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: 0905219

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: 2009.05.26 17:23:20 -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 18, 2009 for the analyses specified on the enclosed Chain of Custody Record.

Question F: All samples for SVOA and metals were analyzed for a subset of the required MCP list per the client's request.

Laboratory ID	Matrix	Client Sample ID
0905219-01	Soil	TP-29 3-5
0905219-02	Soil	TP-28 5.5
0905219-03	Soil	TP-25 5
0905219-04	Soil	TP-27 Comp
0905219-05	Soil	TP-30 4-4.5
0905219-06	Soil	TP-32 Comp
0905219-07	Soil	TP-33 6-7
0905219-08	Soil	TP-34 6-7
0905219-09	Soil	TP-31 Comp
0905219-10	Soil	TP-02 8
0905219-11	Soil	TP-004 8
0905219-12	Soil	TP-04 8
0905219-13	Soil	TP-06 12
0905219-14	Soil	TP-06 6

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

PROJECT NARRATIVE

3050B/6000/7000 Total Metals

BE91919-DUP2	**Relative percent difference for duplicate is outside of criteria.**
	Zinc
BE91919-MS2	**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
BSE0141-CCV1	**Continuing Calibration recovery is below lower control limit.**
	Tetrahydrofuran

5035/8260B Volatile Organic Compounds / Methanol

0905219-10	**VOA sample could not be run as a low level analysis due to sample matrix.**
0905219-13	**VOA sample could not be run as a low level analysis due to sample matrix.**

8100M Extractable Total Petroleum Hydrocarbons

0905219-08	**Surrogate recovery(ies) outside of criteria due to matrix (UCM/coelution is present).**
0905219-10	**Surrogate recovery(ies) diluted below the MRL.**
0905219-11	**Surrogate recovery(ies) outside of criteria due to matrix (UCM/coelution is present).**
0905219-12	**Surrogate recovery(ies) outside of criteria due to matrix (UCM/coelution is present).**
0905219-13	**Surrogate recovery(ies) diluted below the MRL.**

8270C Polynuclear Aromatic Hydrocarbons

0905219-08	**Surrogate recovery(ies) above upper control limit.**
0905219-10	**Surrogate recovery(ies) diluted below the MRL.**
0905219-11	**Surrogate recovery(ies) diluted below the MRL.**
0905219-12	**Surrogate recovery(ies) diluted below the MRL.**

Classical Chemistry

BE91908-MS1	**Matrix Spike recovery is below lower control limit.**
	Total Cyanide

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: 0905219

Laboratory Analysis
QA/QC Certification Form

Project Number: **N/A**
Sampling Date(s): **5/18/2009**
Laboratory Sample ID(s): **0905219-01 through 0905219-14**

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

7841-Ti

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 26, 2009

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-29 3-5
Date Sampled: 05/18/09 09:45
Percent Solids: 94

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-01
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	6.0	6010B	27	1	SVD	05/20/09	1.78	100
Arsenic	**6.8**	mg/kg dry	3.0	6010B	10	1	SVD	05/20/09	1.78	100
Beryllium	**0.09**	mg/kg dry	0.06	6010B	2	1	SVD	05/20/09	1.78	100
Cadmium	ND	mg/kg dry	0.60	6010B	34	1	SVD	05/20/09	1.78	100
Chromium	**6.9**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.78	100
Copper	**11.7**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.78	100
Lead	**121**	mg/kg dry	6.0	6010B	400	1	SVD	05/20/09	1.78	100
Mercury	ND	mg/kg dry	0.031	7471A	20	1	KAB	05/21/09	0.68	40
Nickel	**6.1**	mg/kg dry	3.0	6010B	1400	1	SVD	05/20/09	1.78	100
Selenium	ND	mg/kg dry	6.0	6010B	340	1	SVD	05/20/09	1.78	100
Silver	ND	mg/kg dry	0.60	6010B	340	1	SVD	05/20/09	1.78	100
Thallium	ND	mg/kg dry	1.48	7841	5.4	5	SVD	05/21/09	1.78	100
Zinc	**16.5**	mg/kg dry	3.0	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-29 3-5
Date Sampled: 05/18/09 09:45
Percent Solids: 94
Initial Volume: 5.2
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-01
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	mg/kg dry	0.0051	24	1	05/19/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.0051	500	1	05/19/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0051	3.1	1	05/19/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.0051		1	05/19/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.0051	11	1	05/19/09
1,1-Dichloroethane	ND	mg/kg dry	0.0051	500	1	05/19/09
1,1-Dichloroethene	ND	mg/kg dry	0.0051	1	1	05/19/09
1,1-Dichloropropene	ND	mg/kg dry	0.0051		1	05/19/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0051		1	05/19/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.0051		1	05/19/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0051	680	1	05/19/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.0051	0.44	1	05/19/09
1,2-Dibromoethane	ND	mg/kg dry	0.0051	0.007	1	05/19/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
1,2-Dichloroethane	ND	mg/kg dry	0.0051	6.7	1	05/19/09
1,2-Dichloropropane	ND	mg/kg dry	0.0051	9	1	05/19/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
1,3-Dichloropropane	ND	mg/kg dry	0.0051		1	05/19/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.0051	26	1	05/19/09
1,4-Dioxane	ND	mg/kg dry	0.102	0.2	1	05/19/09
2,2-Dichloropropane	ND	mg/kg dry	0.0051		1	05/19/09
2-Butanone	ND	mg/kg dry	0.0511	500	1	05/19/09
2-Chlorotoluene	ND	mg/kg dry	0.0051	500	1	05/19/09
2-Hexanone	ND	mg/kg dry	0.0511		1	05/19/09
4-Chlorotoluene	ND	mg/kg dry	0.0051	500	1	05/19/09
4-Isopropyltoluene	ND	mg/kg dry	0.0051	500	1	05/19/09
4-Methyl-2-Pentanone	ND	mg/kg dry	0.0511	500	1	05/19/09
Acetone	ND	mg/kg dry	0.0511	500	1	05/19/09
Acrylonitrile	ND	mg/kg dry	0.0051	1.1	1	05/19/09
Benzene	ND	mg/kg dry	0.0051	21	1	05/19/09
Bromobenzene	ND	mg/kg dry	0.0051		1	05/19/09
Bromochloromethane	ND	mg/kg dry	0.0051		1	05/19/09
Bromodichloromethane	ND	mg/kg dry	0.0051	9.9	1	05/19/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-29 3-5
Date Sampled: 05/18/09 09:45
Percent Solids: 94
Initial Volume: 5.2
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-01
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromoform	ND	mg/kg dry	0.0051	78	1	05/19/09
Bromomethane	ND	mg/kg dry	0.0102	95	1	05/19/09
Carbon Disulfide	ND	mg/kg dry	0.0051	500	1	05/19/09
Carbon Tetrachloride	ND	mg/kg dry	0.0051	4.7	1	05/19/09
Chlorobenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
Chloroethane	ND	mg/kg dry	0.0102		1	05/19/09
Chloroform	ND	mg/kg dry	0.0051	100	1	05/19/09
Chloromethane	ND	mg/kg dry	0.0102	47	1	05/19/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.0051	500	1	05/19/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.0051	3.4	1	05/19/09
Dibromochloromethane	ND	mg/kg dry	0.0051	7.3	1	05/19/09
Dibromomethane	ND	mg/kg dry	0.0051		1	05/19/09
Dichlorodifluoromethane	ND	mg/kg dry	0.0102		1	05/19/09
Diethyl Ether	ND	mg/kg dry	0.0051		1	05/19/09
Di-isopropyl ether	ND	mg/kg dry	0.0051		1	05/19/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.0051		1	05/19/09
Ethylbenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
Hexachlorobutadiene	ND	mg/kg dry	0.0051	7.9	1	05/19/09
Isopropylbenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.0051	500	1	05/19/09
Methylene Chloride	ND	mg/kg dry	0.0256	82	1	05/19/09
Naphthalene	ND	mg/kg dry	0.0051	1000	1	05/19/09
n-Butylbenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
n-Propylbenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
sec-Butylbenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
Styrene	ND	mg/kg dry	0.0051	500	1	05/19/09
tert-Butylbenzene	ND	mg/kg dry	0.0051	500	1	05/19/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.0051		1	05/19/09
Tetrachloroethene	ND	mg/kg dry	0.0051	12	1	05/19/09
Tetrahydrofuran	ND	mg/kg dry	0.0051		1	05/19/09
Toluene	ND	mg/kg dry	0.0051	500	1	05/19/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.0051	500	1	05/19/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.0051	3.4	1	05/19/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	0.0051		1	05/19/09
Trichloroethene	ND	mg/kg dry	0.0051	56	1	05/19/09
Trichlorofluoromethane	ND	mg/kg dry	0.0051	500	1	05/19/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-29 3-5
Date Sampled: 05/18/09 09:45
Percent Solids: 94
Initial Volume: 5.2
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-01
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Vinyl Chloride	ND	mg/kg dry	0.0102	0.32	1	05/19/09
Xylene O	ND	mg/kg dry	0.0051	500	1	05/19/09
Xylene P,M	ND	mg/kg dry	0.0102	500	1	05/19/09
Xylenes (Total)	ND	mg/kg dry	0.0153	500	0	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*123 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*112 %*		*70-130*
Surrogate: Toluene-d8	*104 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-29 3-5
Date Sampled: 05/18/09 09:45
Percent Solids: 94
Initial Volume: 15
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-01
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.354	474	1	05/19/09
Acenaphthene	ND	mg/kg dry	0.354	1000	1	05/19/09
Acenaphthylene	ND	mg/kg dry	0.354	1000	1	05/19/09
Anthracene	ND	mg/kg dry	0.354	1000	1	05/19/09
Benzo(a)anthracene	ND	mg/kg dry	0.354	1	1	05/19/09
Benzo(a)pyrene	**0.187**	mg/kg dry	0.178	1	1	05/19/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.354	1	1	05/19/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.354	1000	1	05/19/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.354	8.4	1	05/19/09
Chrysene	**0.215**	mg/kg dry	0.178	84	1	05/19/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.178	0.33	1	05/19/09
Fluoranthene	ND	mg/kg dry	0.354	1000	1	05/19/09
Fluorene	ND	mg/kg dry	0.354	1000	1	05/19/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.354	1	1	05/19/09
Naphthalene	ND	mg/kg dry	0.354	1000	1	05/19/09
Phenanthrene	ND	mg/kg dry	0.354	1000	1	05/19/09
Pyrene	ND	mg/kg dry	0.354	1000	1	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*73 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*89 %*		*30-130*
Surrogate: Nitrobenzene-d5	*74 %*		*30-130*
Surrogate: p-Terphenyl-d14	*99 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-29 3-5
Date Sampled: 05/18/09 09:45
Percent Solids: 94
Initial Volume: 19.3
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-01
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	ND	mg/kg dry	22.0	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*85 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-28 5.5
Date Sampled: 05/18/09 10:15
Percent Solids: 94

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-02
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	5.9	6010B	27	1	SVD	05/20/09	1.81	100
Arsenic	**7.7**	mg/kg dry	2.9	6010B	10	1	SVD	05/20/09	1.81	100
Beryllium	**0.16**	mg/kg dry	0.06	6010B	2	1	SVD	05/20/09	1.81	100
Cadmium	ND	mg/kg dry	0.59	6010B	34	1	SVD	05/20/09	1.81	100
Chromium	**5.1**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.81	100
Copper	**7.9**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.81	100
Lead	**98.3**	mg/kg dry	5.9	6010B	400	1	SVD	05/20/09	1.81	100
Mercury	**0.181**	mg/kg dry	0.035	7471A	20	1	KAB	05/21/09	0.61	40
Nickel	**4.5**	mg/kg dry	2.9	6010B	1400	1	SVD	05/20/09	1.81	100
Selenium	ND	mg/kg dry	5.9	6010B	340	1	SVD	05/20/09	1.81	100
Silver	ND	mg/kg dry	0.59	6010B	340	1	SVD	05/20/09	1.81	100
Thallium	ND	mg/kg dry	1.45	7841	5.4	5	SVD	05/21/09	1.81	100
Zinc	**44.2**	mg/kg dry	2.9	6010B	20000	1	SVD	05/20/09	1.81	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-28 5.5
Date Sampled: 05/18/09 10:15
Percent Solids: 94
Initial Volume: 3.3
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-02
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	0.0081	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.0081	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0081	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.0081		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.0081	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg dry	0.0081	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg dry	0.0081	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg dry	0.0081		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0081		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.0081		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0081	680	1	05/20/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.0081	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg dry	0.0081	0.007	1	05/20/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg dry	0.0081	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg dry	0.0081	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg dry	0.0081		1	05/20/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.0081	26	1	05/20/09
1,4-Dioxane	ND	mg/kg dry	0.161	0.2	1	05/20/09
2,2-Dichloropropane	ND	mg/kg dry	0.0081		1	05/20/09
2-Butanone	ND	mg/kg dry	0.0806	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg dry	0.0081	500	1	05/20/09
2-Hexanone	ND	mg/kg dry	0.0806		1	05/20/09
4-Chlorotoluene	ND	mg/kg dry	0.0081	500	1	05/20/09
4-Isopropyltoluene	ND	mg/kg dry	0.0081	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg dry	0.0806	500	1	05/20/09
Acetone	ND	mg/kg dry	0.0806	500	1	05/20/09
Acrylonitrile	ND	mg/kg dry	0.0081	1.1	1	05/20/09
Benzene	ND	mg/kg dry	0.0081	21	1	05/20/09
Bromobenzene	ND	mg/kg dry	0.0081		1	05/20/09
Bromochloromethane	ND	mg/kg dry	0.0081		1	05/20/09
Bromodichloromethane	ND	mg/kg dry	0.0081	9.9	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-28 5.5
Date Sampled: 05/18/09 10:15
Percent Solids: 94
Initial Volume: 3.3
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-02
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromoform	ND	mg/kg dry	0.0081	78	1	05/20/09
Bromomethane	ND	mg/kg dry	0.0161	95	1	05/20/09
Carbon Disulfide	ND	mg/kg dry	0.0081	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg dry	0.0081	4.7	1	05/20/09
Chlorobenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
Chloroethane	ND	mg/kg dry	0.0161		1	05/20/09
Chloroform	ND	mg/kg dry	0.0081	100	1	05/20/09
Chloromethane	ND	mg/kg dry	0.0161	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.0081	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.0081	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg dry	0.0081	7.3	1	05/20/09
Dibromomethane	ND	mg/kg dry	0.0081		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg dry	0.0161		1	05/20/09
Diethyl Ether	ND	mg/kg dry	0.0081		1	05/20/09
Di-isopropyl ether	ND	mg/kg dry	0.0081		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.0081		1	05/20/09
Ethylbenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg dry	0.0081	7.9	1	05/20/09
Isopropylbenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.0081	500	1	05/20/09
Methylene Chloride	ND	mg/kg dry	0.0403	82	1	05/20/09
Naphthalene	ND	mg/kg dry	0.0081	1000	1	05/20/09
n-Butylbenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
n-Propylbenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
sec-Butylbenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
Styrene	ND	mg/kg dry	0.0081	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg dry	0.0081	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.0081		1	05/20/09
Tetrachloroethene	ND	mg/kg dry	0.0081	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg dry	0.0081		1	05/20/09
Toluene	ND	mg/kg dry	0.0081	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.0081	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.0081	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	0.0081		1	05/20/09
Trichloroethene	ND	mg/kg dry	0.0081	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg dry	0.0081	500	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-28 5.5
Date Sampled: 05/18/09 10:15
Percent Solids: 94
Initial Volume: 3.3
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-02
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Vinyl Chloride	ND	mg/kg dry	0.0161	0.32	1	05/20/09
Xylene O	ND	mg/kg dry	0.0081	500	1	05/20/09
Xylene P,M	ND	mg/kg dry	0.0161	500	1	05/20/09
Xylenes (Total)	ND	mg/kg dry	0.0242	500	0	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*97 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*88 %*		*70-130*
Surrogate: Dibromofluoromethane	*97 %*		*70-130*
Surrogate: Toluene-d8	*100 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-28 5.5
Date Sampled: 05/18/09 10:15
Percent Solids: 94
Initial Volume: 14.7
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-02
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.361	474	1	05/19/09
Acenaphthene	ND	mg/kg dry	0.361	1000	1	05/19/09
Acenaphthylene	ND	mg/kg dry	0.361	1000	1	05/19/09
Anthracene	ND	mg/kg dry	0.361	1000	1	05/19/09
Benzo(a)anthracene	ND	mg/kg dry	0.361	1	1	05/19/09
Benzo(a)pyrene	ND	mg/kg dry	0.181	1	1	05/19/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.361	1	1	05/19/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.361	1000	1	05/19/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.361	8.4	1	05/19/09
Chrysene	**0.189**	mg/kg dry	0.181	84	1	05/19/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.181	0.33	1	05/19/09
Fluoranthene	ND	mg/kg dry	0.361	1000	1	05/19/09
Fluorene	ND	mg/kg dry	0.361	1000	1	05/19/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.361	1	1	05/19/09
Naphthalene	ND	mg/kg dry	0.361	1000	1	05/19/09
Phenanthrene	ND	mg/kg dry	0.361	1000	1	05/19/09
Pyrene	ND	mg/kg dry	0.361	1000	1	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*67 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*66 %*		*30-130*
Surrogate: Nitrobenzene-d5	*67 %*		*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-28 5.5
Date Sampled: 05/18/09 10:15
Percent Solids: 94
Initial Volume: 19.8
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-02
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	**50.8**	mg/kg dry	21.5	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*99 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-25 5
Date Sampled: 05/18/09 10:55
Percent Solids: 89

