ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

PROJECT NARRATIVE

Mark Deuger
Advanced Environmental Solutions, Inc.
90 Madison Street, Suite 605
Worcester, MA 01608

RE: Baltic Mill
ESS Laboratory Work Order Number: 0905249

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this Project Narrative, the entire report has been paginated. The ESS Laboratory Certifications sheet is the final report page. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been mailed. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

Digitally signed by Laurel Stoddard
Date: 2009.06.08 10:18:01 -04'00'

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration may be used instead of automated integration because it produces more accurate results. All ICP Metals were analyzed using the established linear dynamic range to determine acceptable analytical results.

ESS Laboratory certifies that the test results meet the requirements of NELAC, except where noted within this project narrative.

To achieve Reasonable Confidence Protocols (RCP) compliance for Connecticut data, ESS laboratory has performed and reviewed all QA/QC Requirements and Performance Standards listed in each method. Holding times and preservation have also been reviewed. All RCP requirements have been achieved unless noted in the project narrative.

Question 5: Each method has been set-up in the laboratory to reach required RCP standards. The methods for aqueous VOA and Soil Methanol VOA have known limitations for certain analytes (ie for GWPC samples, 1,2-Dibromoethane regulatory levels will not be met by VOA 8260. If this is a contaminant of concern Method 8011 will need to be used.). The regulatory standards may not be achieved due to these limitations. In addition, for all methods, matrix interferences, dilutions, and %Solids may elevate method reporting limits above regulatory standards. ESS Laboratory can provide, upon request, a Data Checker (regulatory standard comparison spreadsheet) electronic deliverable which will highlight these exceedances.

Sample Receipt
The following sample(s) were received on May 19, 2009 for the analyses specified on the enclosed Chain of Custody Record.

Question 6: All samples for SVOA and Metals were analyzed for a subset of the required RCP list per the client's request.

Laboratory ID	Matrix	Client Sample ID
0905249-01	Soil	TP-07 14Ft
0905249-02	Soil	TP-08 13Ft
0905249-03	Soil	TP-08 4Ft
0905249-04	Soil	Trip Blank
0905249-05	Soil	TP-11 4Ft
0905249-06	Soil	TP-12 2Ft
0905249-07	Soil	TP-15 2Ft
0905249-08	Soil	TP-16 2Ft
0905249-09	Soil	TP-13 1Ft
0905249-10	Soil	TP-14 2 Ft
0905249-11	Soil	TP-14 8 Ft
0905249-12	Soil	TP-17 5 Ft
0905249-13	Soil	TP-140 2 Ft

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

PROJECT NARRATIVE

3050B/6000/7000 Total Metals

BE92013-DUP1	**Relative percent difference for duplicate is outside of criteria.**
	Lead
BE92013-MS1	**Matrix Spike recovery is above upper control limit.**
	Zinc
BE92013-MS1	**Matrix Spike recovery is below lower control limit.**
	Antimony, Chromium, Lead
BE92013-MS2	**Matrix Spike recovery is below lower control limit.**
	Antimony
BE92013-MS3	**Matrix Spike recovery is below lower control limit.**
	Antimony

5035/8260B Volatile Organic Compounds / Low Level

BE92112-BSD1	**Blank Spike recovery is below lower control limit.**
	Diethyl Ether

5035/8260B Volatile Organic Compounds / Methanol

0905249-01	**VOA sample could not be run by the low level method due to matrix interferences.**

8100M Extractable Total Petroleum Hydrocarbons

0905249-01	**Surrogate recovery(ies) outside of criteria. Reextraction/Reanalysis confirms results.**
BE91932-MS1	**Matrix Spike recovery is below lower control limit.**
	Total Petroleum Hydrocarbons
BE91932-MS1	**Surrogate recovery(ies) outside of criteria. Reextraction/Reanalysis confirms results.**
BE91932-MSD1	**Matrix Spike recovery is below lower control limit.**
	Total Petroleum Hydrocarbons
BE91932-MSD1	**Surrogate recovery(ies) outside of criteria. Reextraction/Reanalysis confirms results.**

8270C Polynuclear Aromatic Hydrocarbons

0905249-01	**Surrogate recovery(ies) below lower control limit.**

No other observations noted.

End of Project Narrative.

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill — ESS Laboratory Work Order: 0905249

Laboratory Analysis
QA/QC Certification Form

Project Number: **N/A**
Sampling Date(s): **5/19/2009**
Laboratory Sample ID(s): **0905249-01 through 0905249-13**

List RCP Methods Used	(X) 8260B	( ) 8151A	(X) ETPH	(X) 6010B	(X) 7470A/1A
Other: _____	(X) 8270C	( ) 8081A	( ) VPH	( ) 6020	( ) 9014M
_____	( ) 8082	( ) 8021B	( ) EPH	(X) 7000 S	( ) 7196A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria failing outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	(Yes) No
1A	Were the method specific preservation and holding time requirements met?	(Yes) No
1B	***VPH and EPH Methods only:*** Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes No (N/A)
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	(Yes) No
3	Were samples received at an appropriate temperature (<6º Cº)?	(Yes) No N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	Yes (No)
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	(Yes) No Yes (No)
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes (No)
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes (No)

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Laurel Stoddard — Position: Laboratory Director

Printed Name: Laurel Stoddard — Date: May 27, 2009

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-07 14Ft
Date Sampled: 05/19/09 09:00
Percent Solids: 89

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-01
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.5	6010B	27	1	SVD	05/20/09	1.74	100
Arsenic	ND	mg/kg dry	3.2	6010B	10	1	SVD	05/20/09	1.74	100
Beryllium	**0.11**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.74	100
Cadmium	ND	mg/kg dry	0.65	6010B	34	1	SVD	05/20/09	1.74	100
Chromium	**22.2**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.74	100
Copper	**21.3**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.74	100
Lead	ND	mg/kg dry	6.5	6010B	400	1	SVD	05/20/09	1.74	100
Mercury	ND	mg/kg dry	0.033	7471A	20	1	KAB	05/21/09	0.68	40
Nickel	**18.1**	mg/kg dry	3.2	6010B	1400	1	SVD	05/20/09	1.74	100
Selenium	ND	mg/kg dry	6.5	6010B	340	1	SVD	05/20/09	1.74	100
Silver	ND	mg/kg dry	0.65	6010B	340	1	SVD	05/20/09	1.74	100
Thallium	ND	mg/kg dry	1.60	7841	5.4	5	SVD	05/21/09	1.74	100
Zinc	**28.1**	mg/kg dry	3.2	6010B	20000	1	SVD	05/20/09	1.74	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-07 14Ft
Date Sampled: 05/19/09 09:00
Percent Solids: 89
Initial Volume: 5.4
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-01
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	CT - RES DEC Limit	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	mg/kg dry	0.324	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.162	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.162	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.162		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.162	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg dry	0.162	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg dry	0.162	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg dry	0.162		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.162		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.162		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.162	680	1	05/20/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.162	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.973	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg dry	0.162	0.007	1	05/20/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.162	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg dry	0.162	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg dry	0.162	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.162	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.162	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg dry	0.162		1	05/20/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.162	26	1	05/20/09
1,4-Dioxane - Screen	ND	mg/kg dry	16.2		1	05/20/09
2,2-Dichloropropane	ND	mg/kg dry	0.324		1	05/20/09
2-Butanone	ND	mg/kg dry	4.06	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg dry	0.162	500	1	05/20/09
2-Hexanone	ND	mg/kg dry	1.62		1	05/20/09
4-Chlorotoluene	ND	mg/kg dry	0.162	500	1	05/20/09
4-Isopropyltoluene	**0.266**	mg/kg dry	0.162	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg dry	1.62	500	1	05/20/09
Acetone	ND	mg/kg dry	4.06	500	1	05/20/09
Acrylonitrile	ND	mg/kg dry	1.30	1.1	1	05/20/09
Benzene	ND	mg/kg dry	0.162	21	1	05/20/09
Bromobenzene	ND	mg/kg dry	0.162		1	05/20/09
Bromochloromethane	ND	mg/kg dry	0.162		1	05/20/09
Bromodichloromethane	ND	mg/kg dry	0.162	9.9	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-07 14Ft
Date Sampled: 05/19/09 09:00
Percent Solids: 89
Initial Volume: 5.4
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-01
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Bromoform	ND	mg/kg dry	0.162	78	1	05/20/09
Bromomethane	ND	mg/kg dry	0.324	95	1	05/20/09
Carbon Disulfide	ND	mg/kg dry	0.162	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg dry	0.162	4.7	1	05/20/09
Chlorobenzene	ND	mg/kg dry	0.162	500	1	05/20/09
Chloroethane	ND	mg/kg dry	0.324		1	05/20/09
Chloroform	ND	mg/kg dry	0.162	100	1	05/20/09
Chloromethane	ND	mg/kg dry	0.324	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.162	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.162	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg dry	0.162	7.3	1	05/20/09
Dibromomethane	ND	mg/kg dry	0.162		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg dry	0.162		1	05/20/09
Diethyl Ether	ND	mg/kg dry	0.162		1	05/20/09
Di-isopropyl ether	ND	mg/kg dry	0.162		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.162		1	05/20/09
Ethylbenzene	**0.860**	mg/kg dry	0.162	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg dry	0.162	7.9	1	05/20/09
Isopropylbenzene	**0.646**	mg/kg dry	0.162	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.162	500	1	05/20/09
Methylene Chloride	ND	mg/kg dry	0.811	82	1	05/20/09
Naphthalene	**21.9**	mg/kg dry	0.162	1000	1	05/20/09
n-Butylbenzene	**1.56**	mg/kg dry	0.162	500	1	05/20/09
n-Propylbenzene	**1.12**	mg/kg dry	0.162	500	1	05/20/09
sec-Butylbenzene	**0.996**	mg/kg dry	0.162	500	1	05/20/09
Styrene	ND	mg/kg dry	0.162	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg dry	0.162	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.162		1	05/20/09
Tetrachloroethene	ND	mg/kg dry	0.162	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg dry	1.62		1	05/20/09
Toluene	ND	mg/kg dry	0.162	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.162	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.162	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	1.62		1	05/20/09
Trichloroethene	ND	mg/kg dry	0.162	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg dry	0.162	500	1	05/20/09

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Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-07 14Ft
Date Sampled: 05/19/09 09:00
Percent Solids: 89
Initial Volume: 5.4
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-01
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Vinyl Chloride	ND	mg/kg dry	0.162	0.32	1	05/20/09
Xylene O	ND	mg/kg dry	0.162	500	1	05/20/09
Xylene P,M	ND	mg/kg dry	0.324	500	1	05/20/09
Xylenes (Total)	ND	mg/kg dry	0.487	500	1	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*88 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*85 %*		*70-130*
Surrogate: Dibromofluoromethane	*97 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-07 14Ft
Date Sampled: 05/19/09 09:00
Percent Solids: 89
Initial Volume: 14.4
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-01
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	**39.7**	mg/kg dry	7.79	474	10	05/22/09
Acenaphthene	ND	mg/kg dry	7.79	1000	10	05/22/09
Acenaphthylene	ND	mg/kg dry	7.79	1000	10	05/22/09
Anthracene	ND	mg/kg dry	7.79	1000	10	05/22/09
Benzo(a)anthracene	ND	mg/kg dry	7.79	1	10	05/22/09
Benzo(a)pyrene	ND	mg/kg dry	3.91	1	10	05/22/09
Benzo(b)fluoranthene	ND	mg/kg dry	7.79	1	10	05/22/09
Benzo(g,h,i)perylene	ND	mg/kg dry	7.79	1000	10	05/22/09
Benzo(k)fluoranthene	ND	mg/kg dry	7.79	8.4	10	05/22/09
Chrysene	ND	mg/kg dry	3.91	84	10	05/22/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	3.91	0.33	10	05/22/09
Fluoranthene	ND	mg/kg dry	7.79	1000	10	05/22/09
Fluorene	ND	mg/kg dry	7.79	1000	10	05/22/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	7.79	1	10	05/22/09
Naphthalene	**14.8**	mg/kg dry	7.79	1000	10	05/22/09
Phenanthrene	**15.7**	mg/kg dry	7.79	1000	10	05/22/09
Pyrene	**11.4**	mg/kg dry	7.79	1000	10	05/22/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*100 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*115 %*		*30-130*
Surrogate: Nitrobenzene-d5	*%*	*S-*	*30-130*
Surrogate: p-Terphenyl-d14	*102 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-07 14Ft
Date Sampled: 05/19/09 09:00
Percent Solids: 89
Initial Volume: 20.6
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-01
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
Total Petroleum Hydrocarbons	**10200**	mg/kg dry	218	500	10	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	%	SC	50-150

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-08 13Ft
Date Sampled: 05/19/09 10:00
Percent Solids: 96
Initial Volume: 7.1
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-02
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Analyte	Results	Units	MRL	CT - RES DEC Limit	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	mg/kg dry	0.0037	24	1	05/21/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.0037	500	1	05/21/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0037	3.1	1	05/21/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.0037		1	05/21/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.0037	11	1	05/21/09
1,1-Dichloroethane	ND	mg/kg dry	0.0037	500	1	05/21/09
1,1-Dichloroethene	ND	mg/kg dry	0.0037	1	1	05/21/09
1,1-Dichloropropene	ND	mg/kg dry	0.0037		1	05/21/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0037		1	05/21/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.0037		1	05/21/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0037	680	1	05/21/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.0037	0.44	1	05/21/09
1,2-Dibromoethane	ND	mg/kg dry	0.0037	0.007	1	05/21/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
1,2-Dichloroethane	ND	mg/kg dry	0.0037	6.7	1	05/21/09
1,2-Dichloropropane	ND	mg/kg dry	0.0037	9	1	05/21/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
1,3-Dichloropropane	ND	mg/kg dry	0.0037		1	05/21/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.0037	26	1	05/21/09
1,4-Dioxane	ND	mg/kg dry	0.0734	0.2	1	05/21/09
2,2-Dichloropropane	ND	mg/kg dry	0.0037		1	05/21/09
2-Butanone	ND	mg/kg dry	0.0367	500	1	05/21/09
2-Chlorotoluene	ND	mg/kg dry	0.0037	500	1	05/21/09
2-Hexanone	ND	mg/kg dry	0.0367		1	05/21/09
4-Chlorotoluene	ND	mg/kg dry	0.0037	500	1	05/21/09
4-Isopropyltoluene	ND	mg/kg dry	0.0037	500	1	05/21/09
4-Methyl-2-Pentanone	ND	mg/kg dry	0.0367	500	1	05/21/09
Acetone	ND	mg/kg dry	0.0367	500	1	05/21/09
Acrylonitrile	ND	mg/kg dry	0.0037	1.1	1	05/21/09
Benzene	ND	mg/kg dry	0.0037	21	1	05/21/09
Bromobenzene	ND	mg/kg dry	0.0037		1	05/21/09
Bromochloromethane	ND	mg/kg dry	0.0037		1	05/21/09
Bromodichloromethane	ND	mg/kg dry	0.0037	9.9	1	05/21/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-08 13Ft
Date Sampled: 05/19/09 10:00
Percent Solids: 96
Initial Volume: 7.1
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-02
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromoform	ND	mg/kg dry	0.0037	78	1	05/21/09
Bromomethane	ND	mg/kg dry	0.0073	95	1	05/21/09
Carbon Disulfide	ND	mg/kg dry	0.0037	500	1	05/21/09
Carbon Tetrachloride	ND	mg/kg dry	0.0037	4.7	1	05/21/09
Chlorobenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
Chloroethane	ND	mg/kg dry	0.0073		1	05/21/09
Chloroform	ND	mg/kg dry	0.0037	100	1	05/21/09
Chloromethane	ND	mg/kg dry	0.0073	47	1	05/21/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.0037	500	1	05/21/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.0037	3.4	1	05/21/09
Dibromochloromethane	ND	mg/kg dry	0.0037	7.3	1	05/21/09
Dibromomethane	ND	mg/kg dry	0.0037		1	05/21/09
Dichlorodifluoromethane	ND	mg/kg dry	0.0073		1	05/21/09
Diethyl Ether	ND	mg/kg dry	0.0037		1	05/21/09
Di-isopropyl ether	ND	mg/kg dry	0.0037		1	05/21/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.0037		1	05/21/09
Ethylbenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
Hexachlorobutadiene	ND	mg/kg dry	0.0037	7.9	1	05/21/09
Isopropylbenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.0037	500	1	05/21/09
Methylene Chloride	ND	mg/kg dry	0.0183	82	1	05/21/09
Naphthalene	ND	mg/kg dry	0.0037	1000	1	05/21/09
n-Butylbenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
n-Propylbenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
sec-Butylbenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
Styrene	ND	mg/kg dry	0.0037	500	1	05/21/09
tert-Butylbenzene	ND	mg/kg dry	0.0037	500	1	05/21/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.0037		1	05/21/09
Tetrachloroethene	ND	mg/kg dry	0.0037	12	1	05/21/09
Tetrahydrofuran	ND	mg/kg dry	0.0037		1	05/21/09
Toluene	ND	mg/kg dry	0.0037	500	1	05/21/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.0037	500	1	05/21/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.0037	3.4	1	05/21/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	0.0037		1	05/21/09
Trichloroethene	ND	mg/kg dry	0.0037	56	1	05/21/09
Trichlorofluoromethane	ND	mg/kg dry	0.0037	500	1	05/21/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-08 13Ft
Date Sampled: 05/19/09 10:00
Percent Solids: 96
Initial Volume: 7.1
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-02
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Vinyl Chloride	ND	mg/kg dry	0.0073	0.32	1	05/21/09
Xylene O	ND	mg/kg dry	0.0037	500	1	05/21/09
Xylene P,M	ND	mg/kg dry	0.0073	500	1	05/21/09
Xylenes (Total)	ND	mg/kg dry	0.0110	500	0	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*102 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*99 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-08 13Ft
Date Sampled: 05/19/09 10:00
Percent Solids: 96
Initial Volume: 21
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-02
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
Total Petroleum Hydrocarbons	ND	mg/kg dry	19.8	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*98 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-08 4Ft
Date Sampled: 05/19/09 10:00
Percent Solids: 91

