	mg/Kg	☒	07/29/19 08:25	07/29/19 16:58	10
PCB-1260	<0.10		0.20	0.10	mg/Kg	☒	07/29/19 08:25	07/29/19 16:58	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	125		49 - 129				07/29/19 08:25	07/29/19 16:58	10
DCB Decachlorobiphenyl	133	X	37 - 121				07/29/19 08:25	07/29/19 16:58	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.6		1.1	0.37	mg/Kg	☒	07/30/19 08:34	07/30/19 16:40	1
Barium	63		1.1	0.12	mg/Kg	☒	07/30/19 08:34	07/30/19 16:40	1
Cadmium	0.43	B	0.22	0.039	mg/Kg	☒	07/30/19 08:34	07/30/19 16:40	1
Chromium	13		1.1	0.53	mg/Kg	☒	07/30/19 08:34	07/30/19 16:40	1
Lead	150		0.54	0.25	mg/Kg	☒	07/30/19 08:34	07/30/19 16:40	1
Selenium	0.73	J B	1.1	0.64	mg/Kg	☒	07/30/19 08:34	07/30/19 16:40	1
Silver	0.96		0.54	0.14	mg/Kg	☒	07/30/19 08:34	07/30/19 16:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.39		0.021	0.0069	mg/Kg	☒	07/30/19 14:15	07/31/19 08:24	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid sample #1-300yds

Lab Sample ID: 500-167373-3

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 87.7

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.031	J	0.036	0.0065	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Acenaphthylene	0.014	J	0.036	0.0048	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Anthracene	0.11		0.036	0.0061	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Benzo[a]anthracene	0.44		0.036	0.0049	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Benzo[a]pyrene	0.46		0.036	0.0070	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Benzo[b]fluoranthene	0.63		0.036	0.0078	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Benzo[g,h,i]perylene	0.16		0.036	0.012	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Benzo[k]fluoranthene	0.32		0.036	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Chrysene	0.48		0.036	0.0099	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Dibenz(a,h)anthracene	0.051		0.036	0.0070	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Fluoranthene	0.99		0.036	0.0067	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Fluorene	0.035	J	0.036	0.0051	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Indeno[1,2,3-cd]pyrene	0.17		0.036	0.0094	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Naphthalene	0.020	J	0.036	0.0056	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Phenanthrene	0.46		0.036	0.0051	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Pyrene	0.82		0.036	0.0072	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
1-Methylnaphthalene	0.019	J	0.073	0.0089	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
2-Methylnaphthalene	0.031	J	0.073	0.0067	mg/Kg	☒	07/29/19 08:28	07/29/19 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	51		37 - 147				07/29/19 08:28	07/29/19 21:07	1
Terphenyl-d14 (Surr)	83		42 - 157				07/29/19 08:28	07/29/19 21:07	1
2-Fluorobiphenyl (Surr)	64		43 - 145				07/29/19 08:28	07/29/19 21:07	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.067		0.19	0.067	mg/Kg	☒	07/29/19 08:25	07/29/19 17:13	10
PCB-1221	<0.083		0.19	0.083	mg/Kg	☒	07/29/19 08:25	07/29/19 17:13	10
PCB-1232	<0.082		0.19	0.082	mg/Kg	☒	07/29/19 08:25	07/29/19 17:13	10
PCB-1242	<0.062		0.19	0.062	mg/Kg	☒	07/29/19 08:25	07/29/19 17:13	10
PCB-1248	<0.075		0.19	0.075	mg/Kg	☒	07/29/19 08:25	07/29/19 17:13	10
PCB-1254	<0.041		0.19	0.041	mg/Kg	☒	07/29/19 08:25	07/29/19 17:13	10
PCB-1260	<0.093		0.19	0.093	mg/Kg	☒	07/29/19 08:25	07/29/19 17:13	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	98		49 - 129				07/29/19 08:25	07/29/19 17:13	10
DCB Decachlorobiphenyl	104		37 - 121				07/29/19 08:25	07/29/19 17:13	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		1.0	0.36	mg/Kg	☒	07/30/19 08:34	07/30/19 16:44	1
Barium	84		1.0	0.12	mg/Kg	☒	07/30/19 08:34	07/30/19 16:44	1
Cadmium	0.61	B	0.21	0.037	mg/Kg	☒	07/30/19 08:34	07/30/19 16:44	1
Chromium	18		1.0	0.51	mg/Kg	☒	07/30/19 08:34	07/30/19 16:44	1
Lead	210		0.52	0.24	mg/Kg	☒	07/30/19 08:34	07/30/19 16:44	1
Selenium	0.75	J B	1.0	0.61	mg/Kg	☒	07/30/19 08:34	07/30/19 16:44	1
Silver	0.94		0.52	0.13	mg/Kg	☒	07/30/19 08:34	07/30/19 16:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.081		0.019	0.0062	mg/Kg	☒	07/30/19 14:15	07/31/19 08:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #7