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-03
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	6.2	6010B	27	1	SVD	05/20/09	1.8	100
Arsenic	ND	mg/kg dry	3.1	6010B	10	1	SVD	05/20/09	1.8	100
Beryllium	**0.12**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.8	100
Cadmium	**0.80**	mg/kg dry	0.63	6010B	34	1	SVD	05/20/09	1.8	100
Chromium	**8.7**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.8	100
Copper	**5.5**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.8	100
Lead	**8.8**	mg/kg dry	6.2	6010B	400	1	SVD	05/20/09	1.8	100
Mercury	ND	mg/kg dry	0.034	7471A	20	1	KAB	05/21/09	0.66	40
Nickel	**5.5**	mg/kg dry	3.1	6010B	1400	1	SVD	05/20/09	1.8	100
Selenium	ND	mg/kg dry	6.2	6010B	340	1	SVD	05/20/09	1.8	100
Silver	ND	mg/kg dry	0.63	6010B	340	1	SVD	05/20/09	1.8	100
Thallium	ND	mg/kg dry	1.54	7841	5.4	5	SVD	05/21/09	1.8	100
Zinc	**15.9**	mg/kg dry	3.1	6010B	20000	1	SVD	05/20/09	1.8	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-25 5
Date Sampled: 05/18/09 10:55
Percent Solids: 89
Initial Volume: 14.5
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-03
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.387	474	1	05/19/09
Acenaphthene	ND	mg/kg dry	0.387	1000	1	05/19/09
Acenaphthylene	ND	mg/kg dry	0.387	1000	1	05/19/09
Anthracene	ND	mg/kg dry	0.387	1000	1	05/19/09
Benzo(a)anthracene	ND	mg/kg dry	0.387	1	1	05/19/09
Benzo(a)pyrene	ND	mg/kg dry	0.194	1	1	05/19/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.387	1	1	05/19/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.387	1000	1	05/19/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.387	8.4	1	05/19/09
Chrysene	ND	mg/kg dry	0.194	84	1	05/19/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.194	0.33	1	05/19/09
Fluoranthene	ND	mg/kg dry	0.387	1000	1	05/19/09
Fluorene	ND	mg/kg dry	0.387	1000	1	05/19/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.387	1	1	05/19/09
Naphthalene	ND	mg/kg dry	0.387	1000	1	05/19/09
Phenanthrene	ND	mg/kg dry	0.387	1000	1	05/19/09
Pyrene	ND	mg/kg dry	0.387	1000	1	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*60 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*73 %*		*30-130*
Surrogate: Nitrobenzene-d5	*62 %*		*30-130*
Surrogate: p-Terphenyl-d14	*85 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-25 5
Date Sampled: 05/18/09 10:55
Percent Solids: 89
Initial Volume: 20.1
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-03
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	22.4	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*69 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-27 Comp
Date Sampled: 05/18/09 11:20
Percent Solids: 83

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-04
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	6.7	6010B	27	1	SVD	05/20/09	1.81	100
Arsenic	ND	mg/kg dry	3.3	6010B	10	1	SVD	05/20/09	1.81	100
Beryllium	**0.19**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.81	100
Cadmium	**1.17**	mg/kg dry	0.67	6010B	34	1	SVD	05/20/09	1.81	100
Chromium	**20.0**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.81	100
Copper	**12.7**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.81	100
Lead	**22.0**	mg/kg dry	6.7	6010B	400	1	SVD	05/20/09	1.81	100
Mercury	**0.086**	mg/kg dry	0.037	7471A	20	1	KAB	05/21/09	0.64	40
Nickel	**8.3**	mg/kg dry	3.3	6010B	1400	1	SVD	05/20/09	1.81	100
Selenium	ND	mg/kg dry	6.7	6010B	340	1	SVD	05/20/09	1.81	100
Silver	ND	mg/kg dry	0.67	6010B	340	1	SVD	05/20/09	1.81	100
Thallium	ND	mg/kg dry	1.65	7841	5.4	5	SVD	05/21/09	1.81	100
Zinc	**29.6**	mg/kg dry	3.3	6010B	20000	1	SVD	05/20/09	1.81	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-27 Comp
Date Sampled: 05/18/09 11:20
Percent Solids: 83
Initial Volume: 15.8
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-04
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.381	474	1	05/19/09
Acenaphthene	ND	mg/kg dry	0.381	1000	1	05/19/09
Acenaphthylene	ND	mg/kg dry	0.381	1000	1	05/19/09
Anthracene	ND	mg/kg dry	0.381	1000	1	05/19/09
Benzo(a)anthracene	**1.37**	mg/kg dry	0.381	1	1	05/19/09
Benzo(a)pyrene	**1.02**	mg/kg dry	0.191	1	1	05/19/09
Benzo(b)fluoranthene	**0.737**	mg/kg dry	0.381	1	1	05/19/09
Benzo(g,h,i)perylene	**0.481**	mg/kg dry	0.381	1000	1	05/19/09
Benzo(k)fluoranthene	**1.07**	mg/kg dry	0.381	8.4	1	05/19/09
Chrysene	**1.25**	mg/kg dry	0.191	84	1	05/19/09
Dibenzo(a,h)Anthracene	**0.223**	mg/kg dry	0.191	0.33	1	05/19/09
Fluoranthene	**2.36**	mg/kg dry	0.381	1000	1	05/19/09
Fluorene	ND	mg/kg dry	0.381	1000	1	05/19/09
Indeno(1,2,3-cd)Pyrene	**0.532**	mg/kg dry	0.381	1	1	05/19/09
Naphthalene	ND	mg/kg dry	0.381	1000	1	05/19/09
Phenanthrene	**1.05**	mg/kg dry	0.381	1000	1	05/19/09
Pyrene	**2.01**	mg/kg dry	0.381	1000	1	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*61 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*76 %*		*30-130*
Surrogate: Nitrobenzene-d5	*66 %*		*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-27 Comp
Date Sampled: 05/18/09 11:20
Percent Solids: 83
Initial Volume: 21
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-04
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	**166**	mg/kg dry	22.9	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*104 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-30 4-4.5
Date Sampled: 05/18/09 12:00
Percent Solids: 85

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-05
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	6.7	6010B	27	1	SVD	05/20/09	1.75	100
Arsenic	**5.5**	mg/kg dry	3.4	6010B	10	1	SVD	05/20/09	1.75	100
Beryllium	**0.31**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.75	100
Cadmium	ND	mg/kg dry	0.68	6010B	34	1	SVD	05/20/09	1.75	100
Chromium	**8.5**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.75	100
Copper	**7.8**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.75	100
Lead	**28.4**	mg/kg dry	6.7	6010B	400	1	SVD	05/20/09	1.75	100
Mercury	**0.082**	mg/kg dry	0.039	7471A	20	1	KAB	05/21/09	0.6	40
Nickel	**9.0**	mg/kg dry	3.4	6010B	1400	1	SVD	05/20/09	1.75	100
Selenium	ND	mg/kg dry	6.7	6010B	340	1	SVD	05/20/09	1.75	100
Silver	ND	mg/kg dry	0.68	6010B	340	1	SVD	05/20/09	1.75	100
Thallium	ND	mg/kg dry	1.66	7841	5.4	5	SVD	05/21/09	1.75	100
Zinc	**17.1**	mg/kg dry	3.4	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-30 4-4.5
Date Sampled: 05/18/09 12:00
Percent Solids: 85
Initial Volume: 2.8
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-05
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
1,1,1,2-Tetrachloroethane	ND	mg/kg dry	0.0105	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.0105	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0105	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.0105		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.0105	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg dry	0.0105	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg dry	0.0105	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg dry	0.0105		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0105		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.0105		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0105	680	1	05/20/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.0105	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg dry	0.0105	0.007	1	05/20/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg dry	0.0105	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg dry	0.0105	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg dry	0.0105		1	05/20/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.0105	26	1	05/20/09
1,4-Dioxane	ND	mg/kg dry	0.210	0.2	1	05/20/09
2,2-Dichloropropane	ND	mg/kg dry	0.0105		1	05/20/09
2-Butanone	ND	mg/kg dry	0.105	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg dry	0.0105	500	1	05/20/09
2-Hexanone	ND	mg/kg dry	0.105		1	05/20/09
4-Chlorotoluene	ND	mg/kg dry	0.0105	500	1	05/20/09
4-Isopropyltoluene	ND	mg/kg dry	0.0105	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg dry	0.105	500	1	05/20/09
Acetone	ND	mg/kg dry	0.105	500	1	05/20/09
Acrylonitrile	ND	mg/kg dry	0.0105	1.1	1	05/20/09
Benzene	ND	mg/kg dry	0.0105	21	1	05/20/09
Bromobenzene	ND	mg/kg dry	0.0105		1	05/20/09
Bromochloromethane	ND	mg/kg dry	0.0105		1	05/20/09
Bromodichloromethane	ND	mg/kg dry	0.0105	9.9	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-30 4-4.5
Date Sampled: 05/18/09 12:00
Percent Solids: 85
Initial Volume: 2.8
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-05
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromoform	ND	mg/kg dry	0.0105	78	1	05/20/09
Bromomethane	ND	mg/kg dry	0.0210	95	1	05/20/09
Carbon Disulfide	ND	mg/kg dry	0.0105	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg dry	0.0105	4.7	1	05/20/09
Chlorobenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
Chloroethane	ND	mg/kg dry	0.0210		1	05/20/09
Chloroform	ND	mg/kg dry	0.0105	100	1	05/20/09
Chloromethane	ND	mg/kg dry	0.0210	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.0105	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.0105	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg dry	0.0105	7.3	1	05/20/09
Dibromomethane	ND	mg/kg dry	0.0105		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg dry	0.0210		1	05/20/09
Diethyl Ether	ND	mg/kg dry	0.0105		1	05/20/09
Di-isopropyl ether	ND	mg/kg dry	0.0105		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.0105		1	05/20/09
Ethylbenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg dry	0.0105	7.9	1	05/20/09
Isopropylbenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.0105	500	1	05/20/09
Methylene Chloride	ND	mg/kg dry	0.0525	82	1	05/20/09
Naphthalene	ND	mg/kg dry	0.0105	1000	1	05/20/09
n-Butylbenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
n-Propylbenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
sec-Butylbenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
Styrene	ND	mg/kg dry	0.0105	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg dry	0.0105	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.0105		1	05/20/09
Tetrachloroethene	ND	mg/kg dry	0.0105	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg dry	0.0105		1	05/20/09
Toluene	ND	mg/kg dry	0.0105	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.0105	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.0105	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	0.0105		1	05/20/09
Trichloroethene	ND	mg/kg dry	0.0105	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg dry	0.0105	500	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-30 4-4.5
Date Sampled: 05/18/09 12:00
Percent Solids: 85
Initial Volume: 2.8
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-05
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Vinyl Chloride	ND	mg/kg dry	0.0210	0.32	1	05/20/09
Xylene O	ND	mg/kg dry	0.0105	500	1	05/20/09
Xylene P,M	ND	mg/kg dry	0.0210	500	1	05/20/09
Xylenes (Total)	ND	mg/kg dry	0.0315	500	0	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*102 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*97 %*		*70-130*
Surrogate: Dibromofluoromethane	*98 %*		*70-130*
Surrogate: Toluene-d8	*103 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-30 4-4.5
Date Sampled: 05/18/09 12:00
Percent Solids: 85
Initial Volume: 14.4
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-05
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	**10.2**	mg/kg dry	8.16	474	10	05/19/09
Acenaphthene	ND	mg/kg dry	8.16	1000	10	05/19/09
Acenaphthylene	ND	mg/kg dry	8.16	1000	10	05/19/09
Anthracene	**22.8**	mg/kg dry	8.16	1000	10	05/19/09
Benzo(a)anthracene	**37.5**	mg/kg dry	8.16	1	10	05/19/09
Benzo(a)pyrene	**22.8**	mg/kg dry	4.09	1	10	05/19/09
Benzo(b)fluoranthene	**18.6**	mg/kg dry	8.16	1	10	05/19/09
Benzo(g,h,i)perylene	ND	mg/kg dry	8.16	1000	10	05/19/09
Benzo(k)fluoranthene	**21.7**	mg/kg dry	8.16	8.4	10	05/19/09
Chrysene	**30.5**	mg/kg dry	4.09	84	10	05/19/09
Dibenzo(a,h)Anthracene	**4.75**	mg/kg dry	4.09	0.33	10	05/19/09
Fluoranthene	**68.7**	mg/kg dry	8.16	1000	10	05/19/09
Fluorene	**11.3**	mg/kg dry	8.16	1000	10	05/19/09
Indeno(1,2,3-cd)Pyrene	**10.2**	mg/kg dry	8.16	1	10	05/19/09
Naphthalene	ND	mg/kg dry	8.16	1000	10	05/19/09
Phenanthrene	**74.1**	mg/kg dry	8.16	1000	10	05/19/09
Pyrene	**52.6**	mg/kg dry	8.16	1000	10	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*90 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*90 %*		*30-130*
Surrogate: Nitrobenzene-d5	*97 %*		*30-130*
Surrogate: p-Terphenyl-d14	*103 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-30 4-4.5
Date Sampled: 05/18/09 12:00
Percent Solids: 85

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-05
Sample Matrix: Soil

Classical Chemistry

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed
Total Cyanide	ND	mg/kg dry	2.74	9014	1400	1	EEM	05/19/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-30 4-4.5
Date Sampled: 05/18/09 12:00
Percent Solids: 85
Initial Volume: 19.6
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-05
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	**362**	mg/kg dry	24.0	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*61 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-32 Comp
Date Sampled: 05/18/09 12:25
Percent Solids: 91

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-06
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	6.2	6010B	27	1	SVD	05/20/09	1.76	100
Arsenic	**6.0**	mg/kg dry	3.1	6010B	10	1	SVD	05/20/09	1.76	100
Beryllium	**0.20**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.76	100
Cadmium	ND	mg/kg dry	0.63	6010B	34	1	SVD	05/20/09	1.76	100
Chromium	**14.0**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.76	100
Copper	**14.5**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.76	100
Lead	**76.0**	mg/kg dry	6.2	6010B	400	1	SVD	05/20/09	1.76	100
Mercury	**0.070**	mg/kg dry	0.034	7471A	20	1	KAB	05/21/09	0.64	40
Nickel	**9.7**	mg/kg dry	3.1	6010B	1400	1	SVD	05/20/09	1.76	100
Selenium	ND	mg/kg dry	6.2	6010B	340	1	SVD	05/20/09	1.76	100
Silver	ND	mg/kg dry	0.63	6010B	340	1	SVD	05/20/09	1.76	100
Thallium	ND	mg/kg dry	1.55	7841	5.4	5	SVD	05/21/09	1.76	100
Zinc	**54.2**	mg/kg dry	3.1	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-32 Comp
Date Sampled: 05/18/09 12:25
Percent Solids: 91
Initial Volume: 14.6
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-06
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.376	474	1	05/19/09
Acenaphthene	ND	mg/kg dry	0.376	1000	1	05/19/09
Acenaphthylene	ND	mg/kg dry	0.376	1000	1	05/19/09
Anthracene	ND	mg/kg dry	0.376	1000	1	05/19/09
Benzo(a)anthracene	ND	mg/kg dry	0.376	1	1	05/19/09
Benzo(a)pyrene	**0.260**	mg/kg dry	0.189	1	1	05/19/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.376	1	1	05/19/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.376	1000	1	05/19/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.376	8.4	1	05/19/09
Chrysene	**0.313**	mg/kg dry	0.189	84	1	05/19/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.189	0.33	1	05/19/09
Fluoranthene	**0.476**	mg/kg dry	0.376	1000	1	05/19/09
Fluorene	ND	mg/kg dry	0.376	1000	1	05/19/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.376	1	1	05/19/09
Naphthalene	ND	mg/kg dry	0.376	1000	1	05/19/09
Phenanthrene	ND	mg/kg dry	0.376	1000	1	05/19/09
Pyrene	**0.443**	mg/kg dry	0.376	1000	1	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*74 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*87 %*		*30-130*
Surrogate: Nitrobenzene-d5	*74 %*		*30-130*
Surrogate: p-Terphenyl-d14	*94 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-32 Comp
Date Sampled: 05/18/09 12:25
Percent Solids: 91