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-03
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.0	6010B	27	1	SVD	05/20/09	1.82	100
Arsenic	**5.1**	mg/kg dry	3.0	6010B	10	1	SVD	05/20/09	1.82	100
Beryllium	**0.22**	mg/kg dry	0.06	6010B	2	1	SVD	05/20/09	1.82	100
Cadmium	ND	mg/kg dry	0.61	6010B	34	1	SVD	05/20/09	1.82	100
Chromium	**15.2**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.82	100
Copper	**9.8**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.82	100
Lead	ND	mg/kg dry	6.0	6010B	400	1	SVD	05/20/09	1.82	100
Mercury	ND	mg/kg dry	0.034	7471A	20	1	KAB	05/21/09	0.64	40
Nickel	**10.8**	mg/kg dry	3.0	6010B	1400	1	SVD	05/20/09	1.82	100
Selenium	ND	mg/kg dry	6.0	6010B	340	1	SVD	05/20/09	1.82	100
Silver	ND	mg/kg dry	0.61	6010B	340	1	SVD	05/20/09	1.82	100
Thallium	ND	mg/kg dry	1.49	7841	5.4	5	SVD	05/21/09	1.82	100
Zinc	**12.3**	mg/kg dry	3.0	6010B	20000	1	SVD	05/20/09	1.82	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-08 4Ft
Date Sampled: 05/19/09 10:00
Percent Solids: 91
Initial Volume: 14.5
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-03
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.379	474	1	05/21/09
Acenaphthene	ND	mg/kg dry	0.379	1000	1	05/21/09
Acenaphthylene	ND	mg/kg dry	0.379	1000	1	05/21/09
Anthracene	ND	mg/kg dry	0.379	1000	1	05/21/09
Benzo(a)anthracene	ND	mg/kg dry	0.379	1	1	05/21/09
Benzo(a)pyrene	ND	mg/kg dry	0.190	1	1	05/21/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.379	1	1	05/21/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.379	1000	1	05/21/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.379	8.4	1	05/21/09
Chrysene	ND	mg/kg dry	0.190	84	1	05/21/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.190	0.33	1	05/21/09
Fluoranthene	ND	mg/kg dry	0.379	1000	1	05/21/09
Fluorene	ND	mg/kg dry	0.379	1000	1	05/21/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.379	1	1	05/21/09
Naphthalene	ND	mg/kg dry	0.379	1000	1	05/21/09
Phenanthrene	ND	mg/kg dry	0.379	1000	1	05/21/09
Pyrene	ND	mg/kg dry	0.379	1000	1	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*70 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*78 %*		*30-130*
Surrogate: Nitrobenzene-d5	*66 %*		*30-130*
Surrogate: p-Terphenyl-d14	*88 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: Trip Blank
Date Sampled: 05/19/09 00:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-04
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Analyte	Results	Units	MRL	CT - RES DEC Limit	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg	0.0050	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg	0.0050	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg	0.0050	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg	0.0050	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg	0.0050		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg	0.0050		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	680	1	05/20/09
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg	0.0050	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg	0.0050	0.007	1	05/20/09
1,2-Dichlorobenzene	ND	mg/kg	0.0050	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg	0.0050	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg	0.0050	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg	0.0050	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg	0.0050		1	05/20/09
1,4-Dichlorobenzene	ND	mg/kg	0.0050	26	1	05/20/09
2,2-Dichloropropane	ND	mg/kg	0.0050		1	05/20/09
2-Butanone	ND	mg/kg	0.0500	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg	0.0050	500	1	05/20/09
2-Hexanone	ND	mg/kg	0.0500		1	05/20/09
4-Chlorotoluene	ND	mg/kg	0.0050	500	1	05/20/09
4-Isopropyltoluene	ND	mg/kg	0.0050	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg	0.0500	500	1	05/20/09
Acetone	ND	mg/kg	0.0500	500	1	05/20/09
Acrylonitrile	ND	mg/kg	0.0050	1.1	1	05/20/09
Benzene	ND	mg/kg	0.0050	21	1	05/20/09
Bromobenzene	ND	mg/kg	0.0050		1	05/20/09
Bromochloromethane	ND	mg/kg	0.0050		1	05/20/09
Bromodichloromethane	ND	mg/kg	0.0050	9.9	1	05/20/09
Bromoform	ND	mg/kg	0.0050	78	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: Trip Blank
Date Sampled: 05/19/09 00:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-04
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromomethane	ND	mg/kg	0.0100	95	1	05/20/09
Carbon Disulfide	ND	mg/kg	0.0050	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg	0.0050	4.7	1	05/20/09
Chlorobenzene	ND	mg/kg	0.0050	500	1	05/20/09
Chloroethane	ND	mg/kg	0.0100		1	05/20/09
Chloroform	ND	mg/kg	0.0050	100	1	05/20/09
Chloromethane	ND	mg/kg	0.0100	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg	0.0050	7.3	1	05/20/09
Dibromomethane	ND	mg/kg	0.0050		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg	0.0100		1	05/20/09
Diethyl Ether	ND	mg/kg	0.0050		1	05/20/09
Di-isopropyl ether	ND	mg/kg	0.0050		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg	0.0050		1	05/20/09
Ethylbenzene	ND	mg/kg	0.0050	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg	0.0050	7.9	1	05/20/09
Isopropylbenzene	ND	mg/kg	0.0050	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg	0.0050	500	1	05/20/09
Methylene Chloride	ND	mg/kg	0.0250	82	1	05/20/09
Naphthalene	ND	mg/kg	0.0050	1000	1	05/20/09
n-Butylbenzene	ND	mg/kg	0.0050	500	1	05/20/09
n-Propylbenzene	ND	mg/kg	0.0050	500	1	05/20/09
sec-Butylbenzene	ND	mg/kg	0.0050	500	1	05/20/09
Styrene	ND	mg/kg	0.0050	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg	0.0050	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg	0.0050		1	05/20/09
Tetrachloroethene	ND	mg/kg	0.0050	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg	0.0050		1	05/20/09
Toluene	ND	mg/kg	0.0050	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg	0.0050		1	05/20/09
Trichloroethene	ND	mg/kg	0.0050	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg	0.0050	500	1	05/20/09
Vinyl Chloride	ND	mg/kg	0.0100	0.32	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: Trip Blank
Date Sampled: 05/19/09 00:00
Percent Solids: N/A
Initial Volume: 5
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-04
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Xylene O	ND	mg/kg	0.0050	500	1	05/20/09
Xylene P,M	ND	mg/kg	0.0100	500	1	05/20/09
Xylenes (Total)	ND	mg/kg	0.0075		0	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*123 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*112 %*		*70-130*
Surrogate: Toluene-d8	*102 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: Trip Blank
Date Sampled: 05/19/09 00:00
Percent Solids: N/A
Initial Volume: 15
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-04
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Analyte	Results	Units	MRL	CT - RES DEC Limit	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.100	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg	0.0500	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0500	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0500		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg	0.0500	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg	0.0500	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg	0.0500	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg	0.0500		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg	0.0500		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg	0.0500		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg	0.0500	680	1	05/20/09
1,2,4-Trimethylbenzene	ND	mg/kg	0.0500	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg	0.300	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg	0.0500	0.007	1	05/20/09
1,2-Dichlorobenzene	ND	mg/kg	0.0500	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg	0.0500	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg	0.0500	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg	0.0500	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg	0.0500	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg	0.0500		1	05/20/09
1,4-Dichlorobenzene	ND	mg/kg	0.0500	26	1	05/20/09
2,2-Dichloropropane	ND	mg/kg	0.100		1	05/20/09
2-Butanone	ND	mg/kg	1.25	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg	0.0500	500	1	05/20/09
2-Hexanone	ND	mg/kg	0.500		1	05/20/09
4-Chlorotoluene	ND	mg/kg	0.0500	500	1	05/20/09
4-Isopropyltoluene	ND	mg/kg	0.0500	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg	0.500	500	1	05/20/09
Acetone	ND	mg/kg	1.25	500	1	05/20/09
Acrylonitrile	ND	mg/kg	0.400	1.1	1	05/20/09
Benzene	ND	mg/kg	0.0500	21	1	05/20/09
Bromobenzene	ND	mg/kg	0.0500		1	05/20/09
Bromochloromethane	ND	mg/kg	0.0500		1	05/20/09
Bromodichloromethane	ND	mg/kg	0.0500	9.9	1	05/20/09
Bromoform	ND	mg/kg	0.0500	78	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: Trip Blank
Date Sampled: 05/19/09 00:00
Percent Solids: N/A
Initial Volume: 15
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-04
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Bromomethane	ND	mg/kg	0.100	95	1	05/20/09
Carbon Disulfide	ND	mg/kg	0.0500	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg	0.0500	4.7	1	05/20/09
Chlorobenzene	ND	mg/kg	0.0500	500	1	05/20/09
Chloroethane	ND	mg/kg	0.100		1	05/20/09
Chloroform	ND	mg/kg	0.0500	100	1	05/20/09
Chloromethane	ND	mg/kg	0.100	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg	0.0500	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg	0.0500	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg	0.0500	7.3	1	05/20/09
Dibromomethane	ND	mg/kg	0.0500		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg	0.0500		1	05/20/09
Diethyl Ether	ND	mg/kg	0.0500		1	05/20/09
Di-isopropyl ether	ND	mg/kg	0.0500		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg	0.0500		1	05/20/09
Ethylbenzene	ND	mg/kg	0.0500	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg	0.0500	7.9	1	05/20/09
Isopropylbenzene	ND	mg/kg	0.0500	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg	0.0500	500	1	05/20/09
Methylene Chloride	ND	mg/kg	0.250	82	1	05/20/09
Naphthalene	ND	mg/kg	0.0500	1000	1	05/20/09
n-Butylbenzene	ND	mg/kg	0.0500	500	1	05/20/09
n-Propylbenzene	ND	mg/kg	0.0500	500	1	05/20/09
sec-Butylbenzene	ND	mg/kg	0.0500	500	1	05/20/09
Styrene	ND	mg/kg	0.0500	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg	0.0500	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg	0.0500		1	05/20/09
Tetrachloroethene	ND	mg/kg	0.0500	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg	0.500		1	05/20/09
Toluene	ND	mg/kg	0.0500	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg	0.0500	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg	0.0500	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg	0.500		1	05/20/09
Trichloroethene	ND	mg/kg	0.0500	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg	0.0500	500	1	05/20/09
Vinyl Chloride	ND	mg/kg	0.0500	0.32	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: Trip Blank
Date Sampled: 05/19/09 00:00
Percent Solids: N/A
Initial Volume: 15
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-04
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Xylene O	ND	mg/kg	0.0500	500	1	05/20/09
Xylene P,M	ND	mg/kg	0.100	500	1	05/20/09
Xylenes (Total)	ND	mg/kg	0.150		0	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*88 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*88 %*		*70-130*
Surrogate: Dibromofluoromethane	*96 %*		*70-130*
Surrogate: Toluene-d8	*92 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-11 4Ft
Date Sampled: 05/19/09 13:00
Percent Solids: 94

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-05
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.0	6010B	27	1	SVD	05/20/09	1.77	100
Arsenic	**5.6**	mg/kg dry	3.0	6010B	10	1	SVD	05/20/09	1.77	100
Beryllium	**0.13**	mg/kg dry	0.06	6010B	2	1	SVD	05/20/09	1.77	100
Cadmium	ND	mg/kg dry	0.60	6010B	34	1	SVD	05/20/09	1.77	100
Chromium	**8.8**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.77	100
Copper	**8.8**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.77	100
Lead	ND	mg/kg dry	6.0	6010B	400	1	SVD	05/20/09	1.77	100
Mercury	ND	mg/kg dry	0.035	7471A	20	1	KAB	05/21/09	0.61	40
Nickel	**7.1**	mg/kg dry	3.0	6010B	1400	1	SVD	05/20/09	1.77	100
Selenium	ND	mg/kg dry	6.0	6010B	340	1	SVD	05/20/09	1.77	100
Silver	ND	mg/kg dry	0.60	6010B	340	1	SVD	05/20/09	1.77	100
Thallium	ND	mg/kg dry	1.49	7841	5.4	5	SVD	05/21/09	1.77	100
Zinc	**9.1**	mg/kg dry	3.0	6010B	20000	1	SVD	05/20/09	1.77	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-11 4Ft
Date Sampled: 05/19/09 13:00
Percent Solids: 94
Initial Volume: 14.4
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-05
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.369	474	1	05/21/09
Acenaphthene	ND	mg/kg dry	0.369	1000	1	05/21/09
Acenaphthylene	ND	mg/kg dry	0.369	1000	1	05/21/09
Anthracene	ND	mg/kg dry	0.369	1000	1	05/21/09
Benzo(a)anthracene	ND	mg/kg dry	0.369	1	1	05/21/09
Benzo(a)pyrene	ND	mg/kg dry	0.185	1	1	05/21/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.369	1	1	05/21/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.369	1000	1	05/21/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.369	8.4	1	05/21/09
Chrysene	ND	mg/kg dry	0.185	84	1	05/21/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.185	0.33	1	05/21/09
Fluoranthene	ND	mg/kg dry	0.369	1000	1	05/21/09
Fluorene	ND	mg/kg dry	0.369	1000	1	05/21/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.369	1	1	05/21/09
Naphthalene	ND	mg/kg dry	0.369	1000	1	05/21/09
Phenanthrene	ND	mg/kg dry	0.369	1000	1	05/21/09
Pyrene	ND	mg/kg dry	0.369	1000	1	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*42 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*50 %*		*30-130*
Surrogate: Nitrobenzene-d5	*41 %*		*30-130*
Surrogate: p-Terphenyl-d14	*90 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-11 4Ft
Date Sampled: 05/19/09 13:00
Percent Solids: 94
Initial Volume: 20.1
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-05
Sample Matrix: Soil
Analyst: ML
Prepared: 05/21/09

8100M Extractable Total Petroleum Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
Total Petroleum Hydrocarbons	ND	mg/kg dry	21.2	500	1	05/21/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*82 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-12 2Ft
Date Sampled: 05/19/09 13:15
Percent Solids: 94

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-06
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.1	6010B	27	1	SVD	05/20/09	1.74	100
Arsenic	**6.2**	mg/kg dry	3.1	6010B	10	1	SVD	05/20/09	1.74	100
Beryllium	**0.19**	mg/kg dry	0.06	6010B	2	1	SVD	05/20/09	1.74	100
Cadmium	ND	mg/kg dry	0.61	6010B	34	1	SVD	05/20/09	1.74	100
Chromium	**29.1**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.74	100
Copper	**14.3**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.74	100
Lead	**97.4**	mg/kg dry	6.1	6010B	400	1	SVD	05/20/09	1.74	100
Mercury	**0.078**	mg/kg dry	0.033	7471A	20	1	KAB	05/21/09	0.64	40
Nickel	**15.0**	mg/kg dry	3.1	6010B	1400	1	SVD	05/20/09	1.74	100
Selenium	ND	mg/kg dry	6.1	6010B	340	1	SVD	05/20/09	1.74	100
Silver	ND	mg/kg dry	0.61	6010B	340	1	SVD	05/20/09	1.74	100
Thallium	ND	mg/kg dry	1.51	7841	5.4	5	SVD	05/21/09	1.74	100
Zinc	**59.2**	mg/kg dry	3.1	6010B	20000	1	SVD	05/20/09	1.74	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-12 2Ft
Date Sampled: 05/19/09 13:15
Percent Solids: 94
Initial Volume: 14.4
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-06
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.369	474	1	05/21/09
Acenaphthene	ND	mg/kg dry	0.369	1000	1	05/21/09
Acenaphthylene	ND	mg/kg dry	0.369	1000	1	05/21/09
Anthracene	ND	mg/kg dry	0.369	1000	1	05/21/09
Benzo(a)anthracene	**0.558**	mg/kg dry	0.369	1	1	05/21/09
Benzo(a)pyrene	**0.593**	mg/kg dry	0.185	1	1	05/21/09
Benzo(b)fluoranthene	**0.530**	mg/kg dry	0.369	1	1	05/21/09
Benzo(g,h,i)perylene	**0.448**	mg/kg dry	0.369	1000	1	05/21/09
Benzo(k)fluoranthene	**0.446**	mg/kg dry	0.369	8.4	1	05/21/09
Chrysene	**0.656**	mg/kg dry	0.185	84	1	05/21/09
Dibenzo(a,h)Anthracene	**0.204**	mg/kg dry	0.185	0.33	1	05/21/09
Fluoranthene	**0.841**	mg/kg dry	0.369	1000	1	05/21/09
Fluorene	ND	mg/kg dry	0.369	1000	1	05/21/09
Indeno(1,2,3-cd)Pyrene	**0.404**	mg/kg dry	0.369	1	1	05/21/09
Naphthalene	ND	mg/kg dry	0.369	1000	1	05/21/09
Phenanthrene	**0.438**	mg/kg dry	0.369	1000	1	05/21/09
Pyrene	**0.855**	mg/kg dry	0.369	1000	1	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*61 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*79 %*		*30-130*
Surrogate: Nitrobenzene-d5	*60 %*		*30-130*
Surrogate: p-Terphenyl-d14	*89 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-12 2Ft
Date Sampled: 05/19/09 13:15
Percent Solids: 94
Initial Volume: 20.4
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-06
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
Total Petroleum Hydrocarbons	**54.7**	mg/kg dry	20.9	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*90 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-15 2Ft
Date Sampled: 05/19/09 13:30
Percent Solids: 95