Lab Sample ID: 500-167373-5

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 78.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.016	J	0.042	0.0075	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Acenaphthylene	0.012	J	0.042	0.0055	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Anthracene	0.044		0.042	0.0070	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Benzo[a]anthracene	0.11		0.042	0.0056	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Benzo[a]pyrene	0.17		0.042	0.0081	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Benzo[b]fluoranthene	0.20		0.042	0.0090	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Benzo[g,h,i]perylene	0.058		0.042	0.013	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Benzo[k]fluoranthene	0.12		0.042	0.012	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Chrysene	0.17		0.042	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Dibenz(a,h)anthracene	0.019	J	0.042	0.0081	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Fluoranthene	0.29		0.042	0.0077	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Fluorene	0.023	J	0.042	0.0059	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Indeno[1,2,3-cd]pyrene	0.068		0.042	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Naphthalene	0.056		0.042	0.0064	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Phenanthrene	0.20		0.042	0.0058	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Pyrene	0.28		0.042	0.0083	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
1-Methylnaphthalene	0.044	J	0.084	0.010	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
2-Methylnaphthalene	0.081	J	0.084	0.0077	mg/Kg	☒	07/29/19 08:28	07/29/19 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	36	X	37 - 147				07/29/19 08:28	07/29/19 21:33	1
Terphenyl-d14 (Surr)	99		42 - 157				07/29/19 08:28	07/29/19 21:33	1
2-Fluorobiphenyl (Surr)	49		43 - 145				07/29/19 08:28	07/29/19 21:33	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.074		0.21	0.074	mg/Kg	☒	07/29/19 08:25	07/29/19 17:29	10
PCB-1221	<0.092		0.21	0.092	mg/Kg	☒	07/29/19 08:25	07/29/19 17:29	10
PCB-1232	<0.091		0.21	0.091	mg/Kg	☒	07/29/19 08:25	07/29/19 17:29	10
PCB-1242	<0.069		0.21	0.069	mg/Kg	☒	07/29/19 08:25	07/29/19 17:29	10
PCB-1248	<0.082		0.21	0.082	mg/Kg	☒	07/29/19 08:25	07/29/19 17:29	10
PCB-1254	<0.045		0.21	0.045	mg/Kg	☒	07/29/19 08:25	07/29/19 17:29	10
PCB-1260	<0.10		0.21	0.10	mg/Kg	☒	07/29/19 08:25	07/29/19 17:29	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	109		49 - 129				07/29/19 08:25	07/29/19 17:29	10
DCB Decachlorobiphenyl	121		37 - 121				07/29/19 08:25	07/29/19 17:29	10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		1.2	0.40	mg/Kg	☒	07/30/19 08:34	07/30/19 16:48	1
Barium	160		1.2	0.13	mg/Kg	☒	07/30/19 08:34	07/30/19 16:48	1
Cadmium	0.58	B	0.23	0.042	mg/Kg	☒	07/30/19 08:34	07/30/19 16:48	1
Chromium	19		1.2	0.57	mg/Kg	☒	07/30/19 08:34	07/30/19 16:48	1
Lead	630		0.58	0.27	mg/Kg	☒	07/30/19 08:34	07/30/19 16:48	1
Selenium	<0.68		1.2	0.68	mg/Kg	☒	07/30/19 08:34	07/30/19 16:48	1
Silver	0.91		0.58	0.15	mg/Kg	☒	07/30/19 08:34	07/30/19 16:48	1

Method: 7471B - Mercury (CVAA)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.47		0.021	0.0069	mg/Kg	☒	07/30/19 14:15	07/31/19 08:28	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #8