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-06
Sample Matrix: Soil

Classical Chemistry

CT - RES DEC

Analyte	Results	Units	MRL	Method	Limit	DF	Analyst	Analyzed
Total Cyanide	ND	mg/kg dry	2.51	9014	1400	1	EEM	05/19/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-32 Comp
Date Sampled: 05/18/09 12:25
Percent Solids: 91
Initial Volume: 19.9
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-06
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	**42.6**	mg/kg dry	22.1	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*94 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-33 6-7
Date Sampled: 05/18/09 12:55
Percent Solids: 79

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-07
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	7.2	6010B	27	1	SVD	05/20/09	1.77	100
Arsenic	**8.0**	mg/kg dry	3.6	6010B	10	1	SVD	05/20/09	1.77	100
Beryllium	**0.09**	mg/kg dry	0.08	6010B	2	1	SVD	05/20/09	1.77	100
Cadmium	ND	mg/kg dry	0.72	6010B	34	1	SVD	05/20/09	1.77	100
Chromium	**7.5**	mg/kg dry	1.4	6010B	3900	1	SVD	05/20/09	1.77	100
Copper	**9.6**	mg/kg dry	1.4	6010B	2500	1	SVD	05/20/09	1.77	100
Lead	**25.2**	mg/kg dry	7.2	6010B	400	1	SVD	05/20/09	1.77	100
Mercury	**0.151**	mg/kg dry	0.040	7471A	20	1	KAB	05/21/09	0.63	40
Nickel	**5.5**	mg/kg dry	3.6	6010B	1400	1	SVD	05/20/09	1.77	100
Selenium	ND	mg/kg dry	7.2	6010B	340	1	SVD	05/20/09	1.77	100
Silver	ND	mg/kg dry	0.72	6010B	340	1	SVD	05/20/09	1.77	100
Thallium	ND	mg/kg dry	1.77	7841	5.4	5	SVD	05/21/09	1.77	100
Zinc	**29.7**	mg/kg dry	3.6	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-33 6-7
Date Sampled: 05/18/09 12:55
Percent Solids: 79
Initial Volume: 3.1
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-07
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	0.0102	24	1	05/19/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.0102	500	1	05/19/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0102	3.1	1	05/19/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.0102		1	05/19/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.0102	11	1	05/19/09
1,1-Dichloroethane	ND	mg/kg dry	0.0102	500	1	05/19/09
1,1-Dichloroethene	ND	mg/kg dry	0.0102	1	1	05/19/09
1,1-Dichloropropene	ND	mg/kg dry	0.0102		1	05/19/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0102		1	05/19/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.0102		1	05/19/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0102	680	1	05/19/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.0102	0.44	1	05/19/09
1,2-Dibromoethane	ND	mg/kg dry	0.0102	0.007	1	05/19/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
1,2-Dichloroethane	ND	mg/kg dry	0.0102	6.7	1	05/19/09
1,2-Dichloropropane	ND	mg/kg dry	0.0102	9	1	05/19/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
1,3-Dichloropropane	ND	mg/kg dry	0.0102		1	05/19/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.0102	26	1	05/19/09
1,4-Dioxane	ND	mg/kg dry	0.204	0.2	1	05/19/09
2,2-Dichloropropane	ND	mg/kg dry	0.0102		1	05/19/09
2-Butanone	ND	mg/kg dry	0.102	500	1	05/19/09
2-Chlorotoluene	ND	mg/kg dry	0.0102	500	1	05/19/09
2-Hexanone	ND	mg/kg dry	0.102		1	05/19/09
4-Chlorotoluene	ND	mg/kg dry	0.0102	500	1	05/19/09
4-Isopropyltoluene	ND	mg/kg dry	0.0102	500	1	05/19/09
4-Methyl-2-Pentanone	ND	mg/kg dry	0.102	500	1	05/19/09
Acetone	ND	mg/kg dry	0.102	500	1	05/19/09
Acrylonitrile	ND	mg/kg dry	0.0102	1.1	1	05/19/09
Benzene	ND	mg/kg dry	0.0102	21	1	05/19/09
Bromobenzene	ND	mg/kg dry	0.0102		1	05/19/09
Bromochloromethane	ND	mg/kg dry	0.0102		1	05/19/09
Bromodichloromethane	ND	mg/kg dry	0.0102	9.9	1	05/19/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-33 6-7
Date Sampled: 05/18/09 12:55
Percent Solids: 79
Initial Volume: 3.1
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-07
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromoform	ND	mg/kg dry	0.0102	78	1	05/19/09
Bromomethane	ND	mg/kg dry	0.0204	95	1	05/19/09
Carbon Disulfide	ND	mg/kg dry	0.0102	500	1	05/19/09
Carbon Tetrachloride	ND	mg/kg dry	0.0102	4.7	1	05/19/09
Chlorobenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
Chloroethane	ND	mg/kg dry	0.0204		1	05/19/09
Chloroform	ND	mg/kg dry	0.0102	100	1	05/19/09
Chloromethane	ND	mg/kg dry	0.0204	47	1	05/19/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.0102	500	1	05/19/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.0102	3.4	1	05/19/09
Dibromochloromethane	ND	mg/kg dry	0.0102	7.3	1	05/19/09
Dibromomethane	ND	mg/kg dry	0.0102		1	05/19/09
Dichlorodifluoromethane	ND	mg/kg dry	0.0204		1	05/19/09
Diethyl Ether	ND	mg/kg dry	0.0102		1	05/19/09
Di-isopropyl ether	ND	mg/kg dry	0.0102		1	05/19/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.0102		1	05/19/09
Ethylbenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
Hexachlorobutadiene	ND	mg/kg dry	0.0102	7.9	1	05/19/09
Isopropylbenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.0102	500	1	05/19/09
Methylene Chloride	ND	mg/kg dry	0.0510	82	1	05/19/09
Naphthalene	ND	mg/kg dry	0.0102	1000	1	05/19/09
n-Butylbenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
n-Propylbenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
sec-Butylbenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
Styrene	ND	mg/kg dry	0.0102	500	1	05/19/09
tert-Butylbenzene	ND	mg/kg dry	0.0102	500	1	05/19/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.0102		1	05/19/09
Tetrachloroethene	ND	mg/kg dry	0.0102	12	1	05/19/09
Tetrahydrofuran	ND	mg/kg dry	0.0102		1	05/19/09
Toluene	ND	mg/kg dry	0.0102	500	1	05/19/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.0102	500	1	05/19/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.0102	3.4	1	05/19/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	0.0102		1	05/19/09
Trichloroethene	ND	mg/kg dry	0.0102	56	1	05/19/09
Trichlorofluoromethane	ND	mg/kg dry	0.0102	500	1	05/19/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-33 6-7
Date Sampled: 05/18/09 12:55
Percent Solids: 79
Initial Volume: 3.1
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-07
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Vinyl Chloride	ND	mg/kg dry	0.0204	0.32	1	05/19/09
Xylene O	ND	mg/kg dry	0.0102	500	1	05/19/09
Xylene P,M	ND	mg/kg dry	0.0204	500	1	05/19/09
Xylenes (Total)	ND	mg/kg dry	0.0306	500	0	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*117 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*90 %*		*70-130*
Surrogate: Dibromofluoromethane	*108 %*		*70-130*
Surrogate: Toluene-d8	*106 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-33 6-7
Date Sampled: 05/18/09 12:55
Percent Solids: 79
Initial Volume: 14.5
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-07
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
2-Methylnaphthalene	ND	mg/kg dry	8.72	474	10	05/20/09
Acenaphthene	ND	mg/kg dry	8.72	1000	10	05/20/09
Acenaphthylene	ND	mg/kg dry	8.72	1000	10	05/20/09
Anthracene	**10.4**	mg/kg dry	8.72	1000	10	05/20/09
Benzo(a)anthracene	**82.3**	mg/kg dry	8.72	1	10	05/20/09
Benzo(a)pyrene	**89.1**	mg/kg dry	4.37	1	10	05/20/09
Benzo(b)fluoranthene	**99.2**	mg/kg dry	8.72	1	10	05/20/09
Benzo(g,h,i)perylene	**41.7**	mg/kg dry	8.72	1000	10	05/20/09
Benzo(k)fluoranthene	**56.0**	mg/kg dry	8.72	8.4	10	05/20/09
Chrysene	**68.7**	mg/kg dry	4.37	84	10	05/20/09
Dibenzo(a,h)Anthracene	**15.1**	mg/kg dry	4.37	0.33	10	05/20/09
Fluoranthene	**124**	mg/kg dry	8.72	1000	10	05/20/09
Fluorene	ND	mg/kg dry	8.72	1000	10	05/20/09
Indeno(1,2,3-cd)Pyrene	**48.3**	mg/kg dry	8.72	1	10	05/20/09
Naphthalene	ND	mg/kg dry	8.72	1000	10	05/20/09
Phenanthrene	**16.9**	mg/kg dry	8.72	1000	10	05/20/09
Pyrene	**110**	mg/kg dry	8.72	1000	10	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4	*113 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*105 %*		*30-130*
Surrogate: Nitrobenzene-d5	*105 %*		*30-130*
Surrogate: p-Terphenyl-d14	*115 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-33 6-7
Date Sampled: 05/18/09 12:55
Percent Solids: 79

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-07
Sample Matrix: Soil

Classical Chemistry

					CT - RES DEC			
Analyte	**Results**	**Units**	**MRL**	**Method**	**Limit**	**DF**	**Analyst**	**Analyzed**
Total Cyanide	**62.2**	mg/kg dry	30.5	9014	1400	10	EEM	05/19/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-33 6-7
Date Sampled: 05/18/09 12:55
Percent Solids: 79
Initial Volume: 20.7
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-07
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	**1540**	mg/kg dry	122	500	5	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*77 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-34 6-7
Date Sampled: 05/18/09 13:05
Percent Solids: 75

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-08
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	7.5	6010B	27	1	SVD	05/20/09	1.77	100
Arsenic	**7.3**	mg/kg dry	3.8	6010B	10	1	SVD	05/20/09	1.77	100
Beryllium	ND	mg/kg dry	0.08	6010B	2	1	SVD	05/20/09	1.77	100
Cadmium	ND	mg/kg dry	0.76	6010B	34	1	SVD	05/20/09	1.77	100
Chromium	**5.6**	mg/kg dry	1.5	6010B	3900	1	SVD	05/20/09	1.77	100
Copper	**9.8**	mg/kg dry	1.5	6010B	2500	1	SVD	05/20/09	1.77	100
Lead	**25.2**	mg/kg dry	7.5	6010B	400	1	SVD	05/20/09	1.77	100
Mercury	**0.150**	mg/kg dry	0.044	7471A	20	1	KAB	05/21/09	0.6	40
Nickel	**4.8**	mg/kg dry	3.8	6010B	1400	1	SVD	05/20/09	1.77	100
Selenium	ND	mg/kg dry	7.5	6010B	340	1	SVD	05/20/09	1.77	100
Silver	ND	mg/kg dry	0.76	6010B	340	1	SVD	05/20/09	1.77	100
Thallium	ND	mg/kg dry	1.86	7841	5.4	5	SVD	05/21/09	1.77	100
Zinc	**31.2**	mg/kg dry	3.8	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-34 6-7
Date Sampled: 05/18/09 13:05
Percent Solids: 75
Initial Volume: 3.5
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-08
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	0.0095	24	1	05/21/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.0095	500	1	05/21/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0095	3.1	1	05/21/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.0095		1	05/21/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.0095	11	1	05/21/09
1,1-Dichloroethane	ND	mg/kg dry	0.0095	500	1	05/21/09
1,1-Dichloroethene	ND	mg/kg dry	0.0095	1	1	05/21/09
1,1-Dichloropropene	ND	mg/kg dry	0.0095		1	05/21/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0095		1	05/21/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.0095		1	05/21/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0095	680	1	05/21/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.0095	0.44	1	05/21/09
1,2-Dibromoethane	ND	mg/kg dry	0.0095	0.007	1	05/21/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
1,2-Dichloroethane	ND	mg/kg dry	0.0095	6.7	1	05/21/09
1,2-Dichloropropane	ND	mg/kg dry	0.0095	9	1	05/21/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
1,3-Dichloropropane	ND	mg/kg dry	0.0095		1	05/21/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.0095	26	1	05/21/09
1,4-Dioxane	ND	mg/kg dry	0.190	0.2	1	05/21/09
2,2-Dichloropropane	ND	mg/kg dry	0.0095		1	05/21/09
2-Butanone	ND	mg/kg dry	0.0952	500	1	05/21/09
2-Chlorotoluene	ND	mg/kg dry	0.0095	500	1	05/21/09
2-Hexanone	ND	mg/kg dry	0.0952		1	05/21/09
4-Chlorotoluene	ND	mg/kg dry	0.0095	500	1	05/21/09
4-Isopropyltoluene	ND	mg/kg dry	0.0095	500	1	05/21/09
4-Methyl-2-Pentanone	ND	mg/kg dry	0.0952	500	1	05/21/09
Acetone	ND	mg/kg dry	0.0952	500	1	05/21/09
Acrylonitrile	ND	mg/kg dry	0.0095	1.1	1	05/21/09
Benzene	ND	mg/kg dry	0.0095	21	1	05/21/09
Bromobenzene	ND	mg/kg dry	0.0095		1	05/21/09
Bromochloromethane	ND	mg/kg dry	0.0095		1	05/21/09
Bromodichloromethane	ND	mg/kg dry	0.0095	9.9	1	05/21/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-34 6-7
Date Sampled: 05/18/09 13:05
Percent Solids: 75
Initial Volume: 3.5
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-08
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromoform	ND	mg/kg dry	0.0095	78	1	05/21/09
Bromomethane	ND	mg/kg dry	0.0190	95	1	05/21/09
Carbon Disulfide	ND	mg/kg dry	0.0095	500	1	05/21/09
Carbon Tetrachloride	ND	mg/kg dry	0.0095	4.7	1	05/21/09
Chlorobenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
Chloroethane	ND	mg/kg dry	0.0190		1	05/21/09
Chloroform	ND	mg/kg dry	0.0095	100	1	05/21/09
Chloromethane	ND	mg/kg dry	0.0190	47	1	05/21/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.0095	500	1	05/21/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.0095	3.4	1	05/21/09
Dibromochloromethane	ND	mg/kg dry	0.0095	7.3	1	05/21/09
Dibromomethane	ND	mg/kg dry	0.0095		1	05/21/09
Dichlorodifluoromethane	ND	mg/kg dry	0.0190		1	05/21/09
Diethyl Ether	ND	mg/kg dry	0.0095		1	05/21/09
Di-isopropyl ether	ND	mg/kg dry	0.0095		1	05/21/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.0095		1	05/21/09
Ethylbenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
Hexachlorobutadiene	ND	mg/kg dry	0.0095	7.9	1	05/21/09
Isopropylbenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.0095	500	1	05/21/09
Methylene Chloride	ND	mg/kg dry	0.0476	82	1	05/21/09
Naphthalene	ND	mg/kg dry	0.0095	1000	1	05/21/09
n-Butylbenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
n-Propylbenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
sec-Butylbenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
Styrene	ND	mg/kg dry	0.0095	500	1	05/21/09
tert-Butylbenzene	ND	mg/kg dry	0.0095	500	1	05/21/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.0095		1	05/21/09
Tetrachloroethene	ND	mg/kg dry	0.0095	12	1	05/21/09
Tetrahydrofuran	ND	mg/kg dry	0.0095		1	05/21/09
Toluene	ND	mg/kg dry	0.0095	500	1	05/21/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.0095	500	1	05/21/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.0095	3.4	1	05/21/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	0.0095		1	05/21/09
Trichloroethene	ND	mg/kg dry	0.0095	56	1	05/21/09
Trichlorofluoromethane	ND	mg/kg dry	0.0095	500	1	05/21/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-34 6-7
Date Sampled: 05/18/09 13:05
Percent Solids: 75
Initial Volume: 3.5
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-08
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Vinyl Chloride	ND	mg/kg dry	0.0190	0.32	1	05/21/09
Xylene O	ND	mg/kg dry	0.0095	500	1	05/21/09
Xylene P,M	ND	mg/kg dry	0.0190	500	1	05/21/09
Xylenes (Total)	ND	mg/kg dry	0.0286	500	0	05/21/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*101 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*89 %*		*70-130*
Surrogate: Dibromofluoromethane	*99 %*		*70-130*
Surrogate: Toluene-d8	*103 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-34 6-7
Date Sampled: 05/18/09 13:05
Percent Solids: 75
Initial Volume: 14.7
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-08
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	9.06	474	10	05/20/09
Acenaphthene	ND	mg/kg dry	9.06	1000	10	05/20/09
Acenaphthylene	**9.45**	mg/kg dry	9.06	1000	10	05/20/09
Anthracene	**54.0**	mg/kg dry	9.06	1000	10	05/20/09
Benzo(a)anthracene	**465**	mg/kg dry	45.3	1	50	05/20/09
Benzo(a)pyrene	**429**	mg/kg dry	22.7	1	50	05/20/09
Benzo(b)fluoranthene	**438**	mg/kg dry	45.3	1	50	05/20/09
Benzo(g,h,i)perylene	**312**	mg/kg dry	45.3	1000	50	05/20/09
Benzo(k)fluoranthene	**268**	mg/kg dry	45.3	8.4	50	05/20/09
Chrysene	**362**	mg/kg dry	22.7	84	50	05/20/09
Dibenzo(a,h)Anthracene	**59.5**	mg/kg dry	4.54	0.33	10	05/20/09
Fluoranthene	**751**	mg/kg dry	45.3	1000	50	05/20/09
Fluorene	ND	mg/kg dry	9.06	1000	10	05/20/09
Indeno(1,2,3-cd)Pyrene	**318**	mg/kg dry	45.3	1	50	05/20/09
Naphthalene	ND	mg/kg dry	9.06	1000	10	05/20/09
Phenanthrene	**37.2**	mg/kg dry	9.06	1000	10	05/20/09
Pyrene	**762**	mg/kg dry	45.3	1000	50	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*111 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*95 %*		*30-130*
Surrogate: Nitrobenzene-d5	*94 %*		*30-130*
Surrogate: p-Terphenyl-d14	*146 %*	*S+*	*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-34 6-7
Date Sampled: 05/18/09 13:05
Percent Solids: 75