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-07
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.0	6010B	27	1	SVD	05/20/09	1.75	100
Arsenic	**8.1**	mg/kg dry	3.0	6010B	10	1	SVD	05/20/09	1.75	100
Beryllium	**0.18**	mg/kg dry	0.06	6010B	2	1	SVD	05/20/09	1.75	100
Cadmium	ND	mg/kg dry	0.60	6010B	34	1	SVD	05/20/09	1.75	100
Chromium	**9.8**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.75	100
Copper	**8.4**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.75	100
Lead	**19.2**	mg/kg dry	6.0	6010B	400	1	SVD	05/20/09	1.75	100
Mercury	ND	mg/kg dry	0.033	7471A	20	1	KAB	05/21/09	0.63	40
Nickel	**7.7**	mg/kg dry	3.0	6010B	1400	1	SVD	05/20/09	1.75	100
Selenium	ND	mg/kg dry	6.0	6010B	340	1	SVD	05/20/09	1.75	100
Silver	ND	mg/kg dry	0.60	6010B	340	1	SVD	05/20/09	1.75	100
Thallium	ND	mg/kg dry	1.49	7841	5.4	5	SVD	05/21/09	1.75	100
Zinc	**10.8**	mg/kg dry	3.0	6010B	20000	1	SVD	05/20/09	1.75	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-15 2Ft
Date Sampled: 05/19/09 13:30
Percent Solids: 95
Initial Volume: 14.5
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-07
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.363	474	1	05/21/09
Acenaphthene	ND	mg/kg dry	0.363	1000	1	05/21/09
Acenaphthylene	ND	mg/kg dry	0.363	1000	1	05/21/09
Anthracene	ND	mg/kg dry	0.363	1000	1	05/21/09
Benzo(a)anthracene	ND	mg/kg dry	0.363	1	1	05/21/09
Benzo(a)pyrene	ND	mg/kg dry	0.182	1	1	05/21/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.363	1	1	05/21/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.363	1000	1	05/21/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.363	8.4	1	05/21/09
Chrysene	ND	mg/kg dry	0.182	84	1	05/21/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.182	0.33	1	05/21/09
Fluoranthene	ND	mg/kg dry	0.363	1000	1	05/21/09
Fluorene	ND	mg/kg dry	0.363	1000	1	05/21/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.363	1	1	05/21/09
Naphthalene	ND	mg/kg dry	0.363	1000	1	05/21/09
Phenanthrene	ND	mg/kg dry	0.363	1000	1	05/21/09
Pyrene	ND	mg/kg dry	0.363	1000	1	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*69 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*82 %*		*30-130*
Surrogate: Nitrobenzene-d5	*65 %*		*30-130*
Surrogate: p-Terphenyl-d14	*96 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-15 2Ft
Date Sampled: 05/19/09 13:30
Percent Solids: 95
Initial Volume: 20.5
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-07
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
Total Petroleum Hydrocarbons	ND	mg/kg dry	20.5	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*84 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-16 2Ft
Date Sampled: 05/19/09 13:45
Percent Solids: 92

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-08
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.2	6010B	27	1	SVD	05/20/09	1.75	100
Arsenic	**7.2**	mg/kg dry	3.1	6010B	10	1	SVD	05/20/09	1.75	100
Beryllium	**0.16**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.75	100
Cadmium	ND	mg/kg dry	0.62	6010B	34	1	SVD	05/20/09	1.75	100
Chromium	**12.2**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.75	100
Copper	**9.8**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.75	100
Lead	**24.1**	mg/kg dry	6.2	6010B	400	1	SVD	05/20/09	1.75	100
Mercury	ND	mg/kg dry	0.036	7471A	20	1	KAB	05/21/09	0.6	40
Nickel	**9.1**	mg/kg dry	3.1	6010B	1400	1	SVD	05/20/09	1.75	100
Selenium	ND	mg/kg dry	6.2	6010B	340	1	SVD	05/20/09	1.75	100
Silver	ND	mg/kg dry	0.62	6010B	340	1	SVD	05/20/09	1.75	100
Thallium	ND	mg/kg dry	1.54	7841	5.4	5	SVD	05/21/09	1.75	100
Zinc	**16.2**	mg/kg dry	3.1	6010B	20000	1	SVD	05/20/09	1.75	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-16 2Ft
Date Sampled: 05/19/09 13:45
Percent Solids: 92
Initial Volume: 14.9
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-08
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.364	474	1	05/21/09
Acenaphthene	ND	mg/kg dry	0.364	1000	1	05/21/09
Acenaphthylene	ND	mg/kg dry	0.364	1000	1	05/21/09
Anthracene	ND	mg/kg dry	0.364	1000	1	05/21/09
Benzo(a)anthracene	ND	mg/kg dry	0.364	1	1	05/21/09
Benzo(a)pyrene	**0.238**	mg/kg dry	0.183	1	1	05/21/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.364	1	1	05/21/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.364	1000	1	05/21/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.364	8.4	1	05/21/09
Chrysene	**0.288**	mg/kg dry	0.183	84	1	05/21/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.183	0.33	1	05/21/09
Fluoranthene	**0.545**	mg/kg dry	0.364	1000	1	05/21/09
Fluorene	ND	mg/kg dry	0.364	1000	1	05/21/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.364	1	1	05/21/09
Naphthalene	ND	mg/kg dry	0.364	1000	1	05/21/09
Phenanthrene	ND	mg/kg dry	0.364	1000	1	05/21/09
Pyrene	**0.425**	mg/kg dry	0.364	1000	1	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*62 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*73 %*		*30-130*
Surrogate: Nitrobenzene-d5	*66 %*		*30-130*
Surrogate: p-Terphenyl-d14	*88 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-16 2Ft
Date Sampled: 05/19/09 13:45
Percent Solids: 92
Initial Volume: 20.4
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-08
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
Total Petroleum Hydrocarbons	ND	mg/kg dry	21.3	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*86 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-13 1Ft
Date Sampled: 05/19/09 14:15
Percent Solids: 91

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-09
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.2	6010B	27	1	SVD	05/20/09	1.77	100
Arsenic	**5.1**	mg/kg dry	3.1	6010B	10	1	SVD	05/20/09	1.77	100
Beryllium	**0.12**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.77	100
Cadmium	ND	mg/kg dry	0.62	6010B	34	1	SVD	05/20/09	1.77	100
Chromium	**10.9**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.77	100
Copper	**18.8**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.77	100
Lead	**853**	mg/kg dry	6.2	6010B	400	1	SVD	05/20/09	1.77	100
Mercury	**0.095**	mg/kg dry	0.032	7471A	20	1	KAB	05/21/09	0.69	40
Nickel	**8.1**	mg/kg dry	3.1	6010B	1400	1	SVD	05/20/09	1.77	100
Selenium	ND	mg/kg dry	6.2	6010B	340	1	SVD	05/20/09	1.77	100
Silver	ND	mg/kg dry	0.62	6010B	340	1	SVD	05/20/09	1.77	100
Thallium	ND	mg/kg dry	1.54	7841	5.4	5	SVD	05/21/09	1.77	100
Zinc	**24.8**	mg/kg dry	3.1	6010B	20000	1	SVD	05/20/09	1.77	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-13 1Ft
Date Sampled: 05/19/09 14:15
Percent Solids: 91
Initial Volume: 14.7
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-09
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.373	474	1	05/21/09
Acenaphthene	ND	mg/kg dry	0.373	1000	1	05/21/09
Acenaphthylene	ND	mg/kg dry	0.373	1000	1	05/21/09
Anthracene	ND	mg/kg dry	0.373	1000	1	05/21/09
Benzo(a)anthracene	ND	mg/kg dry	0.373	1	1	05/21/09
Benzo(a)pyrene	ND	mg/kg dry	0.187	1	1	05/21/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.373	1	1	05/21/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.373	1000	1	05/21/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.373	8.4	1	05/21/09
Chrysene	ND	mg/kg dry	0.187	84	1	05/21/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.187	0.33	1	05/21/09
Fluoranthene	ND	mg/kg dry	0.373	1000	1	05/21/09
Fluorene	ND	mg/kg dry	0.373	1000	1	05/21/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.373	1	1	05/21/09
Naphthalene	ND	mg/kg dry	0.373	1000	1	05/21/09
Phenanthrene	ND	mg/kg dry	0.373	1000	1	05/21/09
Pyrene	ND	mg/kg dry	0.373	1000	1	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*69 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*81 %*		*30-130*
Surrogate: Nitrobenzene-d5	*69 %*		*30-130*
Surrogate: p-Terphenyl-d14	*92 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-13 1Ft
Date Sampled: 05/19/09 14:15
Percent Solids: 91
Initial Volume: 20.9
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-09
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
Total Petroleum Hydrocarbons	ND	mg/kg dry	21.0	500	1	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: O-Terphenyl	*79 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-14 2 Ft
Date Sampled: 05/19/09 14:30
Percent Solids: 87

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-10
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.5	6010B	27	1	SVD	05/20/09	1.76	100
Arsenic	**6.9**	mg/kg dry	3.3	6010B	10	1	SVD	05/20/09	1.76	100
Beryllium	**0.10**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.76	100
Cadmium	ND	mg/kg dry	0.66	6010B	34	1	SVD	05/20/09	1.76	100
Chromium	**7.0**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.76	100
Copper	**5.8**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.76	100
Lead	**27.6**	mg/kg dry	6.5	6010B	400	1	SVD	05/20/09	1.76	100
Mercury	ND	mg/kg dry	0.036	7471A	20	1	KAB	05/21/09	0.64	40
Nickel	**5.3**	mg/kg dry	3.3	6010B	1400	1	SVD	05/20/09	1.76	100
Selenium	ND	mg/kg dry	6.5	6010B	340	1	SVD	05/20/09	1.76	100
Silver	ND	mg/kg dry	0.66	6010B	340	1	SVD	05/20/09	1.76	100
Thallium	ND	mg/kg dry	1.62	7841	5.4	5	SVD	05/21/09	1.76	100
Zinc	**12.1**	mg/kg dry	3.3	6010B	20000	1	SVD	05/20/09	1.76	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-14 2 Ft
Date Sampled: 05/19/09 14:30
Percent Solids: 87
Initial Volume: 15.2
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-10
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.378	474	1	05/21/09
Acenaphthene	ND	mg/kg dry	0.378	1000	1	05/21/09
Acenaphthylene	ND	mg/kg dry	0.378	1000	1	05/21/09
Anthracene	ND	mg/kg dry	0.378	1000	1	05/21/09
Benzo(a)anthracene	**0.783**	mg/kg dry	0.378	1	1	05/21/09
Benzo(a)pyrene	**0.620**	mg/kg dry	0.189	1	1	05/21/09
Benzo(b)fluoranthene	**0.552**	mg/kg dry	0.378	1	1	05/21/09
Benzo(g,h,i)perylene	**0.489**	mg/kg dry	0.378	1000	1	05/21/09
Benzo(k)fluoranthene	**0.573**	mg/kg dry	0.378	8.4	1	05/21/09
Chrysene	**0.758**	mg/kg dry	0.189	84	1	05/21/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.189	0.33	1	05/21/09
Fluoranthene	**1.63**	mg/kg dry	0.378	1000	1	05/21/09
Fluorene	ND	mg/kg dry	0.378	1000	1	05/21/09
Indeno(1,2,3-cd)Pyrene	**0.481**	mg/kg dry	0.378	1	1	05/21/09
Naphthalene	ND	mg/kg dry	0.378	1000	1	05/21/09
Phenanthrene	ND	mg/kg dry	0.378	1000	1	05/21/09
Pyrene	**1.43**	mg/kg dry	0.378	1000	1	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*65 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*88 %*		*30-130*
Surrogate: Nitrobenzene-d5	*72 %*		*30-130*
Surrogate: p-Terphenyl-d14	*97 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-14 2 Ft
Date Sampled: 05/19/09 14:30
Percent Solids: 87
Initial Volume: 20.1
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-10
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
Total Petroleum Hydrocarbons	**28.6**	mg/kg dry	22.9	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*73 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-14 8 Ft
Date Sampled: 05/19/09 14:30
Percent Solids: 91

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-11
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.2	6010B	27	1	SVD	05/20/09	1.78	100
Arsenic	**4.8**	mg/kg dry	3.1	6010B	10	1	SVD	05/20/09	1.78	100
Beryllium	**0.17**	mg/kg dry	0.06	6010B	2	1	SVD	05/20/09	1.78	100
Cadmium	ND	mg/kg dry	0.62	6010B	34	1	SVD	05/20/09	1.78	100
Chromium	**12.6**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.78	100
Copper	**8.7**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.78	100
Lead	**37.2**	mg/kg dry	6.2	6010B	400	1	SVD	05/20/09	1.78	100
Mercury	ND	mg/kg dry	0.036	7471A	20	1	KAB	05/21/09	0.6	40
Nickel	**8.6**	mg/kg dry	3.1	6010B	1400	1	SVD	05/20/09	1.78	100
Selenium	ND	mg/kg dry	6.2	6010B	340	1	SVD	05/20/09	1.78	100
Silver	ND	mg/kg dry	0.62	6010B	340	1	SVD	05/20/09	1.78	100
Thallium	ND	mg/kg dry	1.53	7841	5.4	5	SVD	05/21/09	1.78	100
Zinc	**17.0**	mg/kg dry	3.1	6010B	20000	1	SVD	05/20/09	1.78	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-14 8 Ft
Date Sampled: 05/19/09 14:30
Percent Solids: 91
Initial Volume: 15
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-11
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.366	474	1	05/22/09
Acenaphthene	ND	mg/kg dry	0.366	1000	1	05/22/09
Acenaphthylene	ND	mg/kg dry	0.366	1000	1	05/22/09
Anthracene	ND	mg/kg dry	0.366	1000	1	05/22/09
Benzo(a)anthracene	ND	mg/kg dry	0.366	1	1	05/22/09
Benzo(a)pyrene	ND	mg/kg dry	0.184	1	1	05/22/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.366	1	1	05/22/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.366	1000	1	05/22/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.366	8.4	1	05/22/09
Chrysene	ND	mg/kg dry	0.184	84	1	05/22/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.184	0.33	1	05/22/09
Fluoranthene	ND	mg/kg dry	0.366	1000	1	05/22/09
Fluorene	ND	mg/kg dry	0.366	1000	1	05/22/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.366	1	1	05/22/09
Naphthalene	ND	mg/kg dry	0.366	1000	1	05/22/09
Phenanthrene	ND	mg/kg dry	0.366	1000	1	05/22/09
Pyrene	ND	mg/kg dry	0.366	1000	1	05/22/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*64 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*86 %*		*30-130*
Surrogate: Nitrobenzene-d5	*59 %*		*30-130*
Surrogate: p-Terphenyl-d14	*89 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-14 8 Ft
Date Sampled: 05/19/09 14:30
Percent Solids: 91
Initial Volume: 20.6
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-11
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
Total Petroleum Hydrocarbons	**34.8**	mg/kg dry	21.3	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*60 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-17 5 Ft
Date Sampled: 05/19/09 14:50
Percent Solids: 89