Lab Sample ID: 500-167373-6

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 78.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.020	J	0.040	0.0073	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Acenaphthylene	0.0099	J	0.040	0.0054	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Anthracene	0.11		0.040	0.0068	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Benzo[a]anthracene	0.42		0.040	0.0055	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Benzo[a]pyrene	0.44		0.040	0.0079	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Benzo[b]fluoranthene	0.64		0.040	0.0088	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Benzo[g,h,i]perylene	0.14		0.040	0.013	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Benzo[k]fluoranthene	0.19		0.040	0.012	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Chrysene	0.44		0.040	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Dibenz(a,h)anthracene	0.046		0.040	0.0079	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Fluoranthene	0.98		0.040	0.0076	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Fluorene	0.026	J	0.040	0.0057	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Indeno[1,2,3-cd]pyrene	0.16		0.040	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Naphthalene	0.031	J	0.040	0.0063	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Phenanthrene	0.45		0.040	0.0057	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Pyrene	0.78		0.040	0.0081	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
1-Methylnaphthalene	0.029	J	0.082	0.010	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
2-Methylnaphthalene	0.051	J	0.082	0.0075	mg/Kg	☒	07/29/19 08:28	07/29/19 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	43		37 - 147				07/29/19 08:28	07/29/19 21:59	1
Terphenyl-d14 (Surr)	85		42 - 157				07/29/19 08:28	07/29/19 21:59	1
2-Fluorobiphenyl (Surr)	56		43 - 145				07/29/19 08:28	07/29/19 21:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.074		0.21	0.074	mg/Kg	☒	07/29/19 08:25	07/29/19 17:44	10
PCB-1221	<0.092		0.21	0.092	mg/Kg	☒	07/29/19 08:25	07/29/19 17:44	10
PCB-1232	<0.091		0.21	0.091	mg/Kg	☒	07/29/19 08:25	07/29/19 17:44	10
PCB-1242	<0.069		0.21	0.069	mg/Kg	☒	07/29/19 08:25	07/29/19 17:44	10
PCB-1248	<0.083		0.21	0.083	mg/Kg	☒	07/29/19 08:25	07/29/19 17:44	10
PCB-1254	<0.045		0.21	0.045	mg/Kg	☒	07/29/19 08:25	07/29/19 17:44	10
PCB-1260	<0.10		0.21	0.10	mg/Kg	☒	07/29/19 08:25	07/29/19 17:44	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	120		49 - 129				07/29/19 08:25	07/29/19 17:44	10
DCB Decachlorobiphenyl	126	X	37 - 121				07/29/19 08:25	07/29/19 17:44	10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		1.1	0.37	mg/Kg	☒	07/30/19 08:34	07/30/19 16:52	1
Barium	77		1.1	0.12	mg/Kg	☒	07/30/19 08:34	07/30/19 16:52	1
Cadmium	0.42	B	0.22	0.039	mg/Kg	☒	07/30/19 08:34	07/30/19 16:52	1
Chromium	12		1.1	0.54	mg/Kg	☒	07/30/19 08:34	07/30/19 16:52	1
Lead	320		0.54	0.25	mg/Kg	☒	07/30/19 08:34	07/30/19 16:52	1
Selenium	<0.64		1.1	0.64	mg/Kg	☒	07/30/19 08:34	07/30/19 16:52	1
Silver	0.72		0.54	0.14	mg/Kg	☒	07/30/19 08:34	07/30/19 16:52	1

Method: 7471B - Mercury (CVAA)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.62		0.021	0.0068	mg/Kg	☒	07/30/19 14:15	07/31/19 08:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #9