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-08
Sample Matrix: Soil

Classical Chemistry

					CT - RES DEC			
Analyte	**Results**	**Units**	**MRL**	**Method**	**Limit**	**DF**	**Analyst**	**Analyzed**
Total Cyanide	**58.6**	mg/kg dry	31.4	9014	1400	10	EEM	05/19/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-34 6-7
Date Sampled: 05/18/09 13:05
Percent Solids: 75
Initial Volume: 20.6
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-08
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	**5130**	mg/kg dry	259	500	10	05/21/09

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

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-31 Comp
Date Sampled: 05/18/09 13:15
Percent Solids: 95

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-09
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	5.9	6010B	27	1	SVD	05/20/09	1.78	100
Arsenic	**7.2**	mg/kg dry	3.0	6010B	10	1	SVD	05/20/09	1.78	100
Beryllium	**0.19**	mg/kg dry	0.06	6010B	2	1	SVD	05/20/09	1.78	100
Cadmium	ND	mg/kg dry	0.59	6010B	34	1	SVD	05/20/09	1.78	100
Chromium	**9.7**	mg/kg dry	1.2	6010B	3900	1	SVD	05/20/09	1.78	100
Copper	**8.6**	mg/kg dry	1.2	6010B	2500	1	SVD	05/20/09	1.78	100
Lead	**8.9**	mg/kg dry	5.9	6010B	400	1	SVD	05/20/09	1.78	100
Mercury	ND	mg/kg dry	0.034	7471A	20	1	KAB	05/21/09	0.62	40
Nickel	**7.7**	mg/kg dry	3.0	6010B	1400	1	SVD	05/20/09	1.78	100
Selenium	ND	mg/kg dry	5.9	6010B	340	1	SVD	05/20/09	1.78	100
Silver	ND	mg/kg dry	0.59	6010B	340	1	SVD	05/20/09	1.78	100
Thallium	ND	mg/kg dry	1.46	7841	5.4	5	SVD	05/21/09	1.78	100
Zinc	**11.6**	mg/kg dry	3.0	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-31 Comp
Date Sampled: 05/18/09 13:15
Percent Solids: 95
Initial Volume: 14.8
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-09
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.355	474	1	05/19/09
Acenaphthene	ND	mg/kg dry	0.355	1000	1	05/19/09
Acenaphthylene	ND	mg/kg dry	0.355	1000	1	05/19/09
Anthracene	ND	mg/kg dry	0.355	1000	1	05/19/09
Benzo(a)anthracene	ND	mg/kg dry	0.355	1	1	05/19/09
Benzo(a)pyrene	ND	mg/kg dry	0.178	1	1	05/19/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.355	1	1	05/19/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.355	1000	1	05/19/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.355	8.4	1	05/19/09
Chrysene	ND	mg/kg dry	0.178	84	1	05/19/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.178	0.33	1	05/19/09
Fluoranthene	ND	mg/kg dry	0.355	1000	1	05/19/09
Fluorene	ND	mg/kg dry	0.355	1000	1	05/19/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.355	1	1	05/19/09
Naphthalene	ND	mg/kg dry	0.355	1000	1	05/19/09
Phenanthrene	ND	mg/kg dry	0.355	1000	1	05/19/09
Pyrene	ND	mg/kg dry	0.355	1000	1	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*54 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*51 %*		*30-130*
Surrogate: Nitrobenzene-d5	*52 %*		*30-130*
Surrogate: p-Terphenyl-d14	*94 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-31 Comp
Date Sampled: 05/18/09 13:15
Percent Solids: 95
Initial Volume: 19.3
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-09
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	21.8	500	1	05/20/09

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*95 %*		*50-150*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-02 8
Date Sampled: 05/18/09 10:00
Percent Solids: 85

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-10
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	1.8	100
Arsenic	**5.5**	mg/kg dry	3.3	6010B	10	1	SVD	05/20/09	1.8	100
Beryllium	**0.21**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.8	100
Cadmium	ND	mg/kg dry	0.66	6010B	34	1	SVD	05/20/09	1.8	100
Chromium	**19.0**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.8	100
Copper	**9.0**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.8	100
Lead	ND	mg/kg dry	6.5	6010B	400	1	SVD	05/20/09	1.8	100
Mercury	ND	mg/kg dry	0.039	7471A	20	1	KAB	05/21/09	0.6	40
Nickel	**14.0**	mg/kg dry	3.3	6010B	1400	1	SVD	05/20/09	1.8	100
Selenium	ND	mg/kg dry	6.5	6010B	340	1	SVD	05/20/09	1.8	100
Silver	ND	mg/kg dry	0.66	6010B	340	1	SVD	05/20/09	1.8	100
Thallium	ND	mg/kg dry	1.62	7841	5.4	5	SVD	05/21/09	1.8	100
Zinc	**12.4**	mg/kg dry	3.3	6010B	20000	1	SVD	05/20/09	1.8	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-02 8
Date Sampled: 05/18/09 10:00
Percent Solids: 85
Initial Volume: 3.5
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-10
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	0.522	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.261	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.261	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.261		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.261	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg dry	0.261	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg dry	0.261	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg dry	0.261		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.261		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.261		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.261	680	1	05/20/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.261	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	1.57	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg dry	0.261	0.007	1	05/20/09
1,2-Dichlorobenzene	**0.303**	mg/kg dry	0.261	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg dry	0.261	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg dry	0.261	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.261	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.261	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg dry	0.261		1	05/20/09
1,4-Dichlorobenzene	**1.06**	mg/kg dry	0.261	26	1	05/20/09
1,4-Dioxane - Screen	ND	mg/kg dry	26.1		1	05/20/09
2,2-Dichloropropane	ND	mg/kg dry	0.522		1	05/20/09
2-Butanone	ND	mg/kg dry	6.52	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg dry	0.261	500	1	05/20/09
2-Hexanone	ND	mg/kg dry	2.61		1	05/20/09
4-Chlorotoluene	ND	mg/kg dry	0.261	500	1	05/20/09
4-Isopropyltoluene	**2.07**	mg/kg dry	0.261	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg dry	2.61	500	1	05/20/09
Acetone	ND	mg/kg dry	6.52	500	1	05/20/09
Acrylonitrile	ND	mg/kg dry	2.09	1.1	1	05/20/09
Benzene	ND	mg/kg dry	0.261	21	1	05/20/09
Bromobenzene	ND	mg/kg dry	0.261		1	05/20/09
Bromochloromethane	ND	mg/kg dry	0.261		1	05/20/09
Bromodichloromethane	ND	mg/kg dry	0.261	9.9	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-02 8
Date Sampled: 05/18/09 10:00
Percent Solids: 85
Initial Volume: 3.5
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-10
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Bromoform	ND	mg/kg dry	0.261	78	1	05/20/09
Bromomethane	ND	mg/kg dry	0.522	95	1	05/20/09
Carbon Disulfide	ND	mg/kg dry	0.261	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg dry	0.261	4.7	1	05/20/09
Chlorobenzene	**1.33**	mg/kg dry	0.261	500	1	05/20/09
Chloroethane	ND	mg/kg dry	0.522		1	05/20/09
Chloroform	ND	mg/kg dry	0.261	100	1	05/20/09
Chloromethane	ND	mg/kg dry	0.522	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.261	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.261	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg dry	0.261	7.3	1	05/20/09
Dibromomethane	ND	mg/kg dry	0.261		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg dry	0.261		1	05/20/09
Diethyl Ether	ND	mg/kg dry	0.261		1	05/20/09
Di-isopropyl ether	ND	mg/kg dry	0.261		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.261		1	05/20/09
Ethylbenzene	**3.21**	mg/kg dry	0.261	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg dry	0.261	7.9	1	05/20/09
Isopropylbenzene	**2.19**	mg/kg dry	0.261	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.261	500	1	05/20/09
Methylene Chloride	ND	mg/kg dry	1.30	82	1	05/20/09
Naphthalene	**61.6**	mg/kg dry	2.61	1000	10	05/21/09
n-Butylbenzene	**5.19**	mg/kg dry	0.261	500	1	05/20/09
n-Propylbenzene	**3.58**	mg/kg dry	0.261	500	1	05/20/09
sec-Butylbenzene	**2.54**	mg/kg dry	0.261	500	1	05/20/09
Styrene	ND	mg/kg dry	0.261	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg dry	0.261	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.261		1	05/20/09
Tetrachloroethene	ND	mg/kg dry	0.261	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg dry	2.61		1	05/20/09
Toluene	ND	mg/kg dry	0.261	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.261	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.261	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	2.61		1	05/20/09
Trichloroethene	ND	mg/kg dry	0.261	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg dry	0.261	500	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-02 8
Date Sampled: 05/18/09 10:00
Percent Solids: 85
Initial Volume: 3.5
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-10
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Vinyl Chloride	ND	mg/kg dry	0.261	0.32	1	05/20/09
Xylene O	**0.313**	mg/kg dry	0.261	500	1	05/20/09
Xylene P,M	ND	mg/kg dry	0.522	500	1	05/20/09
Xylenes (Total)	ND	mg/kg dry	0.783	500	1	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*95 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*103 %*		*70-130*
Surrogate: Toluene-d8	*101 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-02 8
Date Sampled: 05/18/09 10:00
Percent Solids: 85
Initial Volume: 14.2
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-10
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	33.1	474	10	05/20/09
Acenaphthene	ND	mg/kg dry	33.1	1000	10	05/20/09
Acenaphthylene	ND	mg/kg dry	33.1	1000	10	05/20/09
Anthracene	ND	mg/kg dry	33.1	1000	10	05/20/09
Benzo(a)anthracene	ND	mg/kg dry	33.1	1	10	05/20/09
Benzo(a)pyrene	ND	mg/kg dry	16.6	1	10	05/20/09
Benzo(b)fluoranthene	ND	mg/kg dry	33.1	1	10	05/20/09
Benzo(g,h,i)perylene	ND	mg/kg dry	33.1	1000	10	05/20/09
Benzo(k)fluoranthene	ND	mg/kg dry	33.1	8.4	10	05/20/09
Chrysene	ND	mg/kg dry	16.6	84	10	05/20/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	16.6	0.33	10	05/20/09
Fluoranthene	ND	mg/kg dry	33.1	1000	10	05/20/09
Fluorene	ND	mg/kg dry	33.1	1000	10	05/20/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	33.1	1	10	05/20/09
Naphthalene	ND	mg/kg dry	33.1	1000	10	05/20/09
Phenanthrene	**36.5**	mg/kg dry	33.1	1000	10	05/20/09
Pyrene	**48.3**	mg/kg dry	33.1	1000	10	05/20/09

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

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-02 8
Date Sampled: 05/18/09 10:00
Percent Solids: 85
Initial Volume: 19.9
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-10
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	**40400**	mg/kg dry	946	500	10	05/20/09

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

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-004 8
Date Sampled: 05/18/09 12:00
Percent Solids: 86

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-11
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	6.3	6010B	27	1	SVD	05/20/09	1.85	100
Arsenic	**4.9**	mg/kg dry	3.1	6010B	10	1	SVD	05/20/09	1.85	100
Beryllium	**0.20**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.85	100
Cadmium	ND	mg/kg dry	0.63	6010B	34	1	SVD	05/20/09	1.85	100
Chromium	**18.3**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.85	100
Copper	**10.5**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.85	100
Lead	**10.8**	mg/kg dry	6.3	6010B	400	1	SVD	05/20/09	1.85	100
Mercury	ND	mg/kg dry	0.036	7471A	20	1	KAB	05/21/09	0.64	40
Nickel	**12.4**	mg/kg dry	3.1	6010B	1400	1	SVD	05/20/09	1.85	100
Selenium	ND	mg/kg dry	6.3	6010B	340	1	SVD	05/20/09	1.85	100
Silver	ND	mg/kg dry	0.63	6010B	340	1	SVD	05/20/09	1.85	100
Thallium	ND	mg/kg dry	1.56	7841	5.4	5	SVD	05/21/09	1.85	100
Zinc	**16.9**	mg/kg dry	3.1	6010B	20000	1	SVD	05/20/09	1.85	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-004 8
Date Sampled: 05/18/09 12:00
Percent Solids: 86
Initial Volume: 5.2
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-11
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	mg/kg dry	0.0056	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.0056	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0056	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.0056		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.0056	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg dry	0.0056	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg dry	0.0056	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg dry	0.0056		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0056		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.0056		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0056	680	1	05/20/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.0056	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg dry	0.0056	0.007	1	05/20/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg dry	0.0056	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg dry	0.0056	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg dry	0.0056		1	05/20/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.0056	26	1	05/20/09
1,4-Dioxane	ND	mg/kg dry	0.112	0.2	1	05/20/09
2,2-Dichloropropane	ND	mg/kg dry	0.0056		1	05/20/09
2-Butanone	ND	mg/kg dry	0.0559	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg dry	0.0056	500	1	05/20/09
2-Hexanone	ND	mg/kg dry	0.0559		1	05/20/09
4-Chlorotoluene	ND	mg/kg dry	0.0056	500	1	05/20/09
4-Isopropyltoluene	ND	mg/kg dry	0.0056	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg dry	0.0559	500	1	05/20/09
Acetone	ND	mg/kg dry	0.0559	500	1	05/20/09
Acrylonitrile	ND	mg/kg dry	0.0056	1.1	1	05/20/09
Benzene	ND	mg/kg dry	0.0056	21	1	05/20/09
Bromobenzene	ND	mg/kg dry	0.0056		1	05/20/09
Bromochloromethane	ND	mg/kg dry	0.0056		1	05/20/09
Bromodichloromethane	ND	mg/kg dry	0.0056	9.9	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-004 8
Date Sampled: 05/18/09 12:00
Percent Solids: 86
Initial Volume: 5.2
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-11
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromoform	ND	mg/kg dry	0.0056	78	1	05/20/09
Bromomethane	ND	mg/kg dry	0.0112	95	1	05/20/09
Carbon Disulfide	ND	mg/kg dry	0.0056	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg dry	0.0056	4.7	1	05/20/09
Chlorobenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
Chloroethane	ND	mg/kg dry	0.0112		1	05/20/09
Chloroform	ND	mg/kg dry	0.0056	100	1	05/20/09
Chloromethane	ND	mg/kg dry	0.0112	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.0056	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.0056	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg dry	0.0056	7.3	1	05/20/09
Dibromomethane	ND	mg/kg dry	0.0056		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg dry	0.0112		1	05/20/09
Diethyl Ether	ND	mg/kg dry	0.0056		1	05/20/09
Di-isopropyl ether	ND	mg/kg dry	0.0056		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.0056		1	05/20/09
Ethylbenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg dry	0.0056	7.9	1	05/20/09
Isopropylbenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.0056	500	1	05/20/09
Methylene Chloride	ND	mg/kg dry	0.0280	82	1	05/20/09
Naphthalene	ND	mg/kg dry	0.0056	1000	1	05/20/09
n-Butylbenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
n-Propylbenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
sec-Butylbenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
Styrene	ND	mg/kg dry	0.0056	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg dry	0.0056	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.0056		1	05/20/09
Tetrachloroethene	ND	mg/kg dry	0.0056	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg dry	0.0056		1	05/20/09
Toluene	ND	mg/kg dry	0.0056	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.0056	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.0056	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	0.0056		1	05/20/09
Trichloroethene	ND	mg/kg dry	0.0056	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg dry	0.0056	500	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-004 8
Date Sampled: 05/18/09 12:00
Percent Solids: 86
Initial Volume: 5.2
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-11
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Vinyl Chloride	ND	mg/kg dry	0.0112	0.32	1	05/20/09
Xylene O	ND	mg/kg dry	0.0056	500	1	05/20/09
Xylene P,M	ND	mg/kg dry	0.0112	500	1	05/20/09
Xylenes (Total)	ND	mg/kg dry	0.0168	500	0	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*92 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*100 %*		*70-130*
Surrogate: Dibromofluoromethane	*90 %*		*70-130*
Surrogate: Toluene-d8	*106 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-004 8
Date Sampled: 05/18/09 12:00
Percent Solids: 86
Initial Volume: 15.3
Final Volume: 2
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-11
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	15.2	474	10	05/20/09
Acenaphthene	ND	mg/kg dry	15.2	1000	10	05/20/09
Acenaphthylene	ND	mg/kg dry	15.2	1000	10	05/20/09
Anthracene	ND	mg/kg dry	15.2	1000	10	05/20/09
Benzo(a)anthracene	ND	mg/kg dry	15.2	1	10	05/20/09
Benzo(a)pyrene	ND	mg/kg dry	7.62	1	10	05/20/09
Benzo(b)fluoranthene	ND	mg/kg dry	15.2	1	10	05/20/09
Benzo(g,h,i)perylene	ND	mg/kg dry	15.2	1000	10	05/20/09
Benzo(k)fluoranthene	ND	mg/kg dry	15.2	8.4	10	05/20/09
Chrysene	ND	mg/kg dry	7.62	84	10	05/20/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	7.62	0.33	10	05/20/09
Fluoranthene	ND	mg/kg dry	15.2	1000	10	05/20/09
Fluorene	ND	mg/kg dry	15.2	1000	10	05/20/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	15.2	1	10	05/20/09
Naphthalene	ND	mg/kg dry	15.2	1000	10	05/20/09
Phenanthrene	ND	mg/kg dry	15.2	1000	10	05/20/09
Pyrene	ND	mg/kg dry	15.2	1000	10	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*117 %*	*SD*	*30-130*
Surrogate: 2-Fluorobiphenyl	*%*	*SD*	*30-130*
Surrogate: Nitrobenzene-d5	*%*	*SD*	*30-130*
Surrogate: p-Terphenyl-d14	*104 %*	*SD*	*30-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-004 8
Date Sampled: 05/18/09 12:00
Percent Solids: 86
Initial Volume: 19.5
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-11
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	**17800**	mg/kg dry	239	500	10	05/20/09

