



Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

October 27, 2017

AES IH DEPARTMENT

URS Energy & Construction, Inc.

2425 River Road, SP-22

Niskayuna, NY 12309

TEL: (518) 630-5165

FAX: (518) 630-5183

Work Order No: 171026086

PO#: 2011-SC-SPRU-29463-100

RE: SPRU - KAPL

Dear ***AES IH DEPARTMENT***:

Adirondack Environmental Services, Inc received 3 samples on 10/26/2017 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to be "K. Trafalski", written over a thin horizontal line.

Krzysztof Trafalski
Laboratory Manager

ELAP#: 10709

CLIENT: URS Energy & Construction, Inc.

Date: 27-Oct-17

Project: SPRU - KAPL

Lab Order: 171026086

The sampling was performed in accordance with the AES field sampling procedures and/or the client specified sampling procedures. Sample containers were supplied by Adirondack Environmental Services.

Qualifiers: ND - Not Detected at reporting limit	C - Details are above in Case Narrative
J - Analyte detected below quantitation limit	S - LCS Spike recovery is below acceptable limits
B - Analyte detected in Blank	S+ - LCS Spike recovery is above acceptable limits
X - Exceeds maximum contamination limit	Z - Duplication outside acceptable limits
H - Hold time exceeded	T - Tentatively Identified Compound-Estimated
N - Matrix Spike below acceptable limits	E -Above quantitation range-Estimated
N+ - Matrix Spike is above acceptable limits	

Note : All Results are reported as wet weight unless noted

The results relate only to the items tested. Information supplied by the client is assumed to be correct.

Adirondack Environmental Services, Inc

Date: 27-Oct-17

CLIENT: URS Energy & Construction, Inc.
Work Order: 171026086
Reference: SPRU - KAPL /
PO#: 2011-SC-SPRU-2946

Client Sample ID: SOL 1
Collection Date: 10/26/2017
Lab Sample ID: 171026086-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3545A - 10/26/2017)						
Phenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Bis(2-chloroethyl)ether	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2-Chlorophenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
1,3-Dichlorobenzene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
1,4-Dichlorobenzene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
1,2-Dichlorobenzene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2-Methylphenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Bis(2-chloroisopropyl)ether	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
4-Methylphenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
N-Nitrosodi-n-propylamine	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Hexachloroethane	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Nitrobenzene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Isophorone	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2-Nitrophenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2,4-Dimethylphenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Bis(2-chloroethoxy)methane	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2,4-Dichlorophenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
1,2,4-Trichlorobenzene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Naphthalene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
4-Chloroaniline	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Hexachlorobutadiene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
4-Chloro-3-methylphenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2-Methylnaphthalene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Hexachlorocyclopentadiene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2,4,6-Trichlorophenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2,4,5-Trichlorophenol	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2-Chloronaphthalene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2-Nitroaniline	ND	1700		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Dimethyl phthalate	460	340	B	µg/Kg-dry	1	10/27/2017 8:57:00 AM
Acenaphthylene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2,6-Dinitrotoluene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
3-Nitroaniline	ND	1700		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Acenaphthene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2,4-Dinitrophenol	ND	1700		µg/Kg-dry	1	10/27/2017 8:57:00 AM
4-Nitrophenol	ND	1700		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Dibenzofuran	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
2,4-Dinitrotoluene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Diethyl phthalate	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
4-Chlorophenyl phenyl ether	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Fluorene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM

Adirondack Environmental Services, Inc

Date: 27-Oct-17

CLIENT: URS Energy & Construction, Inc.
Work Order: 171026086
Reference: SPRU - KAPL /
PO#: 2011-SC-SPRU-2946