Lab Sample ID: 500-167373-7

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 98.0

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.015	J	0.033	0.0060	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Acenaphthylene	0.0096	J	0.033	0.0044	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Anthracene	0.064		0.033	0.0056	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Benzo[a]anthracene	0.20		0.033	0.0045	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Benzo[a]pyrene	0.25		0.033	0.0065	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Benzo[b]fluoranthene	0.33		0.033	0.0072	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Benzo[g,h,i]perylene	0.073		0.033	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Benzo[k]fluoranthene	0.17		0.033	0.0099	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Chrysene	0.26		0.033	0.0091	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Dibenz(a,h)anthracene	0.022	J	0.033	0.0065	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Fluoranthene	0.50		0.033	0.0062	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Fluorene	0.022	J	0.033	0.0047	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Indeno[1,2,3-cd]pyrene	0.081		0.033	0.0087	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Naphthalene	0.041		0.033	0.0051	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Phenanthrene	0.28		0.033	0.0047	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Pyrene	0.40		0.033	0.0066	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
1-Methylnaphthalene	0.040	J	0.067	0.0082	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
2-Methylnaphthalene	0.072		0.067	0.0062	mg/Kg	☒	07/29/19 08:28	07/29/19 22:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	66		37 - 147				07/29/19 08:28	07/29/19 22:24	1
Terphenyl-d14 (Surr)	97		42 - 157				07/29/19 08:28	07/29/19 22:24	1
2-Fluorobiphenyl (Surr)	83		43 - 145				07/29/19 08:28	07/29/19 22:24	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.060		0.17	0.060	mg/Kg	☒	07/29/19 08:25	07/29/19 18:00	10
PCB-1221	<0.074		0.17	0.074	mg/Kg	☒	07/29/19 08:25	07/29/19 18:00	10
PCB-1232	<0.074		0.17	0.074	mg/Kg	☒	07/29/19 08:25	07/29/19 18:00	10
PCB-1242	<0.056		0.17	0.056	mg/Kg	☒	07/29/19 08:25	07/29/19 18:00	10
PCB-1248	<0.067		0.17	0.067	mg/Kg	☒	07/29/19 08:25	07/29/19 18:00	10
PCB-1254	<0.036		0.17	0.036	mg/Kg	☒	07/29/19 08:25	07/29/19 18:00	10
PCB-1260	<0.083		0.17	0.083	mg/Kg	☒	07/29/19 08:25	07/29/19 18:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		49 - 129				07/29/19 08:25	07/29/19 18:00	10
DCB Decachlorobiphenyl	99		37 - 121				07/29/19 08:25	07/29/19 18:00	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.6		0.87	0.30	mg/Kg	☒	07/30/19 08:34	07/30/19 16:56	1
Barium	76		0.87	0.099	mg/Kg	☒	07/30/19 08:34	07/30/19 16:56	1
Cadmium	0.31	B	0.17	0.031	mg/Kg	☒	07/30/19 08:34	07/30/19 16:56	1
Chromium	14		0.87	0.43	mg/Kg	☒	07/30/19 08:34	07/30/19 16:56	1
Lead	200		0.44	0.20	mg/Kg	☒	07/30/19 08:34	07/30/19 16:56	1
Selenium	<0.51		0.87	0.51	mg/Kg	☒	07/30/19 08:34	07/30/19 16:56	1
Silver	0.71		0.44	0.11	mg/Kg	☒	07/30/19 08:34	07/30/19 16:56	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.35		0.017	0.0056	mg/Kg	☒	07/30/19 14:15	07/31/19 08:35	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #0