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-12
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.4	6010B	27	1	SVD	05/20/09	1.75	100
Arsenic	**5.3**	mg/kg dry	3.2	6010B	10	1	SVD	05/20/09	1.75	100
Beryllium	**0.14**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.75	100
Cadmium	ND	mg/kg dry	0.65	6010B	34	1	SVD	05/20/09	1.75	100
Chromium	**9.1**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.75	100
Copper	**11.4**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.75	100
Lead	**290**	mg/kg dry	6.4	6010B	400	1	SVD	05/20/09	1.75	100
Mercury	**0.062**	mg/kg dry	0.036	7471A	20	1	KAB	05/21/09	0.61	40
Nickel	**6.3**	mg/kg dry	3.2	6010B	1400	1	SVD	05/20/09	1.75	100
Selenium	ND	mg/kg dry	6.4	6010B	340	1	SVD	05/20/09	1.75	100
Silver	ND	mg/kg dry	0.65	6010B	340	1	SVD	05/20/09	1.75	100
Thallium	ND	mg/kg dry	1.59	7841	5.4	5	SVD	05/21/09	1.75	100
Zinc	**63.3**	mg/kg dry	3.2	6010B	20000	1	SVD	05/20/09	1.75	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-17 5 Ft
Date Sampled: 05/19/09 14:50
Percent Solids: 89
Initial Volume: 15.3
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-12
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.367	474	1	05/22/09
Acenaphthene	ND	mg/kg dry	0.367	1000	1	05/22/09
Acenaphthylene	ND	mg/kg dry	0.367	1000	1	05/22/09
Anthracene	ND	mg/kg dry	0.367	1000	1	05/22/09
Benzo(a)anthracene	**1.05**	mg/kg dry	0.367	1	1	05/22/09
Benzo(a)pyrene	**0.902**	mg/kg dry	0.184	1	1	05/22/09
Benzo(b)fluoranthene	**0.744**	mg/kg dry	0.367	1	1	05/22/09
Benzo(g,h,i)perylene	**0.497**	mg/kg dry	0.367	1000	1	05/22/09
Benzo(k)fluoranthene	**0.846**	mg/kg dry	0.367	8.4	1	05/22/09
Chrysene	**1.04**	mg/kg dry	0.184	84	1	05/22/09
Dibenzo(a,h)Anthracene	**0.245**	mg/kg dry	0.184	0.33	1	05/22/09
Fluoranthene	**1.50**	mg/kg dry	0.367	1000	1	05/22/09
Fluorene	ND	mg/kg dry	0.367	1000	1	05/22/09
Indeno(1,2,3-cd)Pyrene	**0.533**	mg/kg dry	0.367	1	1	05/22/09
Naphthalene	ND	mg/kg dry	0.367	1000	1	05/22/09
Phenanthrene	**0.739**	mg/kg dry	0.367	1000	1	05/22/09
Pyrene	**1.34**	mg/kg dry	0.367	1000	1	05/22/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*58 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*74 %*		*30-130*
Surrogate: Nitrobenzene-d5	*62 %*		*30-130*
Surrogate: p-Terphenyl-d14	*82 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-17 5 Ft
Date Sampled: 05/19/09 14:50
Percent Solids: 89
Initial Volume: 20.9
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-12
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

					CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**		**Limit**	**DF**	**Analyzed**
Total Petroleum Hydrocarbons	**269**	mg/kg dry	21.5		500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*117 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-140 2 Ft
Date Sampled: 05/19/09 15:30
Percent Solids: 88

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-13
Sample Matrix: Soil

3050B/6000/7000 Total Metals

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V
Antimony	ND	mg/kg dry	6.5	6010B	27	1	SVD	05/20/09	1.76	100
Arsenic	**6.2**	mg/kg dry	3.2	6010B	10	1	SVD	05/20/09	1.76	100
Beryllium	**0.13**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.76	100
Cadmium	ND	mg/kg dry	0.65	6010B	34	1	SVD	05/20/09	1.76	100
Chromium	**7.0**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.76	100
Copper	**6.1**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.76	100
Lead	**27.2**	mg/kg dry	6.5	6010B	400	1	SVD	05/20/09	1.76	100
Mercury	ND	mg/kg dry	0.034	7471A	20	1	KAB	05/21/09	0.66	40
Nickel	**5.2**	mg/kg dry	3.2	6010B	1400	1	SVD	05/20/09	1.76	100
Selenium	ND	mg/kg dry	6.5	6010B	340	1	SVD	05/20/09	1.76	100
Silver	ND	mg/kg dry	0.65	6010B	340	1	SVD	05/20/09	1.76	100
Thallium	ND	mg/kg dry	1.60	7841	5.4	5	SVD	05/21/09	1.76	100
Zinc	**12.3**	mg/kg dry	3.2	6010B	20000	1	SVD	05/20/09	1.76	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-140 2 Ft
Date Sampled: 05/19/09 15:30
Percent Solids: 88
Initial Volume: 15.5
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-13
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/21/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.366	474	1	05/22/09
Acenaphthene	ND	mg/kg dry	0.366	1000	1	05/22/09
Acenaphthylene	ND	mg/kg dry	0.366	1000	1	05/22/09
Anthracene	ND	mg/kg dry	0.366	1000	1	05/22/09
Benzo(a)anthracene	**0.655**	mg/kg dry	0.366	1	1	05/22/09
Benzo(a)pyrene	**0.522**	mg/kg dry	0.184	1	1	05/22/09
Benzo(b)fluoranthene	**0.453**	mg/kg dry	0.366	1	1	05/22/09
Benzo(g,h,i)perylene	**0.402**	mg/kg dry	0.366	1000	1	05/22/09
Benzo(k)fluoranthene	**0.508**	mg/kg dry	0.366	8.4	1	05/22/09
Chrysene	**0.641**	mg/kg dry	0.184	84	1	05/22/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.184	0.33	1	05/22/09
Fluoranthene	**1.37**	mg/kg dry	0.366	1000	1	05/22/09
Fluorene	ND	mg/kg dry	0.366	1000	1	05/22/09
Indeno(1,2,3-cd)Pyrene	**0.386**	mg/kg dry	0.366	1	1	05/22/09
Naphthalene	ND	mg/kg dry	0.366	1000	1	05/22/09
Phenanthrene	ND	mg/kg dry	0.366	1000	1	05/22/09
Pyrene	**1.16**	mg/kg dry	0.366	1000	1	05/22/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*61 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*80 %*		*30-130*
Surrogate: Nitrobenzene-d5	*65 %*		*30-130*
Surrogate: p-Terphenyl-d14	*91 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-140 2 Ft
Date Sampled: 05/19/09 15:30
Percent Solids: 88
Initial Volume: 21
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905249
ESS Laboratory Sample ID: 0905249-13
Sample Matrix: Soil
Analyst: ML
Prepared: 05/19/09

8100M Extractable Total Petroleum Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
Total Petroleum Hydrocarbons	**38.3**	mg/kg dry	21.6	500	1	05/21/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*98 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill

ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BE92013 - 3050B										
Blank										
Antimony	ND	6.7	mg/kg wet							
Arsenic	ND	3.3	mg/kg wet							
Beryllium	ND	0.07	mg/kg wet							
Cadmium	ND	0.67	mg/kg wet							
Chromium	ND	1.3	mg/kg wet							
Copper	ND	1.3	mg/kg wet							
Lead	ND	6.7	mg/kg wet							
Nickel	ND	3.3	mg/kg wet							
Selenium	ND	6.7	mg/kg wet							
Silver	ND	0.67	mg/kg wet							
Thallium	ND	0.33	mg/kg wet							
Zinc	ND	3.3	mg/kg wet							
LCS										
Antimony	32.3	6.7	mg/kg wet	33.33		97	80-120			
Arsenic	34.1	3.3	mg/kg wet	33.33		102	80-120			
Beryllium	3.26	0.07	mg/kg wet	3.333		98	80-120			
Cadmium	15.4	0.67	mg/kg wet	16.67		93	80-120			
Chromium	33.1	1.3	mg/kg wet	33.33		99	80-120			
Copper	31.9	1.3	mg/kg wet	33.33		96	80-120			
Lead	33.3	6.7	mg/kg wet	33.33		100	80-120			
Nickel	33.1	3.3	mg/kg wet	33.33		99	80-120			
Selenium	60.7	6.7	mg/kg wet	66.67		91	80-120			
Silver	16.1	0.67	mg/kg wet	16.67		97	80-120			
Thallium	33.8	6.60	mg/kg wet	33.33		101	80-120			
Zinc	31.9	3.3	mg/kg wet	33.33		96	80-120			
LCS Dup										
Antimony	31.9	6.7	mg/kg wet	33.33		96	80-120	1	20	
Arsenic	33.7	3.3	mg/kg wet	33.33		101	80-120	1	20	
Beryllium	3.22	0.07	mg/kg wet	3.333		97	80-120	1	20	
Cadmium	15.3	0.67	mg/kg wet	16.67		92	80-120	1	20	
Chromium	32.7	1.3	mg/kg wet	33.33		98	80-120	1	20	
Copper	31.5	1.3	mg/kg wet	33.33		94	80-120	1	20	
Lead	32.9	6.7	mg/kg wet	33.33		99	80-120	1	20	
Nickel	32.4	3.3	mg/kg wet	33.33		97	80-120	2	20	
Selenium	59.4	6.7	mg/kg wet	66.67		89	80-120	2	20	
Silver	15.9	0.67	mg/kg wet	16.67		95	80-120	1	20	
Thallium	35.7	6.60	mg/kg wet	33.33		107	80-120	6	20	
Zinc	31.6	3.3	mg/kg wet	33.33		95	80-120	1	20	
Duplicate **Source: 0905249-12**										
Antimony	ND	6.4	mg/kg dry		ND				35	
Arsenic	5.10	3.2	mg/kg dry		5.31			4	35	
Beryllium	0.137	0.07	mg/kg dry		0.137			0.5	35	
Cadmium	0.233	0.65	mg/kg dry		0.226			3	35	
Chromium	9.48	1.3	mg/kg dry		9.11			4	35	

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill

ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BE92013 - 3050B										
Copper	11.4	1.3	mg/kg dry		11.4			0.1	35	
Lead	177	6.4	mg/kg dry		290			48	35	D+
Nickel	6.78	3.2	mg/kg dry		6.32			7	35	
Selenium	ND	6.4	mg/kg dry		ND				35	
Silver	ND	0.65	mg/kg dry		ND				35	
Thallium	ND	1.59	mg/kg dry		ND				35	
Zinc	57.2	3.2	mg/kg dry		63.3			10	35	
Duplicate **Source: 0905249-13**										
Antimony	ND	6.5	mg/kg dry		ND				35	
Arsenic	6.47	3.2	mg/kg dry		6.22			4	35	
Beryllium	0.103	0.07	mg/kg dry		0.126			20	35	
Cadmium	0.206	0.65	mg/kg dry		0.250			19	35	
Chromium	7.18	1.3	mg/kg dry		7.03			2	35	
Copper	8.49	1.3	mg/kg dry		6.09			33	35	
Lead	25.0	6.5	mg/kg dry		27.2			8	35	
Nickel	5.10	3.2	mg/kg dry		5.24			3	35	
Selenium	ND	6.5	mg/kg dry		ND				35	
Silver	0.085	0.65	mg/kg dry		0.072			16	35	
Thallium	ND	1.60	mg/kg dry		ND				35	
Zinc	12.0	3.2	mg/kg dry		12.3			2	35	
Duplicate **Source: 0905249-03**										
Antimony	ND	6.0	mg/kg dry		ND				35	
Arsenic	4.44	3.0	mg/kg dry		5.13			15	35	
Beryllium	0.194	0.06	mg/kg dry		0.219			12	35	
Cadmium	0.182	0.60	mg/kg dry		0.260			35	35	
Chromium	13.1	1.2	mg/kg dry		15.2			15	35	
Copper	9.12	1.2	mg/kg dry		9.81			7	35	
Lead	3.83	6.0	mg/kg dry		3.84			0.3	35	
Nickel	9.49	3.0	mg/kg dry		10.8			13	35	
Selenium	ND	6.0	mg/kg dry		ND				35	
Silver	ND	0.60	mg/kg dry		ND				35	
Thallium	ND	1.48	mg/kg dry		ND				35	
Zinc	11.5	3.0	mg/kg dry		12.3			7	35	
Matrix Spike **Source: 0905249-03**										
Antimony	19.0	6.2	mg/kg dry	31.04	ND	61	75-125			M-
Arsenic	34.6	3.1	mg/kg dry	31.04	5.13	95	75-125			
Beryllium	2.93	0.07	mg/kg dry	3.104	0.219	87	75-125			
Cadmium	13.2	0.62	mg/kg dry	15.52	0.260	84	75-125			
Chromium	37.3	1.2	mg/kg dry	31.04	15.2	71	75-125			M-
Copper	41.0	1.2	mg/kg dry	31.04	9.81	100	75-125			
Lead	232	6.2	mg/kg dry	31.04	3.84	734	75-125			M-
Nickel	35.1	3.1	mg/kg dry	31.04	10.8	78	75-125			
Selenium	52.9	6.2	mg/kg dry	62.08	ND	85	75-125			
Silver	14.2	0.62	mg/kg dry	15.52	ND	92	75-125			
Thallium	29.1	6.15	mg/kg dry	31.04	ND	94	75-125			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill

ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BE92013 - 3050B										
Zinc	87.2	3.1	mg/kg dry	31.04	12.3	241	75-125			M+
Matrix Spike **Source: 0905249-13**										
Antimony	18.8	6.4	mg/kg dry	31.92	ND	59	75-125			M-
Arsenic	34.2	3.2	mg/kg dry	31.92	6.22	88	75-125			
Beryllium	2.89	0.07	mg/kg dry	3.192	0.126	87	75-125			
Cadmium	13.5	0.64	mg/kg dry	15.96	0.250	83	75-125			
Chromium	35.7	1.3	mg/kg dry	31.92	7.03	90	75-125			
Copper	35.0	1.3	mg/kg dry	31.92	6.09	90	75-125			
Lead	51.3	6.4	mg/kg dry	31.92	27.2	76	75-125			
Nickel	33.4	3.2	mg/kg dry	31.92	5.24	88	75-125			
Selenium	54.3	6.4	mg/kg dry	63.84	ND	85	75-125			
Silver	14.6	0.64	mg/kg dry	15.96	0.072	91	75-125			
Thallium	28.7	6.32	mg/kg dry	31.92	ND	90	75-125			
Zinc	40.0	3.2	mg/kg dry	31.92	12.3	87	75-125			
Matrix Spike **Source: 0905249-03**										
Antimony	17.9	6.1	mg/kg dry	30.53	ND	59	75-125			M-
Arsenic	31.5	3.0	mg/kg dry	30.53	5.13	86	75-125			
Beryllium	2.96	0.06	mg/kg dry	3.053	0.219	90	75-125			
Cadmium	13.0	0.61	mg/kg dry	15.26	0.260	83	75-125			
Chromium	42.5	1.2	mg/kg dry	30.53	15.2	89	75-125			
Copper	38.7	1.2	mg/kg dry	30.53	9.81	95	75-125			
Lead	31.1	6.1	mg/kg dry	30.53	3.84	89	75-125			
Nickel	38.1	3.0	mg/kg dry	30.53	10.8	89	75-125			
Selenium	52.8	6.1	mg/kg dry	61.05	ND	87	75-125			
Silver	13.7	0.61	mg/kg dry	15.26	ND	90	75-125			
Thallium	27.0	6.04	mg/kg dry	30.53	ND	89	75-125			
Zinc	41.1	3.0	mg/kg dry	30.53	12.3	94	75-125			
Reference										
Antimony	86.1	10.0	mg/kg wet	127.0		68	0-210			
Arsenic	282	5.0	mg/kg wet	280.0		101	81-119			
Beryllium	49.3	0.10	mg/kg wet	51.00		97	83-117			
Cadmium	168	1.00	mg/kg wet	182.0		92	82-118			
Chromium	135	2.0	mg/kg wet	142.0		95	81-120			
Copper	123	2.0	mg/kg wet	132.0		93	83-117			
Lead	71.7	10.0	mg/kg wet	72.20		99	82-118			
Nickel	154	5.0	mg/kg wet	155.0		99	82-117			
Selenium	155	10.0	mg/kg wet	165.0		94	78-123			
Silver	129	1.00	mg/kg wet	126.0		102	66-134			
Thallium	199	24.8	mg/kg wet	184.0		108	77-122			
Zinc	318	5.0	mg/kg wet	346.0		92	79-121			
Batch BE92015 - 7471A										
Blank										
Mercury	ND	0.033	mg/kg wet							
LCS										