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

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-04 8
Date Sampled: 05/18/09 12:00
Percent Solids: 87

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-12
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	1.8	100
Arsenic	**6.2**	mg/kg dry	3.2	6010B	10	1	SVD	05/20/09	1.8	100
Beryllium	**0.20**	mg/kg dry	0.07	6010B	2	1	SVD	05/20/09	1.8	100
Cadmium	ND	mg/kg dry	0.64	6010B	34	1	SVD	05/20/09	1.8	100
Chromium	**13.7**	mg/kg dry	1.3	6010B	3900	1	SVD	05/20/09	1.8	100
Copper	**11.4**	mg/kg dry	1.3	6010B	2500	1	SVD	05/20/09	1.8	100
Lead	**12.5**	mg/kg dry	6.4	6010B	400	1	SVD	05/20/09	1.8	100
Mercury	ND	mg/kg dry	0.038	7471A	20	1	KAB	05/21/09	0.6	40
Nickel	**11.1**	mg/kg dry	3.2	6010B	1400	1	SVD	05/20/09	1.8	100
Selenium	ND	mg/kg dry	6.4	6010B	340	1	SVD	05/20/09	1.8	100
Silver	ND	mg/kg dry	0.64	6010B	340	1	SVD	05/20/09	1.8	100
Thallium	ND	mg/kg dry	1.58	7841	5.4	5	SVD	05/21/09	1.8	100
Zinc	**16.6**	mg/kg dry	3.2	6010B	20000	1	SVD	05/20/09	1.8	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-04 8
Date Sampled: 05/18/09 12:00
Percent Solids: 87
Initial Volume: 5.8
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-12
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
1,1,1,2-Tetrachloroethane	ND	mg/kg dry	0.0050	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.0050	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0050	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.0050		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.0050	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg dry	0.0050	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg dry	0.0050	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg dry	0.0050		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0050		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.0050		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0050	680	1	05/20/09
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.0050	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg dry	0.0050	0.007	1	05/20/09
1,2-Dichlorobenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg dry	0.0050	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg dry	0.0050	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg dry	0.0050		1	05/20/09
1,4-Dichlorobenzene	ND	mg/kg dry	0.0050	26	1	05/20/09
1,4-Dioxane	ND	mg/kg dry	0.0991	0.2	1	05/20/09
2,2-Dichloropropane	ND	mg/kg dry	0.0050		1	05/20/09
2-Butanone	ND	mg/kg dry	0.0495	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg dry	0.0050	500	1	05/20/09
2-Hexanone	ND	mg/kg dry	0.0495		1	05/20/09
4-Chlorotoluene	ND	mg/kg dry	0.0050	500	1	05/20/09
4-Isopropyltoluene	ND	mg/kg dry	0.0050	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg dry	0.0495	500	1	05/20/09
Acetone	ND	mg/kg dry	0.0495	500	1	05/20/09
Acrylonitrile	ND	mg/kg dry	0.0050	1.1	1	05/20/09
Benzene	ND	mg/kg dry	0.0050	21	1	05/20/09
Bromobenzene	ND	mg/kg dry	0.0050		1	05/20/09
Bromochloromethane	ND	mg/kg dry	0.0050		1	05/20/09
Bromodichloromethane	ND	mg/kg dry	0.0050	9.9	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-04 8
Date Sampled: 05/18/09 12:00
Percent Solids: 87
Initial Volume: 5.8
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-12
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Bromoform	ND	mg/kg dry	0.0050	78	1	05/20/09
Bromomethane	ND	mg/kg dry	0.0099	95	1	05/20/09
Carbon Disulfide	ND	mg/kg dry	0.0050	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg dry	0.0050	4.7	1	05/20/09
Chlorobenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
Chloroethane	ND	mg/kg dry	0.0099		1	05/20/09
Chloroform	ND	mg/kg dry	0.0050	100	1	05/20/09
Chloromethane	ND	mg/kg dry	0.0099	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.0050	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.0050	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg dry	0.0050	7.3	1	05/20/09
Dibromomethane	ND	mg/kg dry	0.0050		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg dry	0.0099		1	05/20/09
Diethyl Ether	ND	mg/kg dry	0.0050		1	05/20/09
Di-isopropyl ether	ND	mg/kg dry	0.0050		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.0050		1	05/20/09
Ethylbenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg dry	0.0050	7.9	1	05/20/09
Isopropylbenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.0050	500	1	05/20/09
Methylene Chloride	ND	mg/kg dry	0.0248	82	1	05/20/09
Naphthalene	ND	mg/kg dry	0.0050	1000	1	05/20/09
n-Butylbenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
n-Propylbenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
sec-Butylbenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
Styrene	ND	mg/kg dry	0.0050	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg dry	0.0050	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.0050		1	05/20/09
Tetrachloroethene	ND	mg/kg dry	0.0050	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg dry	0.0050		1	05/20/09
Toluene	ND	mg/kg dry	0.0050	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.0050	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.0050	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	0.0050		1	05/20/09
Trichloroethene	ND	mg/kg dry	0.0050	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg dry	0.0050	500	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-04 8
Date Sampled: 05/18/09 12:00
Percent Solids: 87
Initial Volume: 5.8
Final Volume: 10
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-12
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Low Level

Vinyl Chloride	ND	mg/kg dry	0.0099	0.32	1	05/20/09
Xylene O	ND	mg/kg dry	0.0050	500	1	05/20/09
Xylene P,M	ND	mg/kg dry	0.0099	500	1	05/20/09
Xylenes (Total)	ND	mg/kg dry	0.0149	500	0	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*90 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*96 %*		*70-130*
Surrogate: Dibromofluoromethane	*93 %*		*70-130*
Surrogate: Toluene-d8	*112 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-04 8
Date Sampled: 05/18/09 12:00
Percent Solids: 87
Initial Volume: 15.2
Final Volume: 2
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-12
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

CT - RES DEC

Analyte	Results	Units	MRL	Limit	DF	Analyzed
2-Methylnaphthalene	ND	mg/kg dry	15.1	474	10	05/20/09
Acenaphthene	ND	mg/kg dry	15.1	1000	10	05/20/09
Acenaphthylene	ND	mg/kg dry	15.1	1000	10	05/20/09
Anthracene	ND	mg/kg dry	15.1	1000	10	05/20/09
Benzo(a)anthracene	ND	mg/kg dry	15.1	1	10	05/20/09
Benzo(a)pyrene	ND	mg/kg dry	7.58	1	10	05/20/09
Benzo(b)fluoranthene	ND	mg/kg dry	15.1	1	10	05/20/09
Benzo(g,h,i)perylene	ND	mg/kg dry	15.1	1000	10	05/20/09
Benzo(k)fluoranthene	ND	mg/kg dry	15.1	8.4	10	05/20/09
Chrysene	ND	mg/kg dry	7.58	84	10	05/20/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	7.58	0.33	10	05/20/09
Fluoranthene	ND	mg/kg dry	15.1	1000	10	05/20/09
Fluorene	ND	mg/kg dry	15.1	1000	10	05/20/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	15.1	1	10	05/20/09
Naphthalene	ND	mg/kg dry	15.1	1000	10	05/20/09
Phenanthrene	ND	mg/kg dry	15.1	1000	10	05/20/09
Pyrene	ND	mg/kg dry	15.1	1000	10	05/20/09

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

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-04 8
Date Sampled: 05/18/09 12:00
Percent Solids: 87
Initial Volume: 20.4
Final Volume: 1
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-12
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	**4570**	mg/kg dry	225		500	10	05/20/09

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

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-06 12
Date Sampled: 05/18/09 14:30
Percent Solids: 87
Initial Volume: 5.6
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-13
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	0.323	24	1	05/20/09
1,1,1-Trichloroethane	ND	mg/kg dry	0.161	500	1	05/20/09
1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.161	3.1	1	05/20/09
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg dry	0.161		1	05/20/09
1,1,2-Trichloroethane	ND	mg/kg dry	0.161	11	1	05/20/09
1,1-Dichloroethane	ND	mg/kg dry	0.161	500	1	05/20/09
1,1-Dichloroethene	ND	mg/kg dry	0.161	1	1	05/20/09
1,1-Dichloropropene	ND	mg/kg dry	0.161		1	05/20/09
1,2,3-Trichlorobenzene	ND	mg/kg dry	0.161		1	05/20/09
1,2,3-Trichloropropane	ND	mg/kg dry	0.161		1	05/20/09
1,2,4-Trichlorobenzene	ND	mg/kg dry	0.161	680	1	05/20/09
1,2,4-Trimethylbenzene	**0.274**	mg/kg dry	0.161	500	1	05/20/09
1,2-Dibromo-3-Chloropropane	ND	mg/kg dry	0.968	0.44	1	05/20/09
1,2-Dibromoethane	ND	mg/kg dry	0.161	0.007	1	05/20/09
1,2-Dichlorobenzene	**0.210**	mg/kg dry	0.161	500	1	05/20/09
1,2-Dichloroethane	ND	mg/kg dry	0.161	6.7	1	05/20/09
1,2-Dichloropropane	ND	mg/kg dry	0.161	9	1	05/20/09
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.161	500	1	05/20/09
1,3-Dichlorobenzene	ND	mg/kg dry	0.161	500	1	05/20/09
1,3-Dichloropropane	ND	mg/kg dry	0.161		1	05/20/09
1,4-Dichlorobenzene	**0.591**	mg/kg dry	0.161	26	1	05/20/09
1,4-Dioxane - Screen	ND	mg/kg dry	16.1		1	05/20/09
2,2-Dichloropropane	ND	mg/kg dry	0.323		1	05/20/09
2-Butanone	ND	mg/kg dry	4.04	500	1	05/20/09
2-Chlorotoluene	ND	mg/kg dry	0.161	500	1	05/20/09
2-Hexanone	ND	mg/kg dry	1.61		1	05/20/09
4-Chlorotoluene	ND	mg/kg dry	0.161	500	1	05/20/09
4-Isopropyltoluene	**0.907**	mg/kg dry	0.161	500	1	05/20/09
4-Methyl-2-Pentanone	ND	mg/kg dry	1.61	500	1	05/20/09
Acetone	ND	mg/kg dry	4.04	500	1	05/20/09
Acrylonitrile	ND	mg/kg dry	1.29	1.1	1	05/20/09
Benzene	ND	mg/kg dry	0.161	21	1	05/20/09
Bromobenzene	ND	mg/kg dry	0.161		1	05/20/09
Bromochloromethane	ND	mg/kg dry	0.161		1	05/20/09
Bromodichloromethane	ND	mg/kg dry	0.161	9.9	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-06 12
Date Sampled: 05/18/09 14:30
Percent Solids: 87
Initial Volume: 5.6
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-13
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Bromoform	ND	mg/kg dry	0.161	78	1	05/20/09
Bromomethane	ND	mg/kg dry	0.323	95	1	05/20/09
Carbon Disulfide	ND	mg/kg dry	0.161	500	1	05/20/09
Carbon Tetrachloride	ND	mg/kg dry	0.161	4.7	1	05/20/09
Chlorobenzene	**0.839**	mg/kg dry	0.161	500	1	05/20/09
Chloroethane	ND	mg/kg dry	0.323		1	05/20/09
Chloroform	ND	mg/kg dry	0.161	100	1	05/20/09
Chloromethane	ND	mg/kg dry	0.323	47	1	05/20/09
cis-1,2-Dichloroethene	ND	mg/kg dry	0.161	500	1	05/20/09
cis-1,3-Dichloropropene	ND	mg/kg dry	0.161	3.4	1	05/20/09
Dibromochloromethane	ND	mg/kg dry	0.161	7.3	1	05/20/09
Dibromomethane	ND	mg/kg dry	0.161		1	05/20/09
Dichlorodifluoromethane	ND	mg/kg dry	0.161		1	05/20/09
Diethyl Ether	ND	mg/kg dry	0.161		1	05/20/09
Di-isopropyl ether	ND	mg/kg dry	0.161		1	05/20/09
Ethyl tertiary-butyl ether	ND	mg/kg dry	0.161		1	05/20/09
Ethylbenzene	**2.27**	mg/kg dry	0.161	500	1	05/20/09
Hexachlorobutadiene	ND	mg/kg dry	0.161	7.9	1	05/20/09
Isopropylbenzene	**1.13**	mg/kg dry	0.161	500	1	05/20/09
Methyl tert-Butyl Ether	ND	mg/kg dry	0.161	500	1	05/20/09
Methylene Chloride	ND	mg/kg dry	0.807	82	1	05/20/09
Naphthalene	**30.3**	mg/kg dry	0.161	1000	1	05/20/09
n-Butylbenzene	**2.81**	mg/kg dry	0.161	500	1	05/20/09
n-Propylbenzene	**2.00**	mg/kg dry	0.161	500	1	05/20/09
sec-Butylbenzene	**1.34**	mg/kg dry	0.161	500	1	05/20/09
Styrene	ND	mg/kg dry	0.161	500	1	05/20/09
tert-Butylbenzene	ND	mg/kg dry	0.161	500	1	05/20/09
Tertiary-amyl methyl ether	ND	mg/kg dry	0.161		1	05/20/09
Tetrachloroethene	ND	mg/kg dry	0.161	12	1	05/20/09
Tetrahydrofuran	ND	mg/kg dry	1.61		1	05/20/09
Toluene	ND	mg/kg dry	0.161	500	1	05/20/09
trans-1,2-Dichloroethene	ND	mg/kg dry	0.161	500	1	05/20/09
trans-1,3-Dichloropropene	ND	mg/kg dry	0.161	3.4	1	05/20/09
Trans-1,4-Dichloro-2-Butene	ND	mg/kg dry	1.61		1	05/20/09
Trichloroethene	ND	mg/kg dry	0.161	56	1	05/20/09
Trichlorofluoromethane	ND	mg/kg dry	0.161	500	1	05/20/09

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-06 12
Date Sampled: 05/18/09 14:30
Percent Solids: 87
Initial Volume: 5.6
Final Volume: 15
Extraction Method: 5035

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-13
Sample Matrix: Soil
Analyst: MD

5035/8260B Volatile Organic Compounds / Methanol

Vinyl Chloride	ND	mg/kg dry	0.161	0.32	1	05/20/09
Xylene O	**0.345**	mg/kg dry	0.161	500	1	05/20/09
Xylene P,M	ND	mg/kg dry	0.323	500	1	05/20/09
Xylenes (Total)	ND	mg/kg dry	0.484	500	1	05/20/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*84 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*82 %*		*70-130*
Surrogate: Dibromofluoromethane	*93 %*		*70-130*
Surrogate: Toluene-d8	*91 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-06 12
Date Sampled: 05/18/09 14:30
Percent Solids: 87
Initial Volume: 21
Final Volume: 3
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-13
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	**22000**	mg/kg dry	657	500	10	05/20/09