Lab Sample ID: 500-167373-8

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 89.5

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.12	J	0.36	0.065	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Acenaphthylene	<0.048		0.36	0.048	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Anthracene	0.40		0.36	0.061	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Benzo[a]anthracene	1.2		0.36	0.049	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Benzo[a]pyrene	1.4		0.36	0.070	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Benzo[b]fluoranthene	2.0		0.36	0.078	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Benzo[g,h,i]perylene	0.37		0.36	0.12	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Benzo[k]fluoranthene	0.67		0.36	0.11	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Chrysene	1.3		0.36	0.099	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Dibenz(a,h)anthracene	0.11	J	0.36	0.070	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Fluoranthene	2.5		0.36	0.067	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Fluorene	0.16	J	0.36	0.051	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Indeno[1,2,3-cd]pyrene	0.44		0.36	0.094	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Naphthalene	0.11	J	0.36	0.056	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Phenanthrene	1.6		0.36	0.051	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
Pyrene	2.3		0.36	0.072	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
1-Methylnaphthalene	0.12	J	0.73	0.089	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10
2-Methylnaphthalene	0.18	J	0.73	0.067	mg/Kg	☒	07/29/19 08:28	07/30/19 00:08	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	64		37 - 147	07/29/19 08:28	07/30/19 00:08	10
Terphenyl-d14 (Surr)	110		42 - 157	07/29/19 08:28	07/30/19 00:08	10
2-Fluorobiphenyl (Surr)	84		43 - 145	07/29/19 08:28	07/30/19 00:08	10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.065		0.18	0.065	mg/Kg	☒	07/29/19 08:25	07/29/19 18:15	10
PCB-1221	<0.081		0.18	0.081	mg/Kg	☒	07/29/19 08:25	07/29/19 18:15	10
PCB-1232	<0.080		0.18	0.080	mg/Kg	☒	07/29/19 08:25	07/29/19 18:15	10
PCB-1242	<0.060		0.18	0.060	mg/Kg	☒	07/29/19 08:25	07/29/19 18:15	10
PCB-1248	<0.072		0.18	0.072	mg/Kg	☒	07/29/19 08:25	07/29/19 18:15	10
PCB-1254	<0.039		0.18	0.039	mg/Kg	☒	07/29/19 08:25	07/29/19 18:15	10
PCB-1260	<0.090		0.18	0.090	mg/Kg	☒	07/29/19 08:25	07/29/19 18:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		49 - 129	07/29/19 08:25	07/29/19 18:15	10
DCB Decachlorobiphenyl	107		37 - 121	07/29/19 08:25	07/29/19 18:15	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		1.0	0.34	mg/Kg	☒	07/30/19 08:34	07/30/19 16:59	1
Barium	160		1.0	0.11	mg/Kg	☒	07/30/19 08:34	07/30/19 16:59	1
Cadmium	0.89	B	0.20	0.036	mg/Kg	☒	07/30/19 08:34	07/30/19 16:59	1
Chromium	31		1.0	0.49	mg/Kg	☒	07/30/19 08:34	07/30/19 16:59	1
Lead	720		0.50	0.23	mg/Kg	☒	07/30/19 08:34	07/30/19 16:59	1
Selenium	0.73	J B	1.0	0.59	mg/Kg	☒	07/30/19 08:34	07/30/19 16:59	1
Silver	0.95		0.50	0.13	mg/Kg	☒	07/30/19 08:34	07/30/19 16:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.33		0.018	0.0059	mg/Kg	☒	07/30/19 14:15	07/31/19 08:38	1

Euofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #11

Lab Sample ID: 500-167373-9

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 75.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.23	J	0.43	0.078	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Acenaphthylene	0.095	J	0.43	0.057	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Anthracene	0.46		0.43	0.072	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Benzo[a]anthracene	1.4		0.43	0.058	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Benzo[a]pyrene	1.5		0.43	0.084	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Benzo[b]fluoranthene	2.2		0.43	0.093	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Benzo[g,h,i]perylene	0.40	J	0.43	0.14	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Benzo[k]fluoranthene	0.80		0.43	0.13	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Chrysene	1.6		0.43	0.12	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Dibenz(a,h)anthracene	0.13	J	0.43	0.084	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Fluoranthene	2.9		0.43	0.080	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Fluorene	0.25	J	0.43	0.061	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Indeno[1,2,3-cd]pyrene	0.54		0.43	0.11	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Naphthalene	0.58		0.43	0.067	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Phenanthrene	2.4		0.43	0.060	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Pyrene	2.8		0.43	0.086	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
1-Methylnaphthalene	0.51	J	0.87	0.11	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
2-Methylnaphthalene	0.91		0.87	0.080	mg/Kg	☒	07/29/19 08:28	07/30/19 00:33	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	74		37 - 147				07/29/19 08:28	07/30/19 00:33	10
Terphenyl-d14 (Surr)	123		42 - 157				07/29/19 08:28	07/30/19 00:33	10
2-Fluorobiphenyl (Surr)	98		43 - 145				07/29/19 08:28	07/30/19 00:33	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.076		0.22	0.076	mg/Kg	☒	07/29/19 08:25	07/29/19 18:30	10
PCB-1221	<0.095		0.22	0.095	mg/Kg	☒	07/29/19 08:25	07/29/19 18:30	10
PCB-1232	<0.094		0.22	0.094	mg/Kg	☒	07/29/19 08:25	07/29/19 18:30	10
PCB-1242	<0.071		0.22	0.071	mg/Kg	☒	07/29/19 08:25	07/29/19 18:30	10
PCB-1248	<0.085		0.22	0.085	mg/Kg	☒	07/29/19 08:25	07/29/19 18:30	10
PCB-1254	<0.046		0.22	0.046	mg/Kg	☒	07/29/19 08:25	07/29/19 18:30	10
PCB-1260	<0.11		0.22	0.11	mg/Kg	☒	07/29/19 08:25	07/29/19 18:30	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		49 - 129				07/29/19 08:25	07/29/19 18:30	10
DCB Decachlorobiphenyl	137	X	37 - 121				07/29/19 08:25	07/29/19 18:30	10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		1.1	0.39	mg/Kg	☒	07/30/19 08:34	07/30/19 17:03	1
Barium	620		1.1	0.13	mg/Kg	☒	07/30/19 08:34	07/30/19 17:03	1
Cadmium	0.88	B	0.23	0.041	mg/Kg	☒	07/30/19 08:34	07/30/19 17:03	1
Chromium	46		1.1	0.56	mg/Kg	☒	07/30/19 08:34	07/30/19 17:03	1
Lead	490		0.57	0.26	mg/Kg	☒	07/30/19 08:34	07/30/19 17:03	1
Selenium	0.83	J B	1.1	0.67	mg/Kg	☒	07/30/19 08:34	07/30/19 17:03	1
Silver	0.96		0.57	0.15	mg/Kg	☒	07/30/19 08:34	07/30/19 17:03	1