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BE92015 - 7471A										
Mercury	0.225	0.033	mg/kg wet	0.2000		112	80-120			
LCS Dup										
Mercury	0.217	0.033	mg/kg wet	0.2000		109	80-120	3	20	
Duplicate Source: 0905249-06										
Mercury	0.0605	0.035	mg/kg dry		0.0778			25	35	
Duplicate Source: 0905249-03										
Mercury	0.0057	0.035	mg/kg dry		0.0114			66	35	
Matrix Spike Source: 0905249-06										
Mercury	0.288	0.034	mg/kg dry	0.2059	0.0778	102	75-125			
Matrix Spike Source: 0905249-03										
Mercury	0.237	0.036	mg/kg dry	0.2198	0.0114	102	75-125			
Matrix Spike Dup Source: 0905249-06										
Mercury	0.300	0.035	mg/kg dry	0.2128	0.0778	104	75-125	2	35	
Matrix Spike Dup Source: 0905249-03										
Mercury	0.221	0.033	mg/kg dry	0.2029	0.0114	103	75-125	0.9	35	
Reference										
Mercury	8.17	0.660	mg/kg wet	8.480		96	66-132			
Batch BE92016 - 7471A										
Blank										
Mercury	ND	0.033	mg/kg wet							
LCS										
Mercury	0.234	0.033	mg/kg wet	0.2000		117	80-120			
LCS Dup										
Mercury	0.218	0.033	mg/kg wet	0.2000		109	80-120	7	20	
Duplicate Source: 0905249-13										
Mercury	0.0108	0.036	mg/kg dry		0.0177			49	35	
Matrix Spike Source: 0905249-13										
Mercury	0.251	0.036	mg/kg dry	0.2199	0.0177	106	75-125			
Matrix Spike Dup Source: 0905249-13										
Mercury	0.247	0.036	mg/kg dry	0.2165	0.0177	106	75-125	0.4	35	
Reference										
Mercury	7.82	0.660	mg/kg wet	8.480		92	66-132			
5035/8260B Volatile Organic Compounds / Low Level										
Batch BE92112 - 5035										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet							
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0050	mg/kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.0050	mg/kg wet							
1,1,2-Trichloroethane	ND	0.0050	mg/kg wet							
1,1-Dichloroethane	ND	0.0050	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch BE92112 - 5035										
1,1-Dichloroethene	ND	0.0050	mg/kg wet							
1,1-Dichloropropene	ND	0.0050	mg/kg wet							
1,2,3-Trichlorobenzene	ND	0.0050	mg/kg wet							
1,2,3-Trichloropropane	ND	0.0050	mg/kg wet							
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet							
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/kg wet							
1,2-Dibromoethane	ND	0.0050	mg/kg wet							
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet							
1,2-Dichloroethane	ND	0.0050	mg/kg wet							
1,2-Dichloropropane	ND	0.0050	mg/kg wet							
1,3,5-Trimethylbenzene	ND	0.0050	mg/kg wet							
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet							
1,3-Dichloropropane	ND	0.0050	mg/kg wet							
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet							
1,4-Dioxane	ND	0.100	mg/kg wet							
2,2-Dichloropropane	ND	0.0050	mg/kg wet							
2-Butanone	ND	0.0500	mg/kg wet							
2-Chlorotoluene	ND	0.0050	mg/kg wet							
2-Hexanone	ND	0.0500	mg/kg wet							
4-Chlorotoluene	ND	0.0050	mg/kg wet							
4-Isopropyltoluene	ND	0.0050	mg/kg wet							
4-Methyl-2-Pentanone	ND	0.0500	mg/kg wet							
Acetone	ND	0.0500	mg/kg wet							
Acrylonitrile	ND	0.0050	mg/kg wet							
Benzene	ND	0.0050	mg/kg wet							
Bromobenzene	ND	0.0050	mg/kg wet							
Bromochloromethane	ND	0.0050	mg/kg wet							
Bromodichloromethane	ND	0.0050	mg/kg wet							
Bromoform	ND	0.0050	mg/kg wet							
Bromomethane	ND	0.0100	mg/kg wet							
Carbon Disulfide	ND	0.0050	mg/kg wet							
Carbon Tetrachloride	ND	0.0050	mg/kg wet							
Chlorobenzene	ND	0.0050	mg/kg wet							
Chloroethane	ND	0.0100	mg/kg wet							
Chloroform	ND	0.0050	mg/kg wet							
Chloromethane	ND	0.0100	mg/kg wet							
cis-1,2-Dichloroethene	ND	0.0050	mg/kg wet							
cis-1,3-Dichloropropene	ND	0.0050	mg/kg wet							
Dibromochloromethane	ND	0.0050	mg/kg wet							
Dibromomethane	ND	0.0050	mg/kg wet							
Dichlorodifluoromethane	ND	0.0100	mg/kg wet							
Diethyl Ether	ND	0.0050	mg/kg wet							
Di-isopropyl ether	ND	0.0050	mg/kg wet							
Ethyl tertiary-butyl ether	ND	0.0050	mg/kg wet							
Ethylbenzene	ND	0.0050	mg/kg wet							

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Client Name: Advanced Environmental Solutions, Inc.
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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch BE92112 - 5035										
Hexachlorobutadiene	ND	0.0050	mg/kg wet							
Isopropylbenzene	ND	0.0050	mg/kg wet							
Methyl tert-Butyl Ether	ND	0.0050	mg/kg wet							
Methylene Chloride	ND	0.0250	mg/kg wet							
Naphthalene	ND	0.0050	mg/kg wet							
n-Butylbenzene	ND	0.0050	mg/kg wet							
n-Propylbenzene	ND	0.0050	mg/kg wet							
sec-Butylbenzene	ND	0.0050	mg/kg wet							
Styrene	ND	0.0050	mg/kg wet							
tert-Butylbenzene	ND	0.0050	mg/kg wet							
Tertiary-amyl methyl ether	ND	0.0050	mg/kg wet							
Tetrachloroethene	ND	0.0050	mg/kg wet							
Tetrahydrofuran	ND	0.0050	mg/kg wet							
Toluene	ND	0.0050	mg/kg wet							
trans-1,2-Dichloroethene	ND	0.0050	mg/kg wet							
trans-1,3-Dichloropropene	ND	0.0050	mg/kg wet							
Trans-1,4-Dichloro-2-Butene	ND	0.0050	mg/kg wet							
Trichloroethene	ND	0.0050	mg/kg wet							
Trichlorofluoromethane	ND	0.0050	mg/kg wet							
Vinyl Chloride	ND	0.0100	mg/kg wet							
Xylene O	ND	0.0050	mg/kg wet							
Xylene P,M	ND	0.0100	mg/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0499*		mg/kg wet	*0.05000*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0504*		mg/kg wet	*0.05000*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0475*		mg/kg wet	*0.05000*		*95*	*70-130*			
Surrogate: Toluene-d8	*0.0508*		mg/kg wet	*0.05000*		*102*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	0.0482	0.0050	mg/kg wet	0.05000		96	70-130			
1,1,1-Trichloroethane	0.0417	0.0050	mg/kg wet	0.05000		83	70-130			
1,1,2,2-Tetrachloroethane	0.0477	0.0050	mg/kg wet	0.05000		95	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0483	0.0050	mg/kg wet	0.05000		97	70-130			
1,1,2-Trichloroethane	0.0508	0.0050	mg/kg wet	0.05000		102	70-130			
1,1-Dichloroethane	0.0470	0.0050	mg/kg wet	0.05000		94	70-130			
1,1-Dichloroethene	0.0459	0.0050	mg/kg wet	0.05000		92	70-130			
1,1-Dichloropropene	0.0452	0.0050	mg/kg wet	0.05000		90	70-130			
1,2,3-Trichlorobenzene	0.0474	0.0050	mg/kg wet	0.05000		95	70-130			
1,2,3-Trichloropropane	0.0467	0.0050	mg/kg wet	0.05000		93	70-130			
1,2,4-Trichlorobenzene	0.0457	0.0050	mg/kg wet	0.05000		91	70-130			
1,2,4-Trimethylbenzene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130			
1,2-Dibromo-3-Chloropropane	0.0429	0.0050	mg/kg wet	0.05000		86	70-130			
1,2-Dibromoethane	0.0505	0.0050	mg/kg wet	0.05000		101	70-130			
1,2-Dichlorobenzene	0.0472	0.0050	mg/kg wet	0.05000		94	70-130			
1,2-Dichloroethane	0.0427	0.0050	mg/kg wet	0.05000		85	70-130			
1,2-Dichloropropane	0.0482	0.0050	mg/kg wet	0.05000		96	70-130			
1,3,5-Trimethylbenzene	0.0465	0.0050	mg/kg wet	0.05000		93	70-130			
1,3-Dichlorobenzene	0.0468	0.0050	mg/kg wet	0.05000		94	70-130			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill

ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch BE92112 - 5035										
1,3-Dichloropropane	0.0529	0.0050	mg/kg wet	0.05000		106	70-130			
1,4-Dichlorobenzene	0.0479	0.0050	mg/kg wet	0.05000		96	70-130			
1,4-Dioxane	1.05	0.100	mg/kg wet	1.000		105	70-130			
2,2-Dichloropropane	0.0439	0.0050	mg/kg wet	0.05000		88	70-130			
2-Butanone	0.250	0.0500	mg/kg wet	0.2500		100	70-130			
2-Chlorotoluene	0.0465	0.0050	mg/kg wet	0.05000		93	70-130			
2-Hexanone	0.268	0.0500	mg/kg wet	0.2500		107	70-130			
4-Chlorotoluene	0.0451	0.0050	mg/kg wet	0.05000		90	70-130			
4-Isopropyltoluene	0.0447	0.0050	mg/kg wet	0.05000		89	70-130			
4-Methyl-2-Pentanone	0.241	0.0500	mg/kg wet	0.2500		96	70-130			
Acetone	0.195	0.0500	mg/kg wet	0.2500		78	70-130			
Acrylonitrile	0.0504	0.0050	mg/kg wet	0.05000		101	70-130			
Benzene	0.0466	0.0050	mg/kg wet	0.05000		93	70-130			
Bromobenzene	0.0474	0.0050	mg/kg wet	0.05000		95	70-130			
Bromochloromethane	0.0450	0.0050	mg/kg wet	0.05000		90	70-130			
Bromodichloromethane	0.0476	0.0050	mg/kg wet	0.05000		95	70-130			
Bromoform	0.0509	0.0050	mg/kg wet	0.05000		102	70-130			
Bromomethane	0.0495	0.0100	mg/kg wet	0.05000		99	70-130			
Carbon Disulfide	0.0507	0.0050	mg/kg wet	0.05000		101	70-130			
Carbon Tetrachloride	0.0448	0.0050	mg/kg wet	0.05000		90	70-130			
Chlorobenzene	0.0493	0.0050	mg/kg wet	0.05000		99	70-130			
Chloroethane	0.0477	0.0100	mg/kg wet	0.05000		95	70-130			
Chloroform	0.0457	0.0050	mg/kg wet	0.05000		91	70-130			
Chloromethane	0.0426	0.0100	mg/kg wet	0.05000		85	70-130			
cis-1,2-Dichloroethene	0.0459	0.0050	mg/kg wet	0.05000		92	70-130			
cis-1,3-Dichloropropene	0.0475	0.0050	mg/kg wet	0.05000		95	70-130			
Dibromochloromethane	0.0507	0.0050	mg/kg wet	0.05000		101	70-130			
Dibromomethane	0.0488	0.0050	mg/kg wet	0.05000		98	70-130			
Dichlorodifluoromethane	0.0389	0.0100	mg/kg wet	0.05000		78	70-130			
Diethyl Ether	0.0370	0.0050	mg/kg wet	0.05000		74	70-130			
Di-isopropyl ether	0.0468	0.0050	mg/kg wet	0.05000		94	70-130			
Ethyl tertiary-butyl ether	0.0425	0.0050	mg/kg wet	0.05000		85	70-130			
Ethylbenzene	0.0491	0.0050	mg/kg wet	0.05000		98	70-130			
Hexachlorobutadiene	0.0469	0.0050	mg/kg wet	0.05000		94	70-130			
Isopropylbenzene	0.0412	0.0050	mg/kg wet	0.05000		82	70-130			
Methyl tert-Butyl Ether	0.0462	0.0050	mg/kg wet	0.05000		92	70-130			
Methylene Chloride	0.0496	0.0250	mg/kg wet	0.05000		99	70-130			
Naphthalene	0.0476	0.0050	mg/kg wet	0.05000		95	70-130			
n-Butylbenzene	0.0473	0.0050	mg/kg wet	0.05000		95	70-130			
n-Propylbenzene	0.0476	0.0050	mg/kg wet	0.05000		95	70-130			
sec-Butylbenzene	0.0472	0.0050	mg/kg wet	0.05000		94	70-130			
Styrene	0.0469	0.0050	mg/kg wet	0.05000		94	70-130			
tert-Butylbenzene	0.0479	0.0050	mg/kg wet	0.05000		96	70-130			
Tertiary-amyl methyl ether	0.0457	0.0050	mg/kg wet	0.05000		91	70-130			
Tetrachloroethene	0.0520	0.0050	mg/kg wet	0.05000		104	70-130			
Tetrahydrofuran	0.0433	0.0050	mg/kg wet	0.05000		87	70-130			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch BE92112 - 5035										
Toluene	0.0474	0.0050	mg/kg wet	0.05000		95	70-130			
trans-1,2-Dichloroethene	0.0507	0.0050	mg/kg wet	0.05000		101	70-130			
trans-1,3-Dichloropropene	0.0429	0.0050	mg/kg wet	0.05000		86	70-130			
Trans-1,4-Dichloro-2-Butene	0.0413	0.0050	mg/kg wet	0.05000		83	70-130			
Trichloroethene	0.0469	0.0050	mg/kg wet	0.05000		94	70-130			
Trichlorofluoromethane	0.0402	0.0050	mg/kg wet	0.05000		80	70-130			
Vinyl Chloride	0.0462	0.0100	mg/kg wet	0.05000		92	70-130			
Xylene O	0.0495	0.0050	mg/kg wet	0.05000		99	70-130			
Xylene P,M	0.0957	0.0100	mg/kg wet	0.1000		96	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0417*		mg/kg wet	*0.05000*		*83*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0502*		mg/kg wet	*0.05000*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0427*		mg/kg wet	*0.05000*		*85*	*70-130*			
Surrogate: Toluene-d8	*0.0528*		mg/kg wet	*0.05000*		*106*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	0.0495	0.0050	mg/kg wet	0.05000		99	70-130	3	25	
1,1,1-Trichloroethane	0.0413	0.0050	mg/kg wet	0.05000		83	70-130	1	25	
1,1,2,2-Tetrachloroethane	0.0472	0.0050	mg/kg wet	0.05000		94	70-130	1	25	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0461	0.0050	mg/kg wet	0.05000		92	70-130	5	25	
1,1,2-Trichloroethane	0.0493	0.0050	mg/kg wet	0.05000		99	70-130	3	25	
1,1-Dichloroethane	0.0468	0.0050	mg/kg wet	0.05000		94	70-130	0.6	25	
1,1-Dichloroethene	0.0467	0.0050	mg/kg wet	0.05000		93	70-130	2	25	
1,1-Dichloropropene	0.0457	0.0050	mg/kg wet	0.05000		91	70-130	1	25	
1,2,3-Trichlorobenzene	0.0450	0.0050	mg/kg wet	0.05000		90	70-130	5	25	
1,2,3-Trichloropropane	0.0457	0.0050	mg/kg wet	0.05000		91	70-130	2	25	
1,2,4-Trichlorobenzene	0.0439	0.0050	mg/kg wet	0.05000		88	70-130	4	25	
1,2,4-Trimethylbenzene	0.0460	0.0050	mg/kg wet	0.05000		92	70-130	0.4	25	
1,2-Dibromo-3-Chloropropane	0.0434	0.0050	mg/kg wet	0.05000		87	70-130	1	25	
1,2-Dibromoethane	0.0484	0.0050	mg/kg wet	0.05000		97	70-130	4	25	
1,2-Dichlorobenzene	0.0468	0.0050	mg/kg wet	0.05000		94	70-130	0.9	25	
1,2-Dichloroethane	0.0438	0.0050	mg/kg wet	0.05000		88	70-130	3	25	
1,2-Dichloropropane	0.0473	0.0050	mg/kg wet	0.05000		95	70-130	2	25	
1,3,5-Trimethylbenzene	0.0479	0.0050	mg/kg wet	0.05000		96	70-130	3	25	
1,3-Dichlorobenzene	0.0466	0.0050	mg/kg wet	0.05000		93	70-130	0.5	25	
1,3-Dichloropropane	0.0521	0.0050	mg/kg wet	0.05000		104	70-130	1	25	
1,4-Dichlorobenzene	0.0446	0.0050	mg/kg wet	0.05000		89	70-130	7	25	
1,4-Dioxane	0.983	0.100	mg/kg wet	1.000		98	70-130	7	20	
2,2-Dichloropropane	0.0431	0.0050	mg/kg wet	0.05000		86	70-130	2	25	
2-Butanone	0.240	0.0500	mg/kg wet	0.2500		96	70-130	4	25	
2-Chlorotoluene	0.0479	0.0050	mg/kg wet	0.05000		96	70-130	3	25	
2-Hexanone	0.251	0.0500	mg/kg wet	0.2500		100	70-130	7	25	
4-Chlorotoluene	0.0475	0.0050	mg/kg wet	0.05000		95	70-130	5	25	
4-Isopropyltoluene	0.0444	0.0050	mg/kg wet	0.05000		89	70-130	0.7	25	
4-Methyl-2-Pentanone	0.227	0.0500	mg/kg wet	0.2500		91	70-130	6	25	
Acetone	0.177	0.0500	mg/kg wet	0.2500		71	70-130	9	25	
Acrylonitrile	0.0482	0.0050	mg/kg wet	0.05000		96	70-130	5	25	
Benzene	0.0463	0.0050	mg/kg wet	0.05000		93	70-130	0.7	25	