Client Sample ID: SOL 1
Collection Date: 10/26/2017
Lab Sample ID: 171026086-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3545A - 10/26/2017)						
4-Nitroaniline	ND	1700		µg/Kg-dry	1	10/27/2017 8:57:00 AM
4,6-Dinitro-2-methylphenol	ND	1700		µg/Kg-dry	1	10/27/2017 8:57:00 AM
N-Nitrosodiphenylamine	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
4-Bromophenyl phenyl ether	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Hexachlorobenzene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Pentachlorophenol	ND	1700		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Phenanthrene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Anthracene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Carbazole	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Di-n-butyl phthalate	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Fluoranthene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Pyrene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Butyl benzyl phthalate	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
3,3'-Dichlorobenzidine	ND	690		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Benz(a)anthracene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Chrysene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Bis(2-ethylhexyl)phthalate	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Di-n-octyl phthalate	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Benzo(b)fluoranthene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Benzo(k)fluoranthene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Benzo(a)pyrene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Indeno(1,2,3-cd)pyrene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Dibenz(a,h)anthracene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Benzo(g,h,i)perylene	ND	340		µg/Kg-dry	1	10/27/2017 8:57:00 AM
Surr: 2,4,6-Tribromophenol	52.6	26.5-126		%REC	1	10/27/2017 8:57:00 AM
Surr: 2-Fluorobiphenyl	106	52.1-124		%REC	1	10/27/2017 8:57:00 AM
Surr: 2-Fluorophenol	37.1	30.3-104		%REC	1	10/27/2017 8:57:00 AM
Surr: 4-Terphenyl-d14	88.9	51.1-134		%REC	1	10/27/2017 8:57:00 AM
Surr: Nitrobenzene-d5	83.2	41.2-120		%REC	1	10/27/2017 8:57:00 AM
Surr: Phenol-d5	48.8	27-122		%REC	1	10/27/2017 8:57:00 AM

MOISTURE CONTENT - ASTM D2216

Analyst: **SMD**

Percent Moisture	5.3	0.1		wt%	1	10/26/2017
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Adirondack Environmental Services, Inc

Date: 27-Oct-17

CLIENT: URS Energy & Construction, Inc.
Work Order: 171026086
Reference: SPRU - KAPL /
PO#: 2011-SC-SPRU-2946

Client Sample ID: SOL 6
Collection Date: 10/26/2017
Lab Sample ID: 171026086-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3545A - 10/26/2017)						
Phenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Bis(2-chloroethyl)ether	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2-Chlorophenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
1,3-Dichlorobenzene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
1,4-Dichlorobenzene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
1,2-Dichlorobenzene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2-Methylphenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Bis(2-chloroisopropyl)ether	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
4-Methylphenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
N-Nitrosodi-n-propylamine	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Hexachloroethane	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Nitrobenzene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Isophorone	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2-Nitrophenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2,4-Dimethylphenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Bis(2-chloroethoxy)methane	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2,4-Dichlorophenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
1,2,4-Trichlorobenzene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Naphthalene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
4-Chloroaniline	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Hexachlorobutadiene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
4-Chloro-3-methylphenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2-Methylnaphthalene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Hexachlorocyclopentadiene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2,4,6-Trichlorophenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2,4,5-Trichlorophenol	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2-Chloronaphthalene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2-Nitroaniline	ND	1800		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Dimethyl phthalate	490	350	B	µg/Kg-dry	1	10/27/2017 9:28:00 AM
Acenaphthylene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2,6-Dinitrotoluene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
3-Nitroaniline	ND	1800		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Acenaphthene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2,4-Dinitrophenol	ND	1800		µg/Kg-dry	1	10/27/2017 9:28:00 AM
4-Nitrophenol	ND	1800		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Dibenzofuran	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
2,4-Dinitrotoluene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Diethyl phthalate	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
4-Chlorophenyl phenyl ether	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Fluorene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM

Adirondack Environmental Services, Inc

Date: 27-Oct-17

CLIENT: URS Energy & Construction, Inc.
Work Order: 171026086
Reference: SPRU - KAPL /
PO#: 2011-SC-SPRU-2946