Method: 7471B - Mercury (CVAA)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.4		0.20	0.068	mg/Kg	☒	07/30/19 14:15	07/31/19 12:31	10

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #12

Lab Sample ID: 500-167373-10

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 96.5

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.16		0.034	0.0061	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Acenaphthylene	0.010	J	0.034	0.0045	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Anthracene	0.30		0.034	0.0057	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Benzo[a]anthracene	0.96		0.034	0.0046	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Benzo[a]pyrene	0.91		0.034	0.0065	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Benzo[b]fluoranthene	1.4		0.034	0.0073	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Benzo[g,h,i]perylene	0.27		0.034	0.011	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Benzo[k]fluoranthene	0.56		0.034	0.010	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Chrysene	0.98		0.034	0.0092	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Dibenz(a,h)anthracene	0.088		0.034	0.0065	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Fluoranthene	2.3		0.034	0.0063	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Fluorene	0.17		0.034	0.0048	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Indeno[1,2,3-cd]pyrene	0.28		0.034	0.0088	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Naphthalene	0.069		0.034	0.0052	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Phenanthrene	1.7		0.034	0.0047	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Pyrene	1.8		0.034	0.0067	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
1-Methylnaphthalene	0.033	J	0.068	0.0083	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
2-Methylnaphthalene	0.044	J	0.068	0.0062	mg/Kg	☒	07/29/19 08:28	07/29/19 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	68		37 - 147				07/29/19 08:28	07/29/19 22:50	1
Terphenyl-d14 (Surr)	104		42 - 157				07/29/19 08:28	07/29/19 22:50	1
2-Fluorobiphenyl (Surr)	89		43 - 145				07/29/19 08:28	07/29/19 22:50	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.061		0.17	0.061	mg/Kg	☒	07/29/19 08:25	07/29/19 18:46	10
PCB-1221	<0.076		0.17	0.076	mg/Kg	☒	07/29/19 08:25	07/29/19 18:46	10
PCB-1232	<0.075		0.17	0.075	mg/Kg	☒	07/29/19 08:25	07/29/19 18:46	10
PCB-1242	<0.056		0.17	0.056	mg/Kg	☒	07/29/19 08:25	07/29/19 18:46	10
PCB-1248	<0.068		0.17	0.068	mg/Kg	☒	07/29/19 08:25	07/29/19 18:46	10
PCB-1254	0.16	J	0.17	0.037	mg/Kg	☒	07/29/19 08:25	07/29/19 18:46	10
PCB-1260	<0.084		0.17	0.084	mg/Kg	☒	07/29/19 08:25	07/29/19 18:46	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		49 - 129				07/29/19 08:25	07/29/19 18:46	10
DCB Decachlorobiphenyl	111		37 - 121				07/29/19 08:25	07/29/19 18:46	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.97		0.95	0.33	mg/Kg	☒	07/30/19 08:34	07/30/19 17:07	1
Barium	28		0.95	0.11	mg/Kg	☒	07/30/19 08:34	07/30/19 17:07	1
Cadmium	0.29	B	0.19	0.034	mg/Kg	☒	07/30/19 08:34	07/30/19 17:07	1
Chromium	6.9		0.95	0.47	mg/Kg	☒	07/30/19 08:34	07/30/19 17:07	1
Lead	17		0.48	0.22	mg/Kg	☒	07/30/19 08:34	07/30/19 17:07	1
Selenium	<0.56		0.95	0.56	mg/Kg	☒	07/30/19 08:34	07/30/19 17:07	1
Silver	0.87		0.48	0.12	mg/Kg	☒	07/30/19 08:34	07/30/19 17:07	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.016	0.0054	mg/Kg	☒	07/30/19 14:15	07/31/19 08:49	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #13