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill

ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Low Level										
Batch BE92112 - 5035										
Bromobenzene	0.0495	0.0050	mg/kg wet	0.05000		99	70-130	4	25	
Bromochloromethane	0.0441	0.0050	mg/kg wet	0.05000		88	70-130	2	25	
Bromodichloromethane	0.0482	0.0050	mg/kg wet	0.05000		96	70-130	1	25	
Bromoform	0.0498	0.0050	mg/kg wet	0.05000		100	70-130	2	25	
Bromomethane	0.0499	0.0100	mg/kg wet	0.05000		100	70-130	0.8	25	
Carbon Disulfide	0.0493	0.0050	mg/kg wet	0.05000		99	70-130	3	25	
Carbon Tetrachloride	0.0454	0.0050	mg/kg wet	0.05000		91	70-130	1	25	
Chlorobenzene	0.0497	0.0050	mg/kg wet	0.05000		99	70-130	0.6	25	
Chloroethane	0.0459	0.0100	mg/kg wet	0.05000		92	70-130	4	25	
Chloroform	0.0450	0.0050	mg/kg wet	0.05000		90	70-130	2	25	
Chloromethane	0.0431	0.0100	mg/kg wet	0.05000		86	70-130	1	25	
cis-1,2-Dichloroethene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130	0.7	25	
cis-1,3-Dichloropropene	0.0463	0.0050	mg/kg wet	0.05000		93	70-130	3	25	
Dibromochloromethane	0.0502	0.0050	mg/kg wet	0.05000		100	70-130	1	25	
Dibromomethane	0.0463	0.0050	mg/kg wet	0.05000		93	70-130	5	25	
Dichlorodifluoromethane	0.0379	0.0100	mg/kg wet	0.05000		76	70-130	3	25	
Diethyl Ether	0.0337	0.0050	mg/kg wet	0.05000		67	70-130	9	25	B-
Di-isopropyl ether	0.0476	0.0050	mg/kg wet	0.05000		95	70-130	2	25	
Ethyl tertiary-butyl ether	0.0417	0.0050	mg/kg wet	0.05000		83	70-130	2	25	
Ethylbenzene	0.0499	0.0050	mg/kg wet	0.05000		100	70-130	2	25	
Hexachlorobutadiene	0.0471	0.0050	mg/kg wet	0.05000		94	70-130	0.3	25	
Isopropylbenzene	0.0415	0.0050	mg/kg wet	0.05000		83	70-130	0.7	25	
Methyl tert-Butyl Ether	0.0452	0.0050	mg/kg wet	0.05000		90	70-130	2	25	
Methylene Chloride	0.0498	0.0250	mg/kg wet	0.05000		100	70-130	0.4	25	
Naphthalene	0.0449	0.0050	mg/kg wet	0.05000		90	70-130	6	25	
n-Butylbenzene	0.0468	0.0050	mg/kg wet	0.05000		94	70-130	1	25	
n-Propylbenzene	0.0489	0.0050	mg/kg wet	0.05000		98	70-130	3	25	
sec-Butylbenzene	0.0465	0.0050	mg/kg wet	0.05000		93	70-130	1	25	
Styrene	0.0486	0.0050	mg/kg wet	0.05000		97	70-130	4	25	
tert-Butylbenzene	0.0484	0.0050	mg/kg wet	0.05000		97	70-130	1	25	
Tertiary-amyl methyl ether	0.0440	0.0050	mg/kg wet	0.05000		88	70-130	4	25	
Tetrachloroethene	0.0510	0.0050	mg/kg wet	0.05000		102	70-130	2	25	
Tetrahydrofuran	0.0436	0.0050	mg/kg wet	0.05000		87	70-130	0.8	25	
Toluene	0.0448	0.0050	mg/kg wet	0.05000		90	70-130	6	25	
trans-1,2-Dichloroethene	0.0491	0.0050	mg/kg wet	0.05000		98	70-130	3	25	
trans-1,3-Dichloropropene	0.0414	0.0050	mg/kg wet	0.05000		83	70-130	4	25	
Trans-1,4-Dichloro-2-Butene	0.0393	0.0050	mg/kg wet	0.05000		79	70-130	5	25	
Trichloroethene	0.0472	0.0050	mg/kg wet	0.05000		94	70-130	0.6	25	
Trichlorofluoromethane	0.0405	0.0050	mg/kg wet	0.05000		81	70-130	0.8	25	
Vinyl Chloride	0.0457	0.0100	mg/kg wet	0.05000		91	70-130	1	25	
Xylene O	0.0496	0.0050	mg/kg wet	0.05000		99	70-130	0.2	25	
Xylene P,M	0.0958	0.0100	mg/kg wet	0.1000		96	70-130	0.06	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0444*		mg/kg wet	*0.05000*		*89*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0503*		mg/kg wet	*0.05000*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0441*		mg/kg wet	*0.05000*		*88*	*70-130*			
Surrogate: Toluene-d8	*0.0517*		mg/kg wet	*0.05000*		*103*	*70-130*			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill

ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BE92010 - 5035										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.100	mg/kg wet							
1,1,1-Trichloroethane	ND	0.0500	mg/kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0500	mg/kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.0500	mg/kg wet							
1,1,2-Trichloroethane	ND	0.0500	mg/kg wet							
1,1-Dichloroethane	ND	0.0500	mg/kg wet							
1,1-Dichloroethene	ND	0.0500	mg/kg wet							
1,1-Dichloropropene	ND	0.0500	mg/kg wet							
1,2,3-Trichlorobenzene	ND	0.0500	mg/kg wet							
1,2,3-Trichloropropane	ND	0.0500	mg/kg wet							
1,2,4-Trichlorobenzene	ND	0.0500	mg/kg wet							
1,2,4-Trimethylbenzene	ND	0.0500	mg/kg wet							
1,2-Dibromo-3-Chloropropane	ND	0.300	mg/kg wet							
1,2-Dibromoethane	ND	0.0500	mg/kg wet							
1,2-Dichlorobenzene	ND	0.0500	mg/kg wet							
1,2-Dichloroethane	ND	0.0500	mg/kg wet							
1,2-Dichloropropane	ND	0.0500	mg/kg wet							
1,3,5-Trimethylbenzene	ND	0.0500	mg/kg wet							
1,3-Dichlorobenzene	ND	0.0500	mg/kg wet							
1,3-Dichloropropane	ND	0.0500	mg/kg wet							
1,4-Dichlorobenzene	ND	0.0500	mg/kg wet							
1,4-Dioxane - Screen	ND	5.00	mg/kg wet							
2,2-Dichloropropane	ND	0.100	mg/kg wet							
2-Butanone	ND	1.25	mg/kg wet							
2-Chlorotoluene	ND	0.0500	mg/kg wet							
2-Hexanone	ND	0.500	mg/kg wet							
4-Chlorotoluene	ND	0.0500	mg/kg wet							
4-Isopropyltoluene	ND	0.0500	mg/kg wet							
4-Methyl-2-Pentanone	ND	0.500	mg/kg wet							
Acetone	ND	1.25	mg/kg wet							
Acrylonitrile	ND	0.400	mg/kg wet							
Benzene	ND	0.0500	mg/kg wet							
Bromobenzene	ND	0.0500	mg/kg wet							
Bromochloromethane	ND	0.0500	mg/kg wet							
Bromodichloromethane	ND	0.0500	mg/kg wet							
Bromoform	ND	0.0500	mg/kg wet							
Bromomethane	ND	0.100	mg/kg wet							
Carbon Disulfide	ND	0.0500	mg/kg wet							
Carbon Tetrachloride	ND	0.0500	mg/kg wet							
Chlorobenzene	ND	0.0500	mg/kg wet							
Chloroethane	ND	0.100	mg/kg wet							
Chloroform	ND	0.0500	mg/kg wet							
Chloromethane	ND	0.100	mg/kg wet							
cis-1,2-Dichloroethene	ND	0.0500	mg/kg wet							
cis-1,3-Dichloropropene	ND	0.0500	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BE92010 - 5035										
Dibromochloromethane	ND	0.0500	mg/kg wet							
Dibromomethane	ND	0.0500	mg/kg wet							
Dichlorodifluoromethane	ND	0.0500	mg/kg wet							
Diethyl Ether	ND	0.0500	mg/kg wet							
Di-isopropyl ether	ND	0.0500	mg/kg wet							
Ethyl tertiary-butyl ether	ND	0.0500	mg/kg wet							
Ethylbenzene	ND	0.0500	mg/kg wet							
Hexachlorobutadiene	ND	0.0500	mg/kg wet							
Isopropylbenzene	ND	0.0500	mg/kg wet							
Methyl tert-Butyl Ether	ND	0.0500	mg/kg wet							
Methylene Chloride	ND	0.250	mg/kg wet							
Naphthalene	ND	0.0500	mg/kg wet							
n-Butylbenzene	ND	0.0500	mg/kg wet							
n-Propylbenzene	ND	0.0500	mg/kg wet							
sec-Butylbenzene	ND	0.0500	mg/kg wet							
Styrene	ND	0.0500	mg/kg wet							
tert-Butylbenzene	ND	0.0500	mg/kg wet							
Tertiary-amyl methyl ether	ND	0.0500	mg/kg wet							
Tetrachloroethene	ND	0.0500	mg/kg wet							
Tetrahydrofuran	ND	0.500	mg/kg wet							
Toluene	ND	0.0500	mg/kg wet							
trans-1,2-Dichloroethene	ND	0.0500	mg/kg wet							
trans-1,3-Dichloropropene	ND	0.0500	mg/kg wet							
Trans-1,4-Dichloro-2-Butene	ND	0.500	mg/kg wet							
Trichloroethene	ND	0.0500	mg/kg wet							
Trichlorofluoromethane	ND	0.0500	mg/kg wet							
Vinyl Chloride	ND	0.0500	mg/kg wet							
Xylene O	ND	0.0500	mg/kg wet							
Xylene P,M	ND	0.100	mg/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*2.27*		mg/kg wet	*2.500*		*91*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.26*		mg/kg wet	*2.500*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*2.45*		mg/kg wet	*2.500*		*98*	*70-130*			
Surrogate: Toluene-d8	*2.34*		mg/kg wet	*2.500*		*94*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	2.46	0.100	mg/kg wet	2.500		99	70-130			
1,1,1-Trichloroethane	2.48	0.0500	mg/kg wet	2.500		99	70-130			
1,1,2,2-Tetrachloroethane	2.29	0.0500	mg/kg wet	2.500		92	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane	2.43	0.0500	mg/kg wet	2.500		97	70-130			
1,1,2-Trichloroethane	2.38	0.0500	mg/kg wet	2.500		95	70-130			
1,1-Dichloroethane	2.48	0.0500	mg/kg wet	2.500		99	70-130			
1,1-Dichloroethene	2.50	0.0500	mg/kg wet	2.500		100	70-130			
1,1-Dichloropropene	2.49	0.0500	mg/kg wet	2.500		100	70-130			
1,2,3-Trichlorobenzene	2.45	0.0500	mg/kg wet	2.500		98	70-130			
1,2,3-Trichloropropane	2.29	0.0500	mg/kg wet	2.500		92	70-130			
1,2,4-Trichlorobenzene	2.45	0.0500	mg/kg wet	2.500		98	70-130			
1,2,4-Trimethylbenzene	2.45	0.0500	mg/kg wet	2.500		98	70-130			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill

ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BE92010 - 5035										
1,2-Dibromo-3-Chloropropane	2.52	0.300	mg/kg wet	2.500		101	70-130			
1,2-Dibromoethane	2.40	0.0500	mg/kg wet	2.500		96	70-130			
1,2-Dichlorobenzene	2.42	0.0500	mg/kg wet	2.500		97	70-130			
1,2-Dichloroethane	2.42	0.0500	mg/kg wet	2.500		97	70-130			
1,2-Dichloropropane	2.45	0.0500	mg/kg wet	2.500		98	70-130			
1,3,5-Trimethylbenzene	2.43	0.0500	mg/kg wet	2.500		97	70-130			
1,3-Dichlorobenzene	2.44	0.0500	mg/kg wet	2.500		98	70-130			
1,3-Dichloropropane	2.46	0.0500	mg/kg wet	2.500		99	70-130			
1,4-Dichlorobenzene	2.38	0.0500	mg/kg wet	2.500		95	70-130			
1,4-Dioxane - Screen	68.7	5.00	mg/kg wet	50.00		137	44-241			
2,2-Dichloropropane	2.75	0.100	mg/kg wet	2.500		110	70-130			
2-Butanone	12.3	1.25	mg/kg wet	12.50		98	70-130			
2-Chlorotoluene	2.29	0.0500	mg/kg wet	2.500		92	70-130			
2-Hexanone	11.8	0.500	mg/kg wet	12.50		94	70-130			
4-Chlorotoluene	2.38	0.0500	mg/kg wet	2.500		95	70-130			
4-Isopropyltoluene	2.35	0.0500	mg/kg wet	2.500		94	70-130			
4-Methyl-2-Pentanone	11.9	0.500	mg/kg wet	12.50		95	70-130			
Acetone	10.9	1.25	mg/kg wet	12.50		87	70-130			
Acrylonitrile	2.45	0.400	mg/kg wet	2.500		98	70-130			
Benzene	2.44	0.0500	mg/kg wet	2.500		98	70-130			
Bromobenzene	2.46	0.0500	mg/kg wet	2.500		98	70-130			
Bromochloromethane	2.37	0.0500	mg/kg wet	2.500		95	70-130			
Bromodichloromethane	2.57	0.0500	mg/kg wet	2.500		103	70-130			
Bromoform	2.44	0.0500	mg/kg wet	2.500		97	70-130			
Bromomethane	2.96	0.100	mg/kg wet	2.500		118	70-130			
Carbon Disulfide	2.54	0.0500	mg/kg wet	2.500		102	70-130			
Carbon Tetrachloride	2.50	0.0500	mg/kg wet	2.500		100	70-130			
Chlorobenzene	2.43	0.0500	mg/kg wet	2.500		97	70-130			
Chloroethane	2.59	0.100	mg/kg wet	2.500		104	70-130			
Chloroform	2.48	0.0500	mg/kg wet	2.500		99	70-130			
Chloromethane	2.06	0.100	mg/kg wet	2.500		82	70-130			
cis-1,2-Dichloroethene	2.48	0.0500	mg/kg wet	2.500		99	70-130			
cis-1,3-Dichloropropene	2.57	0.0500	mg/kg wet	2.500		103	70-130			
Dibromochloromethane	2.53	0.0500	mg/kg wet	2.500		101	70-130			
Dibromomethane	2.39	0.0500	mg/kg wet	2.500		96	70-130			
Dichlorodifluoromethane	2.09	0.0500	mg/kg wet	2.500		84	70-130			
Diethyl Ether	1.97	0.0500	mg/kg wet	2.500		79	70-130			
Di-isopropyl ether	2.51	0.0500	mg/kg wet	2.500		100	70-130			
Ethyl tertiary-butyl ether	2.42	0.0500	mg/kg wet	2.500		97	70-130			
Ethylbenzene	2.45	0.0500	mg/kg wet	2.500		98	70-130			
Hexachlorobutadiene	2.57	0.0500	mg/kg wet	2.500		103	70-130			
Isopropylbenzene	2.12	0.0500	mg/kg wet	2.500		85	70-130			
Methyl tert-Butyl Ether	2.43	0.0500	mg/kg wet	2.500		97	70-130			
Methylene Chloride	2.46	0.250	mg/kg wet	2.500		98	70-130			
Naphthalene	2.39	0.0500	mg/kg wet	2.500		96	70-130			
n-Butylbenzene	2.51	0.0500	mg/kg wet	2.500		100	70-130			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BE92010 - 5035										
n-Propylbenzene	2.53	0.0500	mg/kg wet	2.500		101	70-130			
sec-Butylbenzene	2.46	0.0500	mg/kg wet	2.500		98	70-130			
Styrene	2.49	0.0500	mg/kg wet	2.500		99	70-130			
tert-Butylbenzene	2.54	0.0500	mg/kg wet	2.500		102	70-130			
Tertiary-amyl methyl ether	2.37	0.0500	mg/kg wet	2.500		95	70-130			
Tetrachloroethene	2.19	0.0500	mg/kg wet	2.500		88	70-130			
Tetrahydrofuran	2.16	0.500	mg/kg wet	2.500		86	70-130			
Toluene	2.44	0.0500	mg/kg wet	2.500		98	70-130			
trans-1,2-Dichloroethene	2.65	0.0500	mg/kg wet	2.500		106	70-130			
trans-1,3-Dichloropropene	2.27	0.0500	mg/kg wet	2.500		91	70-130			
Trans-1,4-Dichloro-2-Butene	2.51	0.500	mg/kg wet	2.500		100	70-130			
Trichloroethene	2.46	0.0500	mg/kg wet	2.500		98	70-130			
Trichlorofluoromethane	2.18	0.0500	mg/kg wet	2.500		87	70-130			
Vinyl Chloride	2.49	0.0500	mg/kg wet	2.500		100	70-130			
Xylene O	2.46	0.0500	mg/kg wet	2.500		99	70-130			
Xylene P,M	4.92	0.100	mg/kg wet	5.000		98	70-130			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		mg/kg wet	*2.500*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.34*		mg/kg wet	*2.500*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*2.43*		mg/kg wet	*2.500*		*97*	*70-130*			
Surrogate: Toluene-d8	*2.44*		mg/kg wet	*2.500*		*98*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	2.44	0.100	mg/kg wet	2.500		98	70-130	1	25	
1,1,1-Trichloroethane	2.47	0.0500	mg/kg wet	2.500		99	70-130	0.3	25	
1,1,2,2-Tetrachloroethane	2.34	0.0500	mg/kg wet	2.500		94	70-130	2	25	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.40	0.0500	mg/kg wet	2.500		96	70-130	1	25	
1,1,2-Trichloroethane	2.45	0.0500	mg/kg wet	2.500		98	70-130	3	25	
1,1-Dichloroethane	2.48	0.0500	mg/kg wet	2.500		99	70-130	0.1	25	
1,1-Dichloroethene	2.49	0.0500	mg/kg wet	2.500		99	70-130	0.8	25	
1,1-Dichloropropene	2.48	0.0500	mg/kg wet	2.500		99	70-130	0.2	25	
1,2,3-Trichlorobenzene	2.50	0.0500	mg/kg wet	2.500		100	70-130	2	25	
1,2,3-Trichloropropane	2.46	0.0500	mg/kg wet	2.500		99	70-130	7	25	
1,2,4-Trichlorobenzene	2.46	0.0500	mg/kg wet	2.500		98	70-130	0.4	25	
1,2,4-Trimethylbenzene	2.40	0.0500	mg/kg wet	2.500		96	70-130	2	25	
1,2-Dibromo-3-Chloropropane	2.56	0.300	mg/kg wet	2.500		103	70-130	2	25	
1,2-Dibromoethane	2.44	0.0500	mg/kg wet	2.500		97	70-130	1	25	
1,2-Dichlorobenzene	2.41	0.0500	mg/kg wet	2.500		96	70-130	0.4	25	
1,2-Dichloroethane	2.44	0.0500	mg/kg wet	2.500		97	70-130	0.6	25	
1,2-Dichloropropane	2.46	0.0500	mg/kg wet	2.500		98	70-130	0.4	25	
1,3,5-Trimethylbenzene	2.38	0.0500	mg/kg wet	2.500		95	70-130	2	25	
1,3-Dichlorobenzene	2.39	0.0500	mg/kg wet	2.500		96	70-130	2	25	
1,3-Dichloropropane	2.49	0.0500	mg/kg wet	2.500		100	70-130	1	25	
1,4-Dichlorobenzene	2.36	0.0500	mg/kg wet	2.500		95	70-130	0.7	25	
1,4-Dioxane - Screen	80.2	5.00	mg/kg wet	50.00		160	44-241	16	200	
2,2-Dichloropropane	2.67	0.100	mg/kg wet	2.500		107	70-130	3	25	
2-Butanone	12.8	1.25	mg/kg wet	12.50		102	70-130	4	25	
2-Chlorotoluene	2.36	0.0500	mg/kg wet	2.500		94	70-130	3	25	