Client Sample ID: SOL 6
Collection Date: 10/26/2017
Lab Sample ID: 171026086-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3545A - 10/26/2017)						
4-Nitroaniline	ND	1800		µg/Kg-dry	1	10/27/2017 9:28:00 AM
4,6-Dinitro-2-methylphenol	ND	1800		µg/Kg-dry	1	10/27/2017 9:28:00 AM
N-Nitrosodiphenylamine	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
4-Bromophenyl phenyl ether	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Hexachlorobenzene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Pentachlorophenol	ND	1800		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Phenanthrene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Anthracene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Carbazole	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Di-n-butyl phthalate	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Fluoranthene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Pyrene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Butyl benzyl phthalate	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
3,3'-Dichlorobenzidine	ND	700		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Benz(a)anthracene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Chrysene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Bis(2-ethylhexyl)phthalate	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Di-n-octyl phthalate	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Benzo(b)fluoranthene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Benzo(k)fluoranthene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Benzo(a)pyrene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Indeno(1,2,3-cd)pyrene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Dibenz(a,h)anthracene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Benzo(g,h,i)perylene	ND	350		µg/Kg-dry	1	10/27/2017 9:28:00 AM
Surr: 2,4,6-Tribromophenol	58.9	26.5-126		%REC	1	10/27/2017 9:28:00 AM
Surr: 2-Fluorobiphenyl	110	52.1-124		%REC	1	10/27/2017 9:28:00 AM
Surr: 2-Fluorophenol	37.7	30.3-104		%REC	1	10/27/2017 9:28:00 AM
Surr: 4-Terphenyl-d14	100	51.1-134		%REC	1	10/27/2017 9:28:00 AM
Surr: Nitrobenzene-d5	88.6	41.2-120		%REC	1	10/27/2017 9:28:00 AM
Surr: Phenol-d5	48.4	27-122		%REC	1	10/27/2017 9:28:00 AM

MOISTURE CONTENT - ASTM D2216

Analyst: **SMD**

Percent Moisture	6.7	0.1		wt%	1	10/26/2017
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Adirondack Environmental Services, Inc

Date: 27-Oct-17

CLIENT: URS Energy & Construction, Inc.
Work Order: 171026086
Reference: SPRU - KAPL /
PO#: 2011-SC-SPRU-2946

Client Sample ID: SOL 7
Collection Date: 10/26/2017
Lab Sample ID: 171026086-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3545A - 10/26/2017)						
Phenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Bis(2-chloroethyl)ether	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2-Chlorophenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
1,3-Dichlorobenzene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
1,4-Dichlorobenzene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
1,2-Dichlorobenzene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2-Methylphenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Bis(2-chloroisopropyl)ether	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
4-Methylphenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
N-Nitrosodi-n-propylamine	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Hexachloroethane	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Nitrobenzene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Isophorone	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2-Nitrophenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2,4-Dimethylphenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Bis(2-chloroethoxy)methane	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2,4-Dichlorophenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
1,2,4-Trichlorobenzene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Naphthalene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
4-Chloroaniline	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Hexachlorobutadiene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
4-Chloro-3-methylphenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2-Methylnaphthalene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Hexachlorocyclopentadiene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2,4,6-Trichlorophenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2,4,5-Trichlorophenol	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2-Chloronaphthalene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2-Nitroaniline	ND	1800		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Dimethyl phthalate	520	360	B	µg/Kg-dry	1	10/27/2017 9:59:00 AM
Acenaphthylene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2,6-Dinitrotoluene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
3-Nitroaniline	ND	1800		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Acenaphthene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2,4-Dinitrophenol	ND	1800		µg/Kg-dry	1	10/27/2017 9:59:00 AM
4-Nitrophenol	ND	1800		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Dibenzofuran	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
2,4-Dinitrotoluene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Diethyl phthalate	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
4-Chlorophenyl phenyl ether	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Fluorene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM

Adirondack Environmental Services, Inc

Date: 27-Oct-17

CLIENT: URS Energy & Construction, Inc.
Work Order: 171026086
Reference: SPRU - KAPL /
PO#: 2011-SC-SPRU-2946