Lab Sample ID: 500-167373-11

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 87.6

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.084	J	0.37	0.067	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Acenaphthylene	<0.049		0.37	0.049	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Anthracene	0.18	J	0.37	0.063	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Benzo[a]anthracene	0.65		0.37	0.050	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Benzo[a]pyrene	0.76		0.37	0.073	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Benzo[b]fluoranthene	0.95		0.37	0.081	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Benzo[g,h,i]perylene	0.18	J	0.37	0.12	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Benzo[k]fluoranthene	0.45		0.37	0.11	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Chrysene	0.71		0.37	0.10	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Dibenz(a,h)anthracene	<0.073		0.37	0.073	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Fluoranthene	1.3		0.37	0.070	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Fluorene	0.082	J	0.37	0.053	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Indeno[1,2,3-cd]pyrene	0.29	J	0.37	0.097	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Naphthalene	0.093	J	0.37	0.058	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Phenanthrene	0.83		0.37	0.052	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
Pyrene	1.2		0.37	0.075	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
1-Methylnaphthalene	<0.092		0.76	0.092	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10
2-Methylnaphthalene	0.13	J	0.76	0.069	mg/Kg	☐	07/29/19 08:28	07/30/19 00:59	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	77		37 - 147	07/29/19 08:28	07/30/19 00:59	10
Terphenyl-d14 (Surr)	120		42 - 157	07/29/19 08:28	07/30/19 00:59	10
2-Fluorobiphenyl (Surr)	98		43 - 145	07/29/19 08:28	07/30/19 00:59	10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.067		0.19	0.067	mg/Kg	☐	07/29/19 08:25	07/29/19 19:01	10
PCB-1221	<0.083		0.19	0.083	mg/Kg	☐	07/29/19 08:25	07/29/19 19:01	10
PCB-1232	<0.083		0.19	0.083	mg/Kg	☐	07/29/19 08:25	07/29/19 19:01	10
PCB-1242	<0.062		0.19	0.062	mg/Kg	☐	07/29/19 08:25	07/29/19 19:01	10
PCB-1248	<0.075		0.19	0.075	mg/Kg	☐	07/29/19 08:25	07/29/19 19:01	10
PCB-1254	<0.041		0.19	0.041	mg/Kg	☐	07/29/19 08:25	07/29/19 19:01	10
PCB-1260	<0.093		0.19	0.093	mg/Kg	☐	07/29/19 08:25	07/29/19 19:01	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	118		49 - 129	07/29/19 08:25	07/29/19 19:01	10
DCB Decachlorobiphenyl	118		37 - 121	07/29/19 08:25	07/29/19 19:01	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.97	0.33	mg/Kg	☐	07/30/19 08:34	07/30/19 17:11	1
Barium	110		0.97	0.11	mg/Kg	☐	07/30/19 08:34	07/30/19 17:11	1
Cadmium	0.53	B	0.19	0.035	mg/Kg	☐	07/30/19 08:34	07/30/19 17:11	1
Chromium	17		0.97	0.48	mg/Kg	☐	07/30/19 08:34	07/30/19 17:11	1
Lead	170		0.49	0.22	mg/Kg	☐	07/30/19 08:34	07/30/19 17:11	1
Selenium	0.84	J B	0.97	0.57	mg/Kg	☐	07/30/19 08:34	07/30/19 17:11	1
Silver	0.99		0.49	0.13	mg/Kg	☐	07/30/19 08:34	07/30/19 17:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50	F2	0.018	0.0059	mg/Kg	☐	07/30/19 14:15	07/31/19 08:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #14