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

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-06 6
Date Sampled: 05/18/09 14:30
Percent Solids: 90

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-14
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	05/19/09	1.83	100
Arsenic	**4.8**	mg/kg dry	3.0	6010B	10	1	SVD	05/19/09	1.83	100
Beryllium	**0.20**	mg/kg dry	0.06	6010B	2	1	SVD	05/19/09	1.83	100
Cadmium	ND	mg/kg dry	0.61	6010B	34	1	SVD	05/19/09	1.83	100
Chromium	**12.3**	mg/kg dry	1.2	6010B	3900	1	SVD	05/19/09	1.83	100
Copper	**9.9**	mg/kg dry	1.2	6010B	2500	1	SVD	05/19/09	1.83	100
Lead	**13.7**	mg/kg dry	6.1	6010B	400	1	SVD	05/19/09	1.83	100
Mercury	**0.036**	mg/kg dry	0.035	7471A	20	1	KAB	05/21/09	0.62	40
Nickel	**10.2**	mg/kg dry	3.0	6010B	1400	1	SVD	05/19/09	1.83	100
Selenium	ND	mg/kg dry	6.1	6010B	340	1	SVD	05/19/09	1.83	100
Silver	ND	mg/kg dry	0.61	6010B	340	1	SVD	05/19/09	1.83	100
Thallium	ND	mg/kg dry	1.50	7841	5.4	5	SVD	05/21/09	1.83	100
Zinc	**16.2**	mg/kg dry	3.0	6010B	20000	1	SVD	05/19/09	1.83	100

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill
Client Sample ID: TP-06 6
Date Sampled: 05/18/09 14:30
Percent Solids: 90
Initial Volume: 14.3
Final Volume: 0.5
Extraction Method: 3546

ESS Laboratory Work Order: 0905219
ESS Laboratory Sample ID: 0905219-14
Sample Matrix: Soil
Analyst: IBM
Prepared: 05/19/09

8270C Polynuclear Aromatic Hydrocarbons

				CT - RES DEC		
Analyte	**Results**	**Units**	**MRL**	**Limit**	**DF**	**Analyzed**
2-Methylnaphthalene	ND	mg/kg dry	0.388	474	1	05/19/09
Acenaphthene	ND	mg/kg dry	0.388	1000	1	05/19/09
Acenaphthylene	ND	mg/kg dry	0.388	1000	1	05/19/09
Anthracene	ND	mg/kg dry	0.388	1000	1	05/19/09
Benzo(a)anthracene	ND	mg/kg dry	0.388	1	1	05/19/09
Benzo(a)pyrene	ND	mg/kg dry	0.195	1	1	05/19/09
Benzo(b)fluoranthene	ND	mg/kg dry	0.388	1	1	05/19/09
Benzo(g,h,i)perylene	ND	mg/kg dry	0.388	1000	1	05/19/09
Benzo(k)fluoranthene	ND	mg/kg dry	0.388	8.4	1	05/19/09
Chrysene	ND	mg/kg dry	0.195	84	1	05/19/09
Dibenzo(a,h)Anthracene	ND	mg/kg dry	0.195	0.33	1	05/19/09
Fluoranthene	ND	mg/kg dry	0.388	1000	1	05/19/09
Fluorene	ND	mg/kg dry	0.388	1000	1	05/19/09
Indeno(1,2,3-cd)Pyrene	ND	mg/kg dry	0.388	1	1	05/19/09
Naphthalene	ND	mg/kg dry	0.388	1000	1	05/19/09
Phenanthrene	ND	mg/kg dry	0.388	1000	1	05/19/09
Pyrene	ND	mg/kg dry	0.388	1000	1	05/19/09

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichlorobenzene-d4	*64 %*		*30-130*
Surrogate: 2-Fluorobiphenyl	*78 %*		*30-130*
Surrogate: Nitrobenzene-d5	*70 %*		*30-130*
Surrogate: p-Terphenyl-d14	*93 %*		*30-130*

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BE91918 - 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	31.7	6.7	mg/kg wet	33.33		95	80-120			
Arsenic	32.7	3.3	mg/kg wet	33.33		98	80-120			
Beryllium	3.20	0.07	mg/kg wet	3.333		96	80-120			
Cadmium	15.2	0.67	mg/kg wet	16.67		91	80-120			
Chromium	32.3	1.3	mg/kg wet	33.33		97	80-120			
Copper	33.2	1.3	mg/kg wet	33.33		100	80-120			
Lead	31.9	6.7	mg/kg wet	33.33		96	80-120			
Nickel	32.3	3.3	mg/kg wet	33.33		97	80-120			
Selenium	61.4	6.7	mg/kg wet	66.67		92	80-120			
Silver	16.4	0.67	mg/kg wet	16.67		98	80-120			
Thallium	35.0	6.60	mg/kg wet	33.33		105	80-120			
Zinc	31.7	3.3	mg/kg wet	33.33		95	80-120			
LCS Dup										
Antimony	31.2	6.7	mg/kg wet	33.33		94	80-120	2	20	
Arsenic	32.7	3.3	mg/kg wet	33.33		98	80-120	0.005	20	
Beryllium	3.16	0.07	mg/kg wet	3.333		95	80-120	1	20	
Cadmium	15.0	0.67	mg/kg wet	16.67		90	80-120	1	20	
Chromium	32.0	1.3	mg/kg wet	33.33		96	80-120	0.9	20	
Copper	32.6	1.3	mg/kg wet	33.33		98	80-120	2	20	
Lead	31.4	6.7	mg/kg wet	33.33		94	80-120	1	20	
Nickel	31.9	3.3	mg/kg wet	33.33		96	80-120	1	20	
Selenium	60.7	6.7	mg/kg wet	66.67		91	80-120	1	20	
Silver	16.3	0.67	mg/kg wet	16.67		98	80-120	1	20	
Thallium	34.1	6.60	mg/kg wet	33.33		102	80-120	3	20	
Zinc	31.4	3.3	mg/kg wet	33.33		94	80-120	0.9	20	
Reference										
Antimony	78.1	10.0	mg/kg wet	127.0		62	0-210			
Arsenic	272	5.0	mg/kg wet	280.0		97	81-119			
Beryllium	48.9	0.10	mg/kg wet	51.00		96	83-117			
Cadmium	164	1.00	mg/kg wet	182.0		90	82-118			
Chromium	130	2.0	mg/kg wet	142.0		92	81-120			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BE91918 - 3050B										
Copper	129	2.0	mg/kg wet	132.0		98	83-117			
Lead	67.9	10.0	mg/kg wet	72.20		94	82-118			
Nickel	149	5.0	mg/kg wet	155.0		96	82-117			
Selenium	153	10.0	mg/kg wet	165.0		93	78-123			
Silver	127	1.00	mg/kg wet	126.0		101	66-134			
Thallium	216	24.8	mg/kg wet	184.0		118	77-122			
Zinc	309	5.0	mg/kg wet	346.0		89	79-121			
Batch BE91919 - 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	31.8	6.7	mg/kg wet	33.33		95	80-120			
Arsenic	33.0	3.3	mg/kg wet	33.33		99	80-120			
Beryllium	3.20	0.07	mg/kg wet	3.333		96	80-120			
Cadmium	15.2	0.67	mg/kg wet	16.67		91	80-120			
Chromium	32.3	1.3	mg/kg wet	33.33		97	80-120			
Copper	32.9	1.3	mg/kg wet	33.33		99	80-120			
Lead	32.1	6.7	mg/kg wet	33.33		96	80-120			
Nickel	32.4	3.3	mg/kg wet	33.33		97	80-120			
Selenium	61.4	6.7	mg/kg wet	66.67		92	80-120			
Silver	16.2	0.67	mg/kg wet	16.67		97	80-120			
Thallium	33.4	6.60	mg/kg wet	33.33		100	80-120			
Zinc	31.6	3.3	mg/kg wet	33.33		95	80-120			
LCS Dup										
Antimony	31.5	6.7	mg/kg wet	33.33		94	80-120	1	20	
Arsenic	32.2	3.3	mg/kg wet	33.33		97	80-120	2	20	
Beryllium	3.17	0.07	mg/kg wet	3.333		95	80-120	0.9	20	
Cadmium	15.1	0.67	mg/kg wet	16.67		90	80-120	1	20	
Chromium	32.0	1.3	mg/kg wet	33.33		96	80-120	1	20	
Copper	32.5	1.3	mg/kg wet	33.33		98	80-120	1	20	
Lead	31.8	6.7	mg/kg wet	33.33		95	80-120	1	20	
Nickel	32.1	3.3	mg/kg wet	33.33		96	80-120	0.9	20	
Selenium	60.2	6.7	mg/kg wet	66.67		90	80-120	2	20	
Silver	16.1	0.67	mg/kg wet	16.67		96	80-120	1	20	

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BE91919 - 3050B										
Thallium	33.6	6.60	mg/kg wet	33.33		101	80-120	0.8	20	
Zinc	31.3	3.3	mg/kg wet	33.33		94	80-120	0.8	20	
Duplicate **Source: 0905219-10**										
Antimony	ND	6.7	mg/kg dry		ND				35	
Arsenic	5.29	3.3	mg/kg dry		5.54			5	35	
Beryllium	0.207	0.07	mg/kg dry		0.215			4	35	
Cadmium	0.243	0.67	mg/kg dry		0.237			3	35	
Chromium	19.3	1.3	mg/kg dry		19.0			1	35	
Copper	8.75	1.3	mg/kg dry		8.99			3	35	
Lead	2.73	6.7	mg/kg dry		2.82			3	35	
Nickel	13.7	3.3	mg/kg dry		14.0			2	35	
Selenium	ND	6.7	mg/kg dry		1.92			200	35	
Silver	ND	0.67	mg/kg dry		ND				35	
Thallium	ND	1.65	mg/kg dry		ND				35	
Zinc	18.4	3.3	mg/kg dry		12.4			39	35	D+
Matrix Spike **Source: 0905219-10**										
Antimony	14.2	6.6	mg/kg dry	32.86	ND	43	75-125			M-
Arsenic	33.1	3.3	mg/kg dry	32.86	5.54	84	75-125			
Beryllium	3.01	0.07	mg/kg dry	3.286	0.215	85	75-125			
Cadmium	13.2	0.66	mg/kg dry	16.43	0.237	79	75-125			
Chromium	46.5	1.3	mg/kg dry	32.86	19.0	84	75-125			
Copper	37.4	1.3	mg/kg dry	32.86	8.99	86	75-125			
Lead	30.1	6.6	mg/kg dry	32.86	2.82	83	75-125			
Nickel	41.5	3.3	mg/kg dry	32.86	14.0	83	75-125			
Selenium	55.5	6.6	mg/kg dry	65.72	1.92	82	75-125			
Silver	13.9	0.66	mg/kg dry	16.43	ND	85	75-125			
Thallium	29.6	6.51	mg/kg dry	32.86	ND	90	75-125			
Zinc	38.7	3.3	mg/kg dry	32.86	12.4	80	75-125			
Reference										
Antimony	78.6	10.0	mg/kg wet	127.0		62	0-210			
Arsenic	259	5.0	mg/kg wet	280.0		92	81-119			
Beryllium	46.8	0.10	mg/kg wet	51.00		92	83-117			
Cadmium	157	1.00	mg/kg wet	182.0		86	82-118			
Chromium	124	2.0	mg/kg wet	142.0		88	81-120			
Copper	120	2.0	mg/kg wet	132.0		91	83-117			
Lead	65.7	10.0	mg/kg wet	72.20		91	82-118			
Nickel	142	5.0	mg/kg wet	155.0		92	82-117			
Selenium	147	10.0	mg/kg wet	165.0		89	78-123			
Silver	120	1.00	mg/kg wet	126.0		95	66-134			
Thallium	194	24.8	mg/kg wet	184.0		105	77-122			
Zinc	295	5.0	mg/kg wet	346.0		85	79-121			
Batch BE92015 - 7471A										
Blank										
Mercury	ND	0.033	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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										
LCS										
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: 0905219-10**										
Mercury	0.0056	0.039	mg/kg dry		ND				35	
Matrix Spike **Source: 0905219-10**										
Mercury	0.256	0.039	mg/kg dry	0.2353	ND	109	75-125			
Matrix Spike Dup **Source: 0905219-10**										
Mercury	0.252	0.038	mg/kg dry	0.2277	ND	111	75-125	1	35	
Reference										
Mercury	8.17	0.660	mg/kg wet	8.480		96	66-132			
5035/8260B Volatile Organic Compounds / Low Level										
Batch BE91910 - 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							
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							

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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 BE91910 - 5035										
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							
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							

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

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 BE91910 - 5035										
Surrogate: 1,2-Dichloroethane-d4	*0.0550*		mg/kg wet	*0.05000*		*110*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0476*		mg/kg wet	*0.05000*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0519*		mg/kg wet	*0.05000*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.0505*		mg/kg wet	*0.05000*		*101*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	0.0505	0.0050	mg/kg wet	0.05000		101	70-130			
1,1,1-Trichloroethane	0.0462	0.0050	mg/kg wet	0.05000		92	70-130			
1,1,2,2-Tetrachloroethane	0.0441	0.0050	mg/kg wet	0.05000		88	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0485	0.0050	mg/kg wet	0.05000		97	70-130			
1,1,2-Trichloroethane	0.0493	0.0050	mg/kg wet	0.05000		99	70-130			
1,1-Dichloroethane	0.0463	0.0050	mg/kg wet	0.05000		93	70-130			
1,1-Dichloroethene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130			
1,1-Dichloropropene	0.0465	0.0050	mg/kg wet	0.05000		93	70-130			
1,2,3-Trichlorobenzene	0.0468	0.0050	mg/kg wet	0.05000		94	70-130			
1,2,3-Trichloropropane	0.0437	0.0050	mg/kg wet	0.05000		87	70-130			
1,2,4-Trichlorobenzene	0.0457	0.0050	mg/kg wet	0.05000		91	70-130			
1,2,4-Trimethylbenzene	0.0458	0.0050	mg/kg wet	0.05000		92	70-130			
1,2-Dibromo-3-Chloropropane	0.0449	0.0050	mg/kg wet	0.05000		90	70-130			
1,2-Dibromoethane	0.0473	0.0050	mg/kg wet	0.05000		95	70-130			
1,2-Dichlorobenzene	0.0463	0.0050	mg/kg wet	0.05000		93	70-130			
1,2-Dichloroethane	0.0497	0.0050	mg/kg wet	0.05000		99	70-130			
1,2-Dichloropropane	0.0448	0.0050	mg/kg wet	0.05000		90	70-130			
1,3,5-Trimethylbenzene	0.0466	0.0050	mg/kg wet	0.05000		93	70-130			
1,3-Dichlorobenzene	0.0459	0.0050	mg/kg wet	0.05000		92	70-130			
1,3-Dichloropropane	0.0484	0.0050	mg/kg wet	0.05000		97	70-130			
1,4-Dichlorobenzene	0.0452	0.0050	mg/kg wet	0.05000		90	70-130			
1,4-Dioxane	1.01	0.100	mg/kg wet	1.000		101	70-130			
2,2-Dichloropropane	0.0481	0.0050	mg/kg wet	0.05000		96	70-130			
2-Butanone	0.247	0.0500	mg/kg wet	0.2500		99	70-130			
2-Chlorotoluene	0.0450	0.0050	mg/kg wet	0.05000		90	70-130			
2-Hexanone	0.244	0.0500	mg/kg wet	0.2500		97	70-130			
4-Chlorotoluene	0.0448	0.0050	mg/kg wet	0.05000		90	70-130			
4-Isopropyltoluene	0.0446	0.0050	mg/kg wet	0.05000		89	70-130			
4-Methyl-2-Pentanone	0.228	0.0500	mg/kg wet	0.2500		91	70-130			
Acetone	0.199	0.0500	mg/kg wet	0.2500		79	70-130			
Acrylonitrile	0.0416	0.0050	mg/kg wet	0.05000		83	70-130			
Benzene	0.0450	0.0050	mg/kg wet	0.05000		90	70-130			
Bromobenzene	0.0482	0.0050	mg/kg wet	0.05000		96	70-130			
Bromochloromethane	0.0477	0.0050	mg/kg wet	0.05000		95	70-130			
Bromodichloromethane	0.0517	0.0050	mg/kg wet	0.05000		103	70-130			
Bromoform	0.0541	0.0050	mg/kg wet	0.05000		108	70-130			
Bromomethane	0.0530	0.0100	mg/kg wet	0.05000		106	70-130			
Carbon Disulfide	0.0485	0.0050	mg/kg wet	0.05000		97	70-130			
Carbon Tetrachloride	0.0502	0.0050	mg/kg wet	0.05000		100	70-130			
Chlorobenzene	0.0480	0.0050	mg/kg wet	0.05000		96	70-130			