Client Sample ID: SOL 7
Collection Date: 10/26/2017
Lab Sample ID: 171026086-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3545A - 10/26/2017)						
4-Nitroaniline	ND	1800		µg/Kg-dry	1	10/27/2017 9:59:00 AM
4,6-Dinitro-2-methylphenol	ND	1800		µg/Kg-dry	1	10/27/2017 9:59:00 AM
N-Nitrosodiphenylamine	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
4-Bromophenyl phenyl ether	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Hexachlorobenzene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Pentachlorophenol	ND	1800		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Phenanthrene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Anthracene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Carbazole	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Di-n-butyl phthalate	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Fluoranthene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Pyrene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Butyl benzyl phthalate	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
3,3'-Dichlorobenzidine	ND	710		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Benz(a)anthracene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Chrysene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Bis(2-ethylhexyl)phthalate	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Di-n-octyl phthalate	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Benzo(b)fluoranthene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Benzo(k)fluoranthene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Benzo(a)pyrene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Indeno(1,2,3-cd)pyrene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Dibenz(a,h)anthracene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Benzo(g,h,i)perylene	ND	360		µg/Kg-dry	1	10/27/2017 9:59:00 AM
Surr: 2,4,6-Tribromophenol	48.5	26.5-126		%REC	1	10/27/2017 9:59:00 AM
Surr: 2-Fluorobiphenyl	108	52.1-124		%REC	1	10/27/2017 9:59:00 AM
Surr: 2-Fluorophenol	41.4	30.3-104		%REC	1	10/27/2017 9:59:00 AM
Surr: 4-Terphenyl-d14	105	51.1-134		%REC	1	10/27/2017 9:59:00 AM
Surr: Nitrobenzene-d5	89.0	41.2-120		%REC	1	10/27/2017 9:59:00 AM
Surr: Phenol-d5	51.3	27-122		%REC	1	10/27/2017 9:59:00 AM

MOISTURE CONTENT - ASTM D2216

Analyst: **SMD**

Percent Moisture	7.4	0.1	Z	wt%	1	10/26/2017
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171026086

Chain of Custody No.: 102617-DCS-002

OFF-SITE ANALYTICAL REQUEST FORM



1. REGULAR Status
 RUSH Status Requested - ADDITIONAL CHARGE
 RESULTS REQUIRED BY ASAP
 DATE _____

2. Date: 10/26/17 Purchase Order No. _____
 Address 2425 River Rd. Trailer SP-22
Niskayuna, NY 12309
 Person to Contact Cameron Steuer
 Telephone () (518) 265-6953
 Fax Telephone () _____
 E-mail Address Cam.Steuer@AECOM.com
 E-mail Address Phil.Slazyk@AECOM.com
 E-mail Address William.duggan@aecom.com
 Billing Address (if different from above) _____

4. Quote No. _____
 Lab: Adirondack Environmental Services
 5. Sample Collection
 Sampling Site SPRU - G2 Footprint
 Industrial Process Soil Samples
 Date of Collection 10/26/17
 Time Collected 1400
 Work Document # _____
 Date of Shipment 10/26/17
 6. Additional or special information: _____

7. REQUEST FOR ANALYSES

Laboratory Use Only	URS Sample Number	Matrix*	Sample Time	Sample Volume	Jar #	ANALYSES REQUESTED - Use method number if known	Units**
001	SOL1	Soil	1400	336		EPA TCL 8270 SemiVol	
002	SOL6	Soil	1425	374			
003	SOL7	Soil	1415	333			

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other
 ** 1. µg/sample 2. mg/m³ 3. ppm 4. % 5. µg/m³ 6. _____ (other) Please indicate one or more units in the column entitled Units**
 Comments: _____

Possible Contamination and/or Chemical Hazards _____

8. Chain of Custody (Optional)

Relinquished by [Signature] Date/Time: _____
 Received by _____ Date/Time _____
 Relinquished by _____ Date/Time _____
 Received by [Signature] Date/Time 10/26/17 4:39pm





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TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

- (a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.**'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.
- (b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.
- (c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.
- (d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
- (e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**
- (f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.
- (g) Payments by Credit Card/Purchase Cards are subject to a 3% additional charge.