Lab Sample ID: 500-167373-12

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 99.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.070	J	0.17	0.030	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5
Acenaphthylene	0.023	J	0.17	0.022	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5
Anthracene	0.16	J	0.17	0.028	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5
Fluoranthene	0.74		0.17	0.031	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5
Fluorene	0.081	J	0.17	0.024	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5
Naphthalene	0.16	J	0.17	0.026	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5
Phenanthrene	0.65		0.17	0.023	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5
1-Methylnaphthalene	0.15	J	0.34	0.041	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5
2-Methylnaphthalene	0.26	J	0.34	0.031	mg/Kg	☒	07/29/19 08:28	07/30/19 20:31	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		37 - 147	07/29/19 08:28	07/30/19 20:31	5
Terphenyl-d14 (Surr)	200	X	42 - 157	07/29/19 08:28	07/30/19 20:31	5
2-Fluorobiphenyl (Surr)	91		43 - 145	07/29/19 08:28	07/30/19 20:31	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.47		0.33	0.045	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10
Benzo[a]pyrene	0.55		0.33	0.065	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10
Benzo[b]fluoranthene	0.75		0.33	0.072	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10
Benzo[g,h,i]perylene	0.15	J	0.33	0.11	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10
Benzo[k]fluoranthene	0.32	J	0.33	0.099	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10
Chrysene	0.59		0.33	0.091	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10
Dibenz(a,h)anthracene	<0.065		0.33	0.065	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10
Indeno[1,2,3-cd]pyrene	0.24	J	0.33	0.087	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10
Pyrene	0.91		0.33	0.067	mg/Kg	☒	07/29/19 08:28	07/30/19 01:25	10

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	☒	07/29/19 08:25	07/29/19 19:16	10
PCB-1221	<0.073		0.17	0.073	mg/Kg	☒	07/29/19 08:25	07/29/19 19:16	10
PCB-1232	<0.072		0.17	0.072	mg/Kg	☒	07/29/19 08:25	07/29/19 19:16	10
PCB-1242	<0.054		0.17	0.054	mg/Kg	☒	07/29/19 08:25	07/29/19 19:16	10
PCB-1248	<0.065		0.17	0.065	mg/Kg	☒	07/29/19 08:25	07/29/19 19:16	10
PCB-1254	<0.036		0.17	0.036	mg/Kg	☒	07/29/19 08:25	07/29/19 19:16	10
PCB-1260	<0.081		0.17	0.081	mg/Kg	☒	07/29/19 08:25	07/29/19 19:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		49 - 129	07/29/19 08:25	07/29/19 19:16	10
DCB Decachlorobiphenyl	118		37 - 121	07/29/19 08:25	07/29/19 19:16	10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		0.90	0.31	mg/Kg	☒	07/30/19 08:34	07/30/19 17:23	1
Barium	460		0.90	0.10	mg/Kg	☒	07/30/19 08:34	07/30/19 17:23	1
Cadmium	0.81	B	0.18	0.032	mg/Kg	☒	07/30/19 08:34	07/30/19 17:23	1
Chromium	34		0.90	0.44	mg/Kg	☒	07/30/19 08:34	07/30/19 17:23	1
Lead	710		0.45	0.21	mg/Kg	☒	07/30/19 08:34	07/30/19 17:23	1
Selenium	0.70	J B	0.90	0.53	mg/Kg	☒	07/30/19 08:34	07/30/19 17:23	1
Silver	0.83		0.45	0.12	mg/Kg	☒	07/30/19 08:34	07/30/19 17:23	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-167373-1

Client Sample ID: Solid Sample #14

Lab Sample ID: 500-167373-12

Date Collected: 07/25/19 00:00

Matrix: Solid

Date Received: 07/26/19 15:49

Percent Solids: 99.0

Method: 7471B - Mercury (CVAA)									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.4		0.077	0.026	mg/Kg	☼	07/30/19 14:15	07/31/19 12:32	5

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