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BE92010 - 5035										
2-Hexanone	12.2	0.500	mg/kg wet	12.50		97	70-130	3	25	
4-Chlorotoluene	2.36	0.0500	mg/kg wet	2.500		95	70-130	0.7	25	
4-Isopropyltoluene	2.30	0.0500	mg/kg wet	2.500		92	70-130	2	25	
4-Methyl-2-Pentanone	12.4	0.500	mg/kg wet	12.50		99	70-130	4	25	
Acetone	11.1	1.25	mg/kg wet	12.50		89	70-130	1	25	
Acrylonitrile	2.61	0.400	mg/kg wet	2.500		104	70-130	6	25	
Benzene	2.45	0.0500	mg/kg wet	2.500		98	70-130	0.3	25	
Bromobenzene	2.46	0.0500	mg/kg wet	2.500		98	70-130	0.2	25	
Bromochloromethane	2.36	0.0500	mg/kg wet	2.500		94	70-130	0.5	25	
Bromodichloromethane	2.58	0.0500	mg/kg wet	2.500		103	70-130	0.2	25	
Bromoform	2.49	0.0500	mg/kg wet	2.500		99	70-130	2	25	
Bromomethane	2.85	0.100	mg/kg wet	2.500		114	70-130	4	25	
Carbon Disulfide	2.50	0.0500	mg/kg wet	2.500		100	70-130	2	25	
Carbon Tetrachloride	2.47	0.0500	mg/kg wet	2.500		99	70-130	1	25	
Chlorobenzene	2.41	0.0500	mg/kg wet	2.500		96	70-130	0.8	25	
Chloroethane	2.41	0.100	mg/kg wet	2.500		97	70-130	7	25	
Chloroform	2.47	0.0500	mg/kg wet	2.500		99	70-130	0.2	25	
Chloromethane	2.07	0.100	mg/kg wet	2.500		83	70-130	0.4	25	
cis-1,2-Dichloroethene	2.50	0.0500	mg/kg wet	2.500		100	70-130	0.6	25	
cis-1,3-Dichloropropene	2.57	0.0500	mg/kg wet	2.500		103	70-130	0.1	25	
Dibromochloromethane	2.56	0.0500	mg/kg wet	2.500		102	70-130	1	25	
Dibromomethane	2.41	0.0500	mg/kg wet	2.500		96	70-130	0.8	25	
Dichlorodifluoromethane	2.05	0.0500	mg/kg wet	2.500		82	70-130	2	25	
Diethyl Ether	2.01	0.0500	mg/kg wet	2.500		80	70-130	2	25	
Di-isopropyl ether	2.52	0.0500	mg/kg wet	2.500		101	70-130	0.3	25	
Ethyl tertiary-butyl ether	2.46	0.0500	mg/kg wet	2.500		99	70-130	2	25	
Ethylbenzene	2.41	0.0500	mg/kg wet	2.500		97	70-130	2	25	
Hexachlorobutadiene	2.56	0.0500	mg/kg wet	2.500		102	70-130	0.4	25	
Isopropylbenzene	2.09	0.0500	mg/kg wet	2.500		84	70-130	2	25	
Methyl tert-Butyl Ether	2.51	0.0500	mg/kg wet	2.500		100	70-130	3	25	
Methylene Chloride	2.47	0.250	mg/kg wet	2.500		99	70-130	0.4	25	
Naphthalene	2.45	0.0500	mg/kg wet	2.500		98	70-130	3	25	
n-Butylbenzene	2.44	0.0500	mg/kg wet	2.500		97	70-130	3	25	
n-Propylbenzene	2.39	0.0500	mg/kg wet	2.500		96	70-130	6	25	
sec-Butylbenzene	2.42	0.0500	mg/kg wet	2.500		97	70-130	1	25	
Styrene	2.47	0.0500	mg/kg wet	2.500		99	70-130	0.8	25	
tert-Butylbenzene	2.51	0.0500	mg/kg wet	2.500		100	70-130	1	25	
Tertiary-amyl methyl ether	2.44	0.0500	mg/kg wet	2.500		97	70-130	3	25	
Tetrachloroethene	2.15	0.0500	mg/kg wet	2.500		86	70-130	2	25	
Tetrahydrofuran	2.28	0.500	mg/kg wet	2.500		91	70-130	6	25	
Toluene	2.43	0.0500	mg/kg wet	2.500		97	70-130	0.3	25	
trans-1,2-Dichloroethene	2.65	0.0500	mg/kg wet	2.500		106	70-130	0.04	25	
trans-1,3-Dichloropropene	2.29	0.0500	mg/kg wet	2.500		92	70-130	1	25	
Trans-1,4-Dichloro-2-Butene	2.52	0.500	mg/kg wet	2.500		101	70-130	0.4	25	
Trichloroethene	2.45	0.0500	mg/kg wet	2.500		98	70-130	0.5	25	
Trichlorofluoromethane	2.15	0.0500	mg/kg wet	2.500		86	70-130	2	25	

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
5035/8260B Volatile Organic Compounds / Methanol										
Batch BE92010 - 5035										
Vinyl Chloride	2.50	0.0500	mg/kg wet	2.500		100	70-130	0.1	25	
Xylene O	2.44	0.0500	mg/kg wet	2.500		98	70-130	0.7	25	
Xylene P,M	4.86	0.100	mg/kg wet	5.000		97	70-130	1	25	
Surrogate: 1,2-Dichloroethane-d4	*2.41*		mg/kg wet	*2.500*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.33*		mg/kg wet	*2.500*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*2.44*		mg/kg wet	*2.500*		*98*	*70-130*			
Surrogate: Toluene-d8	*2.42*		mg/kg wet	*2.500*		*97*	*70-130*			
8270C Polynuclear Aromatic Hydrocarbons										
Batch BE92113 - 3546										
Blank										
2-Methylnaphthalene	ND	0.333	mg/kg wet							
Acenaphthene	ND	0.333	mg/kg wet							
Acenaphthylene	ND	0.333	mg/kg wet							
Anthracene	ND	0.333	mg/kg wet							
Benzo(a)anthracene	ND	0.333	mg/kg wet							
Benzo(a)pyrene	ND	0.167	mg/kg wet							
Benzo(b)fluoranthene	ND	0.333	mg/kg wet							
Benzo(g,h,i)perylene	ND	0.333	mg/kg wet							
Benzo(k)fluoranthene	ND	0.333	mg/kg wet							
Chrysene	ND	0.167	mg/kg wet							
Dibenzo(a,h)Anthracene	ND	0.167	mg/kg wet							
Fluoranthene	ND	0.333	mg/kg wet							
Fluorene	ND	0.333	mg/kg wet							
Indeno(1,2,3-cd)Pyrene	ND	0.333	mg/kg wet							
Naphthalene	ND	0.333	mg/kg wet							
Phenanthrene	ND	0.333	mg/kg wet							
Pyrene	ND	0.333	mg/kg wet							
Surrogate: 1,2-Dichlorobenzene-d4	*2.55*		mg/kg wet	*3.333*		*77*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*2.94*		mg/kg wet	*3.333*		*88*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.46*		mg/kg wet	*3.333*		*74*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.36*		mg/kg wet	*3.333*		*101*	*30-130*			
LCS										
2-Methylnaphthalene	2.89	0.333	mg/kg wet	3.333		87	40-140			
Acenaphthene	2.84	0.333	mg/kg wet	3.333		85	40-140			
Acenaphthylene	2.54	0.333	mg/kg wet	3.333		76	40-140			
Anthracene	3.12	0.333	mg/kg wet	3.333		93	40-140			
Benzo(a)anthracene	3.40	0.333	mg/kg wet	3.333		102	40-140			
Benzo(a)pyrene	3.13	0.167	mg/kg wet	3.333		94	40-140			
Benzo(b)fluoranthene	3.23	0.333	mg/kg wet	3.333		97	40-140			
Benzo(g,h,i)perylene	3.65	0.333	mg/kg wet	3.333		109	40-140			
Benzo(k)fluoranthene	3.03	0.333	mg/kg wet	3.333		91	40-140			
Chrysene	3.38	0.167	mg/kg wet	3.333		101	40-140			
Dibenzo(a,h)Anthracene	3.47	0.167	mg/kg wet	3.333		104	40-140			
Fluoranthene	3.39	0.333	mg/kg wet	3.333		102	40-140			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270C Polynuclear Aromatic Hydrocarbons										
Batch BE92113 - 3546										
Fluorene	3.16	0.333	mg/kg wet	3.333		95	40-140			
Indeno(1,2,3-cd)Pyrene	3.57	0.333	mg/kg wet	3.333		107	40-140			
Naphthalene	2.60	0.333	mg/kg wet	3.333		78	40-140			
Phenanthrene	2.83	0.333	mg/kg wet	3.333		85	40-140			
Pyrene	3.46	0.333	mg/kg wet	3.333		104	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*2.57*		mg/kg wet	*3.333*		*77*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*2.69*		mg/kg wet	*3.333*		*81*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.37*		mg/kg wet	*3.333*		*71*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.34*		mg/kg wet	*3.333*		*100*	*30-130*			
LCS Dup										
2-Methylnaphthalene	3.16	0.333	mg/kg wet	3.333		95	40-140	9	30	
Acenaphthene	2.90	0.333	mg/kg wet	3.333		87	40-140	2	30	
Acenaphthylene	2.58	0.333	mg/kg wet	3.333		78	40-140	2	30	
Anthracene	3.05	0.333	mg/kg wet	3.333		91	40-140	2	30	
Benzo(a)anthracene	3.23	0.333	mg/kg wet	3.333		97	40-140	5	30	
Benzo(a)pyrene	3.04	0.167	mg/kg wet	3.333		91	40-140	3	30	
Benzo(b)fluoranthene	2.84	0.333	mg/kg wet	3.333		85	40-140	13	30	
Benzo(g,h,i)perylene	3.50	0.333	mg/kg wet	3.333		105	40-140	4	30	
Benzo(k)fluoranthene	3.30	0.333	mg/kg wet	3.333		99	40-140	9	30	
Chrysene	3.19	0.167	mg/kg wet	3.333		96	40-140	6	30	
Dibenzo(a,h)Anthracene	3.53	0.167	mg/kg wet	3.333		106	40-140	2	30	
Fluoranthene	3.19	0.333	mg/kg wet	3.333		96	40-140	6	30	
Fluorene	3.20	0.333	mg/kg wet	3.333		96	40-140	1	30	
Indeno(1,2,3-cd)Pyrene	3.38	0.333	mg/kg wet	3.333		101	40-140	6	30	
Naphthalene	2.79	0.333	mg/kg wet	3.333		84	40-140	7	30	
Phenanthrene	2.77	0.333	mg/kg wet	3.333		83	40-140	2	30	
Pyrene	3.33	0.333	mg/kg wet	3.333		100	40-140	4	30	
Surrogate: 1,2-Dichlorobenzene-d4	*2.74*		mg/kg wet	*3.333*		*82*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*3.05*		mg/kg wet	*3.333*		*91*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.48*		mg/kg wet	*3.333*		*74*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.22*		mg/kg wet	*3.333*		*97*	*30-130*			
Matrix Spike **Source: 0905249-03**										
2-Methylnaphthalene	3.23	0.381	mg/kg dry	3.816	ND	85	40-140			
Acenaphthene	3.07	0.381	mg/kg dry	3.816	ND	80	40-140			
Acenaphthylene	2.64	0.381	mg/kg dry	3.816	ND	69	40-140			
Anthracene	3.49	0.381	mg/kg dry	3.816	ND	91	40-140			
Benzo(a)anthracene	4.26	0.381	mg/kg dry	3.816	ND	112	40-140			
Benzo(a)pyrene	3.69	0.191	mg/kg dry	3.816	0.064	95	40-140			
Benzo(b)fluoranthene	4.03	0.381	mg/kg dry	3.816	ND	106	40-140			
Benzo(g,h,i)perylene	3.95	0.381	mg/kg dry	3.816	ND	104	40-140			
Benzo(k)fluoranthene	3.18	0.381	mg/kg dry	3.816	ND	83	40-140			
Chrysene	4.11	0.191	mg/kg dry	3.816	0.073	106	40-140			
Dibenzo(a,h)Anthracene	3.75	0.191	mg/kg dry	3.816	ND	98	40-140			
Fluoranthene	5.00	0.381	mg/kg dry	3.816	0.143	127	40-140			
Fluorene	3.44	0.381	mg/kg dry	3.816	ND	90	40-140			
Indeno(1,2,3-cd)Pyrene	3.69	0.381	mg/kg dry	3.816	ND	97	40-140			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill

ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270C Polynuclear Aromatic Hydrocarbons										
Batch BE92113 - 3546										
Naphthalene	2.75	0.381	mg/kg dry	3.816	ND	72	40-140			
Phenanthrene	3.87	0.381	mg/kg dry	3.816	ND	101	40-140			
Pyrene	4.76	0.381	mg/kg dry	3.816	0.133	121	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*2.54*		mg/kg dry	*3.816*		*66*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*3.22*		mg/kg dry	*3.816*		*85*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.40*		mg/kg dry	*3.816*		*63*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.30*		mg/kg dry	*3.816*		*86*	*30-130*			
Matrix Spike Dup **Source: 0905249-03**										
2-Methylnaphthalene	3.36	0.379	mg/kg dry	3.789	ND	89	40-140	4	30	
Acenaphthene	3.16	0.379	mg/kg dry	3.789	ND	83	40-140	3	30	
Acenaphthylene	2.78	0.379	mg/kg dry	3.789	ND	73	40-140	5	30	
Anthracene	3.47	0.379	mg/kg dry	3.789	ND	91	40-140	0.7	30	
Benzo(a)anthracene	3.84	0.379	mg/kg dry	3.789	ND	101	40-140	10	30	
Benzo(a)pyrene	3.44	0.190	mg/kg dry	3.789	0.064	89	40-140	7	30	
Benzo(b)fluoranthene	3.49	0.379	mg/kg dry	3.789	ND	92	40-140	14	30	
Benzo(g,h,i)perylene	4.03	0.379	mg/kg dry	3.789	ND	106	40-140	2	30	
Benzo(k)fluoranthene	3.43	0.379	mg/kg dry	3.789	ND	91	40-140	7	30	
Chrysene	3.80	0.190	mg/kg dry	3.789	0.073	98	40-140	8	30	
Dibenzo(a,h)Anthracene	3.77	0.190	mg/kg dry	3.789	ND	100	40-140	0.7	30	
Fluoranthene	3.86	0.379	mg/kg dry	3.789	0.143	98	40-140	26	30	
Fluorene	3.58	0.379	mg/kg dry	3.789	ND	94	40-140	4	30	
Indeno(1,2,3-cd)Pyrene	3.92	0.379	mg/kg dry	3.789	ND	103	40-140	6	30	
Naphthalene	2.89	0.379	mg/kg dry	3.789	ND	76	40-140	5	30	
Phenanthrene	3.25	0.379	mg/kg dry	3.789	ND	86	40-140	17	30	
Pyrene	3.96	0.379	mg/kg dry	3.789	0.133	101	40-140	18	30	
Surrogate: 1,2-Dichlorobenzene-d4	*2.85*		mg/kg dry	*3.789*		*75*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*3.23*		mg/kg dry	*3.789*		*85*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.57*		mg/kg dry	*3.789*		*68*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.70*		mg/kg dry	*3.789*		*98*	*30-130*			
8100M Extractable Total Petroleum Hydrocarbons										
Batch BE91928 - 3546										
Blank										
Total Petroleum Hydrocarbons	ND	20.0	mg/kg wet							
Surrogate: O-Terphenyl	*4.30*		mg/kg wet	*5.000*		*86*	*50-150*			
LCS										
Total Petroleum Hydrocarbons	29.8	20.0	mg/kg wet	35.00		85	60-120			
Surrogate: O-Terphenyl	*4.09*		mg/kg wet	*5.000*		*82*	*50-150*			
LCS Dup										
Total Petroleum Hydrocarbons	31.5	20.0	mg/kg wet	35.00		90	60-120	5	30	
Surrogate: O-Terphenyl	*4.24*		mg/kg wet	*5.000*		*85*	*50-150*			
Batch BE91932 - 3546										

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8100M Extractable Total Petroleum Hydrocarbons										
Batch BE91932 - 3546										
Blank										
Total Petroleum Hydrocarbons	ND	20.0	mg/kg wet							
Surrogate: O-Terphenyl	*4.54*		mg/kg wet	*5.000*		*91*	*50-150*			
LCS										
Total Petroleum Hydrocarbons	37.5	20.0	mg/kg wet	35.00		107	60-120			
Surrogate: O-Terphenyl	*5.00*		mg/kg wet	*5.000*		*100*	*50-150*			
LCS Dup										
Total Petroleum Hydrocarbons	36.9	20.0	mg/kg wet	35.00		105	60-120	2	30	
Surrogate: O-Terphenyl	*4.91*		mg/kg wet	*5.000*		*98*	*50-150*			
Matrix Spike **Source: 0905249-01**										
Total Petroleum Hydrocarbons	7990	224	mg/kg dry	39.13	10200	NR	50-150			M-
Surrogate: O-Terphenyl	*ND*		mg/kg dry	*5.590*			*50-150*			*SC*
Matrix Spike Dup **Source: 0905249-01**										
Total Petroleum Hydrocarbons	8370	230	mg/kg dry	40.33	10200	NR	50-150	5	30	M-
Surrogate: O-Terphenyl	*ND*		mg/kg dry	*5.762*			*50-150*			*SC*
Batch BE92125 - 3546										
Blank										
Total Petroleum Hydrocarbons	ND	20.0	mg/kg wet							
Surrogate: O-Terphenyl	*4.05*		mg/kg wet	*5.000*		*81*	*50-150*			
LCS										
Total Petroleum Hydrocarbons	32.6	20.0	mg/kg wet	35.00		93	60-120			
Surrogate: O-Terphenyl	*4.25*		mg/kg wet	*5.000*		*85*	*50-150*			
LCS Dup										
Total Petroleum Hydrocarbons	32.4	20.0	mg/kg wet	35.00		93	60-120	0.4	30	
Surrogate: O-Terphenyl	*4.07*		mg/kg wet	*5.000*		*81*	*50-150*			

Evaluate Continuing Calibration Report

Data File : Q:\SVOA\TPH GC2\DATA\052009\G2R05283.D Vial: 100
Acq On : 20 May 2009 11:46 Operator: ML
Sample : TPH 100 Inst : GC2
Misc : Multiplr: 1.00
IntFile : events.e

Method : Q:\SVOA\TPH GC2\METHODS\8100RCG.M (Chemstation Integrator)
Title : ELEMENT ID: 0502007
Last Update : Sat May 02 12:58:58 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1		C9	32.718	30.948 E3	5.4	99	0.00
2		C10	31.065	30.740 E3	1.0	100	0.00
3		C12	28.987	30.865 E3	-6.5	100	-0.01
4		C14	29.580	31.452 E3	-6.3	100	-0.01
5		C16	31.330	31.970 E3	-2.0	100	-0.01
6		C18	31.654	32.136 E3	-1.5	100	-0.01
7		C19	32.684	32.397 E3	0.9	100	-0.01
8		C20	32.463	32.270 E3	0.6	101	-0.01
9		C22	33.512	32.630 E3	2.6	101	-0.01
10		C24	33.477	32.305 E3	3.5	101	-0.01
11		C26	33.915	32.815 E3	3.2	100	-0.01
12		C28	33.627	32.765 E3	2.6	100	-0.01
13		C30	33.414	32.855 E3	1.7	100	-0.01
14		C36	25.353	31.176 E3	-23.0#	101	-0.02
15	S	O-Terphenyl	35.429	35.088 E3	1.0	101	-0.01
16	H	C9-C36	40.794	33.019 E3	19.1	101	0.00

AVG RF = 31.698
+/-20% = 25.359-38.038 ALL WITHIN
+/-50% = 15.849-47.547

Evaluate Continuing Calibration Report - Not Founds

Data File : Q:\SVOA\TPH GC2\DATA\052009\G2R05283.D Vial: 100
Acq On : 20 May 2009 11:46 Operator: ML
Sample : TPH 100 Inst : GC2
Misc : Multiplr: 1.00
IntFile : events.e

Method : Q:\SVOA\TPH GC2\METHODS\8100RCG.M (Chemstation Integrator)
Title : ELEMENT ID: 0502007
Last Update : Sat May 02 12:58:58 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
17	H	C10-C28	35.895	0.000 E3	100.0#	0#	-13.63#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G2R05124.D 8100RCG.M Thu May 21 06:39:14 2009

Evaluate Continuing Calibration Report

Data File : Q:\SVOA\TPH GC2\DATA\052009\G2F07065.D Vial: 99
Acq On : 20 May 2009 14:07 Operator: ML
Sample : TPH 50 Inst : GC2
Misc : Multiplr: 1.00
IntFile : events.e

Method : Q:\SVOA\TPH GC2\METHODS\8100FDT.M (Chemstation Integrator)
Title : ELEMENT ID: 0502007
Last Update : Sat May 02 12:03:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1		C9	36.930	39.916 E3	-8.1	110	0.00
2		C10	37.786	41.195 E3	-9.0	110	0.00
3		C12	37.844	42.596 E3	-12.6	110	-0.01
4		C14	39.146	44.234 E3	-13.0	108	-0.02
5		C16	41.216	45.705 E3	-10.9	108	-0.02
6		C18	42.726	46.454 E3	-8.7	107	-0.02
7		C19	43.774	46.453 E3	-6.1	106	-0.03
8		C20	43.804	46.774 E3	-6.8	106	-0.02
9		C22	44.757	47.522 E3	-6.2	105	-0.03
10		C24	44.106	47.085 E3	-6.8	105	-0.03
11		C26	44.904	48.062 E3	-7.0	105	-0.03
12		C28	44.478	48.129 E3	-8.2	106	-0.03
13		C30	43.582	48.250 E3	-10.7	106	-0.03
14		C36	31.621	46.343 E3	-46.6#	114	-0.04
15	S	O-Terphenyl	47.832	51.031 E3	-6.7	107	-0.03
16	H	C9-C36	48.989	47.820 E3	2.4	109	0.00

AVG RF = 41.19
+/-20% = 32.952-49.428 ALL WITHIN

Evaluate Continuing Calibration Report - Not Founds

Data File : Q:\SVOA\TPH GC2\DATA\052009\G2F07065.D Vial: 99
Acq On : 20 May 2009 14:07 Operator: ML
Sample : TPH 50 Inst : GC2
Misc : Multiplr: 1.00
IntFile : events.e

Method : Q:\SVOA\TPH GC2\METHODS\8100FDT.M (Chemstation Integrator)
Title : ELEMENT ID: 0502007
Last Update : Sat May 02 12:03:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
17	H	C10-C28	46.170	0.000 E3	100.0#	0#	-11.78#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G2F06829.D 8100FDT.M Thu May 21 06:21:05 2009

Evaluate Continuing Calibration Report

Data File : Q:\SVOA\TPH GC2\DATA\052109\G2F07088.D Vial: 99
Acq On : 21 May 2009 07:35 Operator: ML
Sample : TPH 50 Inst : GC2
Misc : Multiplr: 1.00
IntFile : events.e

Method : Q:\SVOA\TPH GC2\METHODS\8100FDT.M (Chemstation Integrator)
Title : ELEMENT ID: 0502007
Last Update : Sat May 02 12:03:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1		C9	36.930	36.152 E3	2.1	99	0.00
2		C10	37.786	37.399 E3	1.0	100	-0.01
3		C12	37.844	38.780 E3	-2.5	100	-0.02
4		C14	39.146	40.302 E3	-3.0	99	-0.03
5		C16	41.216	41.553 E3	-0.8	98	-0.03
6		C18	42.726	42.282 E3	1.0	97	-0.03
7		C19	43.774	42.293 E3	3.4	96	-0.04
8		C20	43.804	42.450 E3	3.1	96	-0.03
9		C22	44.757	43.068 E3	3.8	96	-0.04
10		C24	44.106	42.871 E3	2.8	96	-0.04
11		C26	44.904	43.654 E3	2.8	96	-0.04
12		C28	44.478	43.680 E3	1.8	96	-0.04
13		C30	43.582	43.721 E3	-0.3	96	-0.04
14		C36	31.621	41.336 E3	-30.7#	102	-0.05
15	S	O-Terphenyl	47.832	46.280 E3	3.2	97	-0.04
16	H	C9-C36	48.989	43.361 E3	11.5	99	0.00

AVG RF = 41.19
+/-20% = 32.952-49.428 ALL WITHIN

Evaluate Continuing Calibration Report - Not Founds

Data File : Q:\SVOA\TPH GC2\DATA\052109\G2F07088.D Vial: 99
Acq On : 21 May 2009 07:35 Operator: ML
Sample : TPH 50 Inst : GC2
Misc : Multiplr: 1.00
IntFile : events.e

Method : Q:\SVOA\TPH GC2\METHODS\8100FDT.M (Chemstation Integrator)
Title : ELEMENT ID: 0502007
Last Update : Sat May 02 12:03:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
17	H	C10-C28	46.170	0.000 E3	100.0#	0#	-11.78#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G2F06829.D 8100FDT.M Thu May 21 11:12:48 2009

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

Notes and Definitions

U	Analyte included in the analysis, but not detected
SC	Surrogate recovery(ies) outside of criteria. Reextraction/Reanalysis confirms results.
S-	Surrogate recovery(ies) below lower control limit.
M+	Matrix Spike recovery is above upper control limit.
M-	Matrix Spike recovery is below lower control limit.
D+	Relative percent difference for duplicate is outside of criteria.
D	Diluted.
B-	Blank Spike recovery is below lower control limit.
4	VOA sample could not be run by the low level method due to matrix interferences.
ND	Analyte NOT DETECTED above the detection limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905249

ESS LABORATORY CERTIFICATIONS

U.S. Army Corps of Engineers
Soil and Water

Rhode Island: A-179
Potable and Non Potable Water
http://www.health.ri.gov/labs/waterlabs-instate.php

Connecticut: PH-0750
Potable and Non Potable Water, Solid and Hazardous Waste
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/out_state.pdf

Maine: RI002
Potable and Non Potable Water
http://www.maine.gov/dep/blwq/topic/vessel/lab_list.pdf

Massachusetts: M-RI002
Potable and Non Potable Water
http://public.dep.state.ma.us/labcert/labcert.aspx

New Hampshire (NELAP accredited): 242405
Potable and Non PotableWater
http://www4.egov.nh.gov/des/nhelap/namesearch.asp

New York (NELAP accredited): 11313
Potable and Non Potable Water, Solid and Hazardous Waste
http://www.wadsworth.org/labcert/elap/comm.html

United States Department of Agriculture
Soil Permit: S-54210

New Jersey (NELAP accredited): RI002
Potable and Non Potable Water, Solid and Hazardous Waste
http://www.nj.gov/dep/oqa/certlabs.htm

Maryland: 301
Potable Water
http://www.mde.state.md.us/assets/document/wsp_labs

South Carolina: 78003
Volatile Organic Compounds in Potable Water

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Page 1 of 2

Turn Time ✓ Standard Other ____
If faster than 5 days, prior approval by laboratory is required #____
State where samples were collected from: MA RI CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits

ESS LAB PROJECT ID: 0905249

Electronic Deliverable ✓ Yes ___ No
Format: Excel ✓ Access ___ PDF ✓ Other ____

Co. Name	Project #	Project Name (20 Char. or less)
Advanced Environmental Solutions		Baltic Mill

Contact Person	Address
Mark Deuger	90 Madison St, Ste 605

City	State	Zip	PO#
Worcester	MA	01608	01608

Telephone #	Fax #	Email Address
508-363-4882	508-363-4883	m.deuger@

Advanced environmental

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	VOC x 8260	ETPH	PAH	VI metals										
1	5-19-09	0900		X	S	TP-07 (14Ft)	6	5	G	X	X	X	X				High		PID = 72				
2	5-19-09	1000		X	S	TP-08 (13Ft)	6	5	G	X	X	X	X										
3	5-19-09	1000		X	S	TP-08 (4Ft)		1	G			X	X										
3	5-19-09	1000		X	S	TP-08 (4Ft) MS/MSD		1	G			X	X										
4						Trip Blanks		2	G	X													
5	5-19-09	1300		X	S	TP-11 (4 Ft)		1	G		X	X	X										
6	5-19-09	1315		X	S	TP-12 (2 Ft)		1	G		X	X	X										
7	5-19-09	1330		X	S	TP-15 (2 ft)		1	G		X	X	X										
8	5-19-09	1345		X	S	TP-16 (2Ft)		1	G		X	X	X										
9	5-19-09	1415		X	S	TP-13 (1 Ft)		1	G		X	X	X										

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ✓ Yes ___ No Internal Use Only
Seals Intact ___ Yes ___ No NA: ✓ [ ] Pickup
Cooler Temp: 5.5°C [ ] Technicians____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- ~~MeOH~~, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Deuger

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mark Deuger	5/19/09 1515	Ralph Bowles	5/19/09 15:15	Ralph Bowles	5/19/09 16:35	[illegible]	5/19/09 16:35
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 A

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time ✓ Standard Other ____
If faster than 5 days, prior approval by laboratory is required #____
State where samples were collected from: MA RI CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits

ESS LAB PROJECT ID: 0905249

Electronic Deliverable ___ Yes ___ No
Format: Excel ✓ Access ___ PDF ✓ Other ____

Co. Name: Advanced Environmental Solutions, Inc	Project #: -	Project Name (20 Char. or less): Baltic Mill	
Contact Person: Mark Dougev	Address: ~~60~~ 90 Madison St, Ste 605		
City: Worcester	State: MA	Zip: 01608	PO#: ✓
Telephone #: 508-363-4882	Fax #: 508-363-4883	Email Address:	

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Write Required Analysis: ETPH	PAH	PP Metals
10	5-19-09	1430		X	S	TP-14 (2 Ft)		1	G	X	X	X
11	5-19-09	1430		X	S	TP-14 (8 Ft)		1	G	X	X	X
12	5-19-09	1450		X	S	TP-17 (5 Ft)		1	G	X	X	X
13	5-19-09	1530		X	S	TP-140 (2 Ft)		1	G	X	X	X

Container Type: P-Poly G-Glass S-Sterile V-VOA
Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ✓ Yes ___ No
Seals Intact ___ Yes ___ No NA: ✓
Cooler Temp: 5.5 °C

Internal Use Only
[ ] Pickup
[ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Dougev

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mark Dougev	5/19/09 1515	Ralph Bowles	5/19/09 15:15	Ralph Bowles	5/19/09 16:35	[illegible]	5/19/09 16:35
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 A