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

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 BE91910 - 5035										
Chloroethane	0.0508	0.0100	mg/kg wet	0.05000		102	70-130			
Chloroform	0.0477	0.0050	mg/kg wet	0.05000		95	70-130			
Chloromethane	0.0455	0.0100	mg/kg wet	0.05000		91	70-130			
cis-1,2-Dichloroethene	0.0471	0.0050	mg/kg wet	0.05000		94	70-130			
cis-1,3-Dichloropropene	0.0467	0.0050	mg/kg wet	0.05000		93	70-130			
Dibromochloromethane	0.0500	0.0050	mg/kg wet	0.05000		100	70-130			
Dibromomethane	0.0475	0.0050	mg/kg wet	0.05000		95	70-130			
Dichlorodifluoromethane	0.0438	0.0100	mg/kg wet	0.05000		88	70-130			
Diethyl Ether	0.0443	0.0050	mg/kg wet	0.05000		89	70-130			
Di-isopropyl ether	0.0444	0.0050	mg/kg wet	0.05000		89	70-130			
Ethyl tertiary-butyl ether	0.0446	0.0050	mg/kg wet	0.05000		89	70-130			
Ethylbenzene	0.0476	0.0050	mg/kg wet	0.05000		95	70-130			
Hexachlorobutadiene	0.0479	0.0050	mg/kg wet	0.05000		96	70-130			
Isopropylbenzene	0.0404	0.0050	mg/kg wet	0.05000		81	70-130			
Methyl tert-Butyl Ether	0.0497	0.0050	mg/kg wet	0.05000		99	70-130			
Methylene Chloride	0.0481	0.0250	mg/kg wet	0.05000		96	70-130			
Naphthalene	0.0460	0.0050	mg/kg wet	0.05000		92	70-130			
n-Butylbenzene	0.0451	0.0050	mg/kg wet	0.05000		90	70-130			
n-Propylbenzene	0.0452	0.0050	mg/kg wet	0.05000		90	70-130			
sec-Butylbenzene	0.0458	0.0050	mg/kg wet	0.05000		92	70-130			
Styrene	0.0474	0.0050	mg/kg wet	0.05000		95	70-130			
tert-Butylbenzene	0.0466	0.0050	mg/kg wet	0.05000		93	70-130			
Tertiary-amyl methyl ether	0.0471	0.0050	mg/kg wet	0.05000		94	70-130			
Tetrachloroethene	0.0489	0.0050	mg/kg wet	0.05000		98	70-130			
Tetrahydrofuran	0.0437	0.0050	mg/kg wet	0.05000		87	70-130			
Toluene	0.0449	0.0050	mg/kg wet	0.05000		90	70-130			
trans-1,2-Dichloroethene	0.0504	0.0050	mg/kg wet	0.05000		101	70-130			
trans-1,3-Dichloropropene	0.0454	0.0050	mg/kg wet	0.05000		91	70-130			
Trans-1,4-Dichloro-2-Butene	0.0393	0.0050	mg/kg wet	0.05000		79	70-130			
Trichloroethene	0.0461	0.0050	mg/kg wet	0.05000		92	70-130			
Trichlorofluoromethane	0.0455	0.0050	mg/kg wet	0.05000		91	70-130			
Vinyl Chloride	0.0506	0.0100	mg/kg wet	0.05000		101	70-130			
Xylene O	0.0490	0.0050	mg/kg wet	0.05000		98	70-130			
Xylene P,M	0.0914	0.0100	mg/kg wet	0.1000		91	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0490*		mg/kg wet	*0.05000*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0509*		mg/kg wet	*0.05000*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0477*		mg/kg wet	*0.05000*		*95*	*70-130*			
Surrogate: Toluene-d8	*0.0480*		mg/kg wet	*0.05000*		*96*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	0.0519	0.0050	mg/kg wet	0.05000		104	70-130	3	25	
1,1,1-Trichloroethane	0.0474	0.0050	mg/kg wet	0.05000		95	70-130	3	25	
1,1,2,2-Tetrachloroethane	0.0442	0.0050	mg/kg wet	0.05000		88	70-130	0.4	25	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0478	0.0050	mg/kg wet	0.05000		96	70-130	2	25	
1,1,2-Trichloroethane	0.0503	0.0050	mg/kg wet	0.05000		101	70-130	2	25	
1,1-Dichloroethane	0.0470	0.0050	mg/kg wet	0.05000		94	70-130	2	25	
1,1-Dichloroethene	0.0466	0.0050	mg/kg wet	0.05000		93	70-130	0.9	25	

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

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 BE91910 - 5035										
1,1-Dichloropropene	0.0484	0.0050	mg/kg wet	0.05000		97	70-130	4	25	
1,2,3-Trichlorobenzene	0.0495	0.0050	mg/kg wet	0.05000		99	70-130	6	25	
1,2,3-Trichloropropane	0.0436	0.0050	mg/kg wet	0.05000		87	70-130	0.2	25	
1,2,4-Trichlorobenzene	0.0475	0.0050	mg/kg wet	0.05000		95	70-130	4	25	
1,2,4-Trimethylbenzene	0.0480	0.0050	mg/kg wet	0.05000		96	70-130	5	25	
1,2-Dibromo-3-Chloropropane	0.0458	0.0050	mg/kg wet	0.05000		92	70-130	2	25	
1,2-Dibromoethane	0.0509	0.0050	mg/kg wet	0.05000		102	70-130	7	25	
1,2-Dichlorobenzene	0.0485	0.0050	mg/kg wet	0.05000		97	70-130	5	25	
1,2-Dichloroethane	0.0507	0.0050	mg/kg wet	0.05000		101	70-130	2	25	
1,2-Dichloropropane	0.0480	0.0050	mg/kg wet	0.05000		96	70-130	7	25	
1,3,5-Trimethylbenzene	0.0483	0.0050	mg/kg wet	0.05000		97	70-130	4	25	
1,3-Dichlorobenzene	0.0498	0.0050	mg/kg wet	0.05000		100	70-130	8	25	
1,3-Dichloropropane	0.0514	0.0050	mg/kg wet	0.05000		103	70-130	6	25	
1,4-Dichlorobenzene	0.0469	0.0050	mg/kg wet	0.05000		94	70-130	4	25	
1,4-Dioxane	1.08	0.100	mg/kg wet	1.000		108	70-130	6	20	
2,2-Dichloropropane	0.0483	0.0050	mg/kg wet	0.05000		97	70-130	0.5	25	
2-Butanone	0.247	0.0500	mg/kg wet	0.2500		99	70-130	0.06	25	
2-Chlorotoluene	0.0467	0.0050	mg/kg wet	0.05000		93	70-130	4	25	
2-Hexanone	0.244	0.0500	mg/kg wet	0.2500		98	70-130	0.4	25	
4-Chlorotoluene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130	3	25	
4-Isopropyltoluene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130	4	25	
4-Methyl-2-Pentanone	0.237	0.0500	mg/kg wet	0.2500		95	70-130	4	25	
Acetone	0.195	0.0500	mg/kg wet	0.2500		78	70-130	2	25	
Acrylonitrile	0.0461	0.0050	mg/kg wet	0.05000		92	70-130	10	25	
Benzene	0.0470	0.0050	mg/kg wet	0.05000		94	70-130	5	25	
Bromobenzene	0.0494	0.0050	mg/kg wet	0.05000		99	70-130	2	25	
Bromochloromethane	0.0486	0.0050	mg/kg wet	0.05000		97	70-130	2	25	
Bromodichloromethane	0.0512	0.0050	mg/kg wet	0.05000		102	70-130	1	25	
Bromoform	0.0552	0.0050	mg/kg wet	0.05000		110	70-130	2	25	
Bromomethane	0.0518	0.0100	mg/kg wet	0.05000		104	70-130	2	25	
Carbon Disulfide	0.0511	0.0050	mg/kg wet	0.05000		102	70-130	5	25	
Carbon Tetrachloride	0.0513	0.0050	mg/kg wet	0.05000		103	70-130	2	25	
Chlorobenzene	0.0489	0.0050	mg/kg wet	0.05000		98	70-130	2	25	
Chloroethane	0.0504	0.0100	mg/kg wet	0.05000		101	70-130	0.8	25	
Chloroform	0.0483	0.0050	mg/kg wet	0.05000		97	70-130	1	25	
Chloromethane	0.0453	0.0100	mg/kg wet	0.05000		91	70-130	0.6	25	
cis-1,2-Dichloroethene	0.0483	0.0050	mg/kg wet	0.05000		97	70-130	3	25	
cis-1,3-Dichloropropene	0.0502	0.0050	mg/kg wet	0.05000		100	70-130	7	25	
Dibromochloromethane	0.0528	0.0050	mg/kg wet	0.05000		106	70-130	5	25	
Dibromomethane	0.0496	0.0050	mg/kg wet	0.05000		99	70-130	4	25	
Dichlorodifluoromethane	0.0452	0.0100	mg/kg wet	0.05000		90	70-130	3	25	
Diethyl Ether	0.0365	0.0050	mg/kg wet	0.05000		73	70-130	19	25	
Di-isopropyl ether	0.0472	0.0050	mg/kg wet	0.05000		94	70-130	6	25	
Ethyl tertiary-butyl ether	0.0458	0.0050	mg/kg wet	0.05000		92	70-130	3	25	
Ethylbenzene	0.0487	0.0050	mg/kg wet	0.05000		97	70-130	2	25	
Hexachlorobutadiene	0.0518	0.0050	mg/kg wet	0.05000		104	70-130	8	25	

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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 BE91910 - 5035										
Isopropylbenzene	0.0409	0.0050	mg/kg wet	0.05000		82	70-130	1	25	
Methyl tert-Butyl Ether	0.0499	0.0050	mg/kg wet	0.05000		100	70-130	0.5	25	
Methylene Chloride	0.0493	0.0250	mg/kg wet	0.05000		99	70-130	2	25	
Naphthalene	0.0482	0.0050	mg/kg wet	0.05000		96	70-130	5	25	
n-Butylbenzene	0.0472	0.0050	mg/kg wet	0.05000		94	70-130	5	25	
n-Propylbenzene	0.0481	0.0050	mg/kg wet	0.05000		96	70-130	6	25	
sec-Butylbenzene	0.0475	0.0050	mg/kg wet	0.05000		95	70-130	4	25	
Styrene	0.0492	0.0050	mg/kg wet	0.05000		98	70-130	4	25	
tert-Butylbenzene	0.0482	0.0050	mg/kg wet	0.05000		96	70-130	3	25	
Tertiary-amyl methyl ether	0.0491	0.0050	mg/kg wet	0.05000		98	70-130	4	25	
Tetrachloroethene	0.0516	0.0050	mg/kg wet	0.05000		103	70-130	5	25	
Tetrahydrofuran	0.0436	0.0050	mg/kg wet	0.05000		87	70-130	0.3	25	
Toluene	0.0484	0.0050	mg/kg wet	0.05000		97	70-130	8	25	
trans-1,2-Dichloroethene	0.0498	0.0050	mg/kg wet	0.05000		100	70-130	1	25	
trans-1,3-Dichloropropene	0.0466	0.0050	mg/kg wet	0.05000		93	70-130	3	25	
Trans-1,4-Dichloro-2-Butene	0.0404	0.0050	mg/kg wet	0.05000		81	70-130	3	25	
Trichloroethene	0.0497	0.0050	mg/kg wet	0.05000		99	70-130	7	25	
Trichlorofluoromethane	0.0440	0.0050	mg/kg wet	0.05000		88	70-130	3	25	
Vinyl Chloride	0.0494	0.0100	mg/kg wet	0.05000		99	70-130	2	25	
Xylene O	0.0489	0.0050	mg/kg wet	0.05000		98	70-130	0.2	25	
Xylene P,M	0.0954	0.0100	mg/kg wet	0.1000		95	70-130	4	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0505*		mg/kg wet	*0.05000*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0504*		mg/kg wet	*0.05000*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0467*		mg/kg wet	*0.05000*		*93*	*70-130*			
Surrogate: Toluene-d8	*0.0492*		mg/kg wet	*0.05000*		*98*	*70-130*			
Batch BE92009 - 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							
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							

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

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 BE92009 - 5035										
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							
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							

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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 BE92009 - 5035										
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	*0.0587*		mg/kg wet	*0.05000*		*117*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0498*		mg/kg wet	*0.05000*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0543*		mg/kg wet	*0.05000*		*109*	*70-130*			
Surrogate: Toluene-d8	*0.0500*		mg/kg wet	*0.05000*		*100*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	0.0555	0.0050	mg/kg wet	0.05000		111	70-130			
1,1,1-Trichloroethane	0.0518	0.0050	mg/kg wet	0.05000		104	70-130			
1,1,2,2-Tetrachloroethane	0.0424	0.0050	mg/kg wet	0.05000		85	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0529	0.0050	mg/kg wet	0.05000		106	70-130			
1,1,2-Trichloroethane	0.0519	0.0050	mg/kg wet	0.05000		104	70-130			
1,1-Dichloroethane	0.0525	0.0050	mg/kg wet	0.05000		105	70-130			
1,1-Dichloroethene	0.0523	0.0050	mg/kg wet	0.05000		105	70-130			
1,1-Dichloropropene	0.0509	0.0050	mg/kg wet	0.05000		102	70-130			
1,2,3-Trichlorobenzene	0.0494	0.0050	mg/kg wet	0.05000		99	70-130			
1,2,3-Trichloropropane	0.0427	0.0050	mg/kg wet	0.05000		85	70-130			
1,2,4-Trichlorobenzene	0.0478	0.0050	mg/kg wet	0.05000		96	70-130			
1,2,4-Trimethylbenzene	0.0476	0.0050	mg/kg wet	0.05000		95	70-130			
1,2-Dibromo-3-Chloropropane	0.0423	0.0050	mg/kg wet	0.05000		85	70-130			
1,2-Dibromoethane	0.0526	0.0050	mg/kg wet	0.05000		105	70-130			
1,2-Dichlorobenzene	0.0488	0.0050	mg/kg wet	0.05000		98	70-130			
1,2-Dichloroethane	0.0560	0.0050	mg/kg wet	0.05000		112	70-130			
1,2-Dichloropropane	0.0479	0.0050	mg/kg wet	0.05000		96	70-130			
1,3,5-Trimethylbenzene	0.0468	0.0050	mg/kg wet	0.05000		94	70-130			
1,3-Dichlorobenzene	0.0485	0.0050	mg/kg wet	0.05000		97	70-130			
1,3-Dichloropropane	0.0546	0.0050	mg/kg wet	0.05000		109	70-130			
1,4-Dichlorobenzene	0.0475	0.0050	mg/kg wet	0.05000		95	70-130			
1,4-Dioxane	0.972	0.100	mg/kg wet	1.000		97	70-130			
2,2-Dichloropropane	0.0557	0.0050	mg/kg wet	0.05000		111	70-130			
2-Butanone	0.233	0.0500	mg/kg wet	0.2500		93	70-130			
2-Chlorotoluene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130			
2-Hexanone	0.228	0.0500	mg/kg wet	0.2500		91	70-130			
4-Chlorotoluene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130			
4-Isopropyltoluene	0.0462	0.0050	mg/kg wet	0.05000		92	70-130			
4-Methyl-2-Pentanone	0.217	0.0500	mg/kg wet	0.2500		87	70-130			
Acetone	0.211	0.0500	mg/kg wet	0.2500		84	70-130			
Acrylonitrile	0.0389	0.0050	mg/kg wet	0.05000		78	70-130			

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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 BE92009 - 5035										
Benzene	0.0472	0.0050	mg/kg wet	0.05000		94	70-130			
Bromobenzene	0.0493	0.0050	mg/kg wet	0.05000		99	70-130			
Bromochloromethane	0.0513	0.0050	mg/kg wet	0.05000		103	70-130			
Bromodichloromethane	0.0580	0.0050	mg/kg wet	0.05000		116	70-130			
Bromoform	0.0575	0.0050	mg/kg wet	0.05000		115	70-130			
Bromomethane	0.0591	0.0100	mg/kg wet	0.05000		118	70-130			
Carbon Disulfide	0.0526	0.0050	mg/kg wet	0.05000		105	70-130			
Carbon Tetrachloride	0.0575	0.0050	mg/kg wet	0.05000		115	70-130			
Chlorobenzene	0.0496	0.0050	mg/kg wet	0.05000		99	70-130			
Chloroethane	0.0561	0.0100	mg/kg wet	0.05000		112	70-130			
Chloroform	0.0569	0.0050	mg/kg wet	0.05000		114	70-130			
Chloromethane	0.0498	0.0100	mg/kg wet	0.05000		100	70-130			
cis-1,2-Dichloroethene	0.0513	0.0050	mg/kg wet	0.05000		103	70-130			
cis-1,3-Dichloropropene	0.0508	0.0050	mg/kg wet	0.05000		102	70-130			
Dibromochloromethane	0.0578	0.0050	mg/kg wet	0.05000		116	70-130			
Dibromomethane	0.0517	0.0050	mg/kg wet	0.05000		103	70-130			
Dichlorodifluoromethane	0.0534	0.0100	mg/kg wet	0.05000		107	70-130			
Diethyl Ether	0.0450	0.0050	mg/kg wet	0.05000		90	70-130			
Di-isopropyl ether	0.0474	0.0050	mg/kg wet	0.05000		95	70-130			
Ethyl tertiary-butyl ether	0.0472	0.0050	mg/kg wet	0.05000		94	70-130			
Ethylbenzene	0.0485	0.0050	mg/kg wet	0.05000		97	70-130			
Hexachlorobutadiene	0.0538	0.0050	mg/kg wet	0.05000		108	70-130			
Isopropylbenzene	0.0407	0.0050	mg/kg wet	0.05000		81	70-130			
Methyl tert-Butyl Ether	0.0558	0.0050	mg/kg wet	0.05000		112	70-130			
Methylene Chloride	0.0530	0.0250	mg/kg wet	0.05000		106	70-130			
Naphthalene	0.0454	0.0050	mg/kg wet	0.05000		91	70-130			
n-Butylbenzene	0.0455	0.0050	mg/kg wet	0.05000		91	70-130			
n-Propylbenzene	0.0458	0.0050	mg/kg wet	0.05000		92	70-130			
sec-Butylbenzene	0.0466	0.0050	mg/kg wet	0.05000		93	70-130			
Styrene	0.0481	0.0050	mg/kg wet	0.05000		96	70-130			
tert-Butylbenzene	0.0489	0.0050	mg/kg wet	0.05000		98	70-130			
Tertiary-amyl methyl ether	0.0491	0.0050	mg/kg wet	0.05000		98	70-130			
Tetrachloroethene	0.0570	0.0050	mg/kg wet	0.05000		114	70-130			
Tetrahydrofuran	0.0399	0.0050	mg/kg wet	0.05000		80	70-130			
Toluene	0.0482	0.0050	mg/kg wet	0.05000		96	70-130			
trans-1,2-Dichloroethene	0.0549	0.0050	mg/kg wet	0.05000		110	70-130			
trans-1,3-Dichloropropene	0.0491	0.0050	mg/kg wet	0.05000		98	70-130			
Trans-1,4-Dichloro-2-Butene	0.0363	0.0050	mg/kg wet	0.05000		73	70-130			
Trichloroethene	0.0502	0.0050	mg/kg wet	0.05000		100	70-130			
Trichlorofluoromethane	0.0551	0.0050	mg/kg wet	0.05000		110	70-130			
Vinyl Chloride	0.0591	0.0100	mg/kg wet	0.05000		118	70-130			
Xylene O	0.0522	0.0050	mg/kg wet	0.05000		104	70-130			
Xylene P,M	0.0934	0.0100	mg/kg wet	0.1000		93	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0563*		mg/kg wet	*0.05000*		*113*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0532*		mg/kg wet	*0.05000*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0513*		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: 0905219

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 BE92009 - 5035										
Surrogate: Toluene-d8	*0.0514*		mg/kg wet	*0.05000*		*103*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	0.0522	0.0050	mg/kg wet	0.05000		104	70-130	6	25	
1,1,1-Trichloroethane	0.0469	0.0050	mg/kg wet	0.05000		94	70-130	10	25	
1,1,2,2-Tetrachloroethane	0.0402	0.0050	mg/kg wet	0.05000		80	70-130	5	25	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0494	0.0050	mg/kg wet	0.05000		99	70-130	7	25	
1,1,2-Trichloroethane	0.0488	0.0050	mg/kg wet	0.05000		98	70-130	6	25	
1,1-Dichloroethane	0.0470	0.0050	mg/kg wet	0.05000		94	70-130	11	25	
1,1-Dichloroethene	0.0458	0.0050	mg/kg wet	0.05000		92	70-130	13	25	
1,1-Dichloropropene	0.0489	0.0050	mg/kg wet	0.05000		98	70-130	4	25	
1,2,3-Trichlorobenzene	0.0486	0.0050	mg/kg wet	0.05000		97	70-130	2	25	
1,2,3-Trichloropropane	0.0401	0.0050	mg/kg wet	0.05000		80	70-130	6	25	
1,2,4-Trichlorobenzene	0.0470	0.0050	mg/kg wet	0.05000		94	70-130	2	25	
1,2,4-Trimethylbenzene	0.0459	0.0050	mg/kg wet	0.05000		92	70-130	4	25	
1,2-Dibromo-3-Chloropropane	0.0415	0.0050	mg/kg wet	0.05000		83	70-130	2	25	
1,2-Dibromoethane	0.0477	0.0050	mg/kg wet	0.05000		95	70-130	10	25	
1,2-Dichlorobenzene	0.0476	0.0050	mg/kg wet	0.05000		95	70-130	2	25	
1,2-Dichloroethane	0.0506	0.0050	mg/kg wet	0.05000		101	70-130	10	25	
1,2-Dichloropropane	0.0452	0.0050	mg/kg wet	0.05000		90	70-130	6	25	
1,3,5-Trimethylbenzene	0.0452	0.0050	mg/kg wet	0.05000		90	70-130	3	25	
1,3-Dichlorobenzene	0.0468	0.0050	mg/kg wet	0.05000		94	70-130	4	25	
1,3-Dichloropropane	0.0500	0.0050	mg/kg wet	0.05000		100	70-130	9	25	
1,4-Dichlorobenzene	0.0447	0.0050	mg/kg wet	0.05000		89	70-130	6	25	
1,4-Dioxane	0.822	0.100	mg/kg wet	1.000		82	70-130	17	20	
2,2-Dichloropropane	0.0498	0.0050	mg/kg wet	0.05000		100	70-130	11	25	
2-Butanone	0.233	0.0500	mg/kg wet	0.2500		93	70-130	0.08	25	
2-Chlorotoluene	0.0446	0.0050	mg/kg wet	0.05000		89	70-130	4	25	
2-Hexanone	0.212	0.0500	mg/kg wet	0.2500		85	70-130	7	25	
4-Chlorotoluene	0.0436	0.0050	mg/kg wet	0.05000		87	70-130	6	25	
4-Isopropyltoluene	0.0434	0.0050	mg/kg wet	0.05000		87	70-130	6	25	
4-Methyl-2-Pentanone	0.202	0.0500	mg/kg wet	0.2500		81	70-130	7	25	
Acetone	0.185	0.0500	mg/kg wet	0.2500		74	70-130	13	25	
Acrylonitrile	0.0363	0.0050	mg/kg wet	0.05000		73	70-130	7	25	
Benzene	0.0450	0.0050	mg/kg wet	0.05000		90	70-130	5	25	
Bromobenzene	0.0461	0.0050	mg/kg wet	0.05000		92	70-130	7	25	
Bromochloromethane	0.0485	0.0050	mg/kg wet	0.05000		97	70-130	6	25	
Bromodichloromethane	0.0505	0.0050	mg/kg wet	0.05000		101	70-130	14	25	
Bromoform	0.0526	0.0050	mg/kg wet	0.05000		105	70-130	9	25	
Bromomethane	0.0565	0.0100	mg/kg wet	0.05000		113	70-130	4	25	
Carbon Disulfide	0.0484	0.0050	mg/kg wet	0.05000		97	70-130	8	25	
Carbon Tetrachloride	0.0528	0.0050	mg/kg wet	0.05000		106	70-130	9	25	
Chlorobenzene	0.0490	0.0050	mg/kg wet	0.05000		98	70-130	1	25	
Chloroethane	0.0519	0.0100	mg/kg wet	0.05000		104	70-130	8	25	
Chloroform	0.0504	0.0050	mg/kg wet	0.05000		101	70-130	12	25	
Chloromethane	0.0488	0.0100	mg/kg wet	0.05000		98	70-130	2	25	

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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 BE92009 - 5035										
cis-1,2-Dichloroethene	0.0455	0.0050	mg/kg wet	0.05000		91	70-130	12	25	
cis-1,3-Dichloropropene	0.0469	0.0050	mg/kg wet	0.05000		94	70-130	8	25	
Dibromochloromethane	0.0544	0.0050	mg/kg wet	0.05000		109	70-130	6	25	
Dibromomethane	0.0472	0.0050	mg/kg wet	0.05000		94	70-130	9	25	
Dichlorodifluoromethane	0.0471	0.0100	mg/kg wet	0.05000		94	70-130	13	25	
Diethyl Ether	0.0368	0.0050	mg/kg wet	0.05000		74	70-130	20	25	
Di-isopropyl ether	0.0455	0.0050	mg/kg wet	0.05000		91	70-130	4	25	
Ethyl tertiary-butyl ether	0.0430	0.0050	mg/kg wet	0.05000		86	70-130	9	25	
Ethylbenzene	0.0472	0.0050	mg/kg wet	0.05000		94	70-130	3	25	
Hexachlorobutadiene	0.0508	0.0050	mg/kg wet	0.05000		102	70-130	6	25	
Isopropylbenzene	0.0382	0.0050	mg/kg wet	0.05000		76	70-130	6	25	
Methyl tert-Butyl Ether	0.0496	0.0050	mg/kg wet	0.05000		99	70-130	12	25	
Methylene Chloride	0.0487	0.0250	mg/kg wet	0.05000		97	70-130	8	25	
Naphthalene	0.0447	0.0050	mg/kg wet	0.05000		89	70-130	2	25	
n-Butylbenzene	0.0461	0.0050	mg/kg wet	0.05000		92	70-130	1	25	
n-Propylbenzene	0.0450	0.0050	mg/kg wet	0.05000		90	70-130	2	25	
sec-Butylbenzene	0.0448	0.0050	mg/kg wet	0.05000		90	70-130	4	25	
Styrene	0.0456	0.0050	mg/kg wet	0.05000		91	70-130	5	25	
tert-Butylbenzene	0.0468	0.0050	mg/kg wet	0.05000		94	70-130	4	25	
Tertiary-amyl methyl ether	0.0461	0.0050	mg/kg wet	0.05000		92	70-130	6	25	
Tetrachloroethene	0.0525	0.0050	mg/kg wet	0.05000		105	70-130	8	25	
Tetrahydrofuran	0.0370	0.0050	mg/kg wet	0.05000		74	70-130	8	25	
Toluene	0.0454	0.0050	mg/kg wet	0.05000		91	70-130	6	25	
trans-1,2-Dichloroethene	0.0502	0.0050	mg/kg wet	0.05000		100	70-130	9	25	
trans-1,3-Dichloropropene	0.0442	0.0050	mg/kg wet	0.05000		88	70-130	11	25	
Trans-1,4-Dichloro-2-Butene	0.0356	0.0050	mg/kg wet	0.05000		71	70-130	2	25	
Trichloroethene	0.0474	0.0050	mg/kg wet	0.05000		95	70-130	6	25	
Trichlorofluoromethane	0.0504	0.0050	mg/kg wet	0.05000		101	70-130	9	25	
Vinyl Chloride	0.0529	0.0100	mg/kg wet	0.05000		106	70-130	11	25	
Xylene O	0.0478	0.0050	mg/kg wet	0.05000		96	70-130	9	25	
Xylene P,M	0.0923	0.0100	mg/kg wet	0.1000		92	70-130	1	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0520*		mg/kg wet	*0.05000*		*104*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0515*		mg/kg wet	*0.05000*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0491*		mg/kg wet	*0.05000*		*98*	*70-130*			
Surrogate: Toluene-d8	*0.0490*		mg/kg wet	*0.05000*		*98*	*70-130*			
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							
1,1-Dichloroethene	ND	0.0050	mg/kg wet							
1,1-Dichloropropene	ND	0.0050	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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										
1,2,3-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							
Hexachlorobutadiene	ND	0.0050	mg/kg wet							
Isopropylbenzene	ND	0.0050	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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										
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			
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			

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

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										
1,4-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			
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			

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

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										
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	
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	

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

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										
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*			
5035/8260B Volatile Organic Compounds / Methanol										

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

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: 0905219

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: 0905219

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: 0905219

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: 0905219

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: 0905219

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 BE91917 - 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	*2.88*		mg/kg wet	*3.333*		*87*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*2.43*		mg/kg wet	*3.333*		*73*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.70*		mg/kg wet	*3.333*		*81*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.53*		mg/kg wet	*3.333*		*106*	*30-130*			
LCS										
2-Methylnaphthalene	3.28	0.333	mg/kg wet	3.333		98	40-140			
Acenaphthene	3.10	0.333	mg/kg wet	3.333		93	40-140			
Acenaphthylene	2.79	0.333	mg/kg wet	3.333		84	40-140			
Anthracene	3.31	0.333	mg/kg wet	3.333		99	40-140			
Benzo(a)anthracene	3.50	0.333	mg/kg wet	3.333		105	40-140			
Benzo(a)pyrene	3.25	0.167	mg/kg wet	3.333		98	40-140			
Benzo(b)fluoranthene	3.23	0.333	mg/kg wet	3.333		97	40-140			
Benzo(g,h,i)perylene	3.67	0.333	mg/kg wet	3.333		110	40-140			
Benzo(k)fluoranthene	3.44	0.333	mg/kg wet	3.333		103	40-140			
Chrysene	3.46	0.167	mg/kg wet	3.333		104	40-140			
Dibenzo(a,h)Anthracene	3.62	0.167	mg/kg wet	3.333		109	40-140			
Fluoranthene	3.59	0.333	mg/kg wet	3.333		108	40-140			

CERTIFICATE OF ANALYSIS

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

ESS Laboratory Work Order: 0905219

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270C Polynuclear Aromatic Hydrocarbons										
Batch BE91917 - 3546										
Fluorene	3.49	0.333	mg/kg wet	3.333		105	40-140			
Indeno(1,2,3-cd)Pyrene	3.61	0.333	mg/kg wet	3.333		108	40-140			
Naphthalene	2.96	0.333	mg/kg wet	3.333		89	40-140			
Phenanthrene	3.04	0.333	mg/kg wet	3.333		91	40-140			
Pyrene	3.48	0.333	mg/kg wet	3.333		104	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*2.94*		mg/kg wet	*3.333*		*88*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*2.61*		mg/kg wet	*3.333*		*78*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.74*		mg/kg wet	*3.333*		*82*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.30*		mg/kg wet	*3.333*		*99*	*30-130*			
LCS Dup										
2-Methylnaphthalene	3.09	0.333	mg/kg wet	3.333		93	40-140	6	30	
Acenaphthene	2.96	0.333	mg/kg wet	3.333		89	40-140	5	30	
Acenaphthylene	2.66	0.333	mg/kg wet	3.333		80	40-140	5	30	
Anthracene	3.21	0.333	mg/kg wet	3.333		96	40-140	3	30	
Benzo(a)anthracene	3.32	0.333	mg/kg wet	3.333		99	40-140	5	30	
Benzo(a)pyrene	3.17	0.167	mg/kg wet	3.333		95	40-140	2	30	
Benzo(b)fluoranthene	3.16	0.333	mg/kg wet	3.333		95	40-140	2	30	
Benzo(g,h,i)perylene	3.55	0.333	mg/kg wet	3.333		107	40-140	3	30	
Benzo(k)fluoranthene	3.33	0.333	mg/kg wet	3.333		100	40-140	3	30	
Chrysene	3.29	0.167	mg/kg wet	3.333		99	40-140	5	30	
Dibenzo(a,h)Anthracene	3.44	0.167	mg/kg wet	3.333		103	40-140	5	30	
Fluoranthene	3.33	0.333	mg/kg wet	3.333		100	40-140	8	30	
Fluorene	3.24	0.333	mg/kg wet	3.333		97	40-140	7	30	
Indeno(1,2,3-cd)Pyrene	3.52	0.333	mg/kg wet	3.333		106	40-140	3	30	
Naphthalene	2.77	0.333	mg/kg wet	3.333		83	40-140	7	30	
Phenanthrene	3.00	0.333	mg/kg wet	3.333		90	40-140	1	30	
Pyrene	3.40	0.333	mg/kg wet	3.333		102	40-140	2	30	
Surrogate: 1,2-Dichlorobenzene-d4	*2.76*		mg/kg wet	*3.333*		*83*	*30-130*			
Surrogate: 2-Fluorobiphenyl	*2.48*		mg/kg wet	*3.333*		*75*	*30-130*			
Surrogate: Nitrobenzene-d5	*2.55*		mg/kg wet	*3.333*		*76*	*30-130*			
Surrogate: p-Terphenyl-d14	*3.22*		mg/kg wet	*3.333*		*97*	*30-130*			
Classical Chemistry										
Batch BE91908 - TCN Prep										
Blank										
Total Cyanide	ND	2.50	mg/kg wet							
LCS										
Total Cyanide	4.91	2.50	mg/kg wet	5.015		98	90-110			
LCS										
Total Cyanide	20.0	2.50	mg/kg wet	20.06		100	90-110			
LCS Dup										
Total Cyanide	20.2	2.50	mg/kg wet	20.06		101	90-110	1	20	
Duplicate **Source: 0905219-08**										
Total Cyanide	57.3	31.5	mg/kg dry		58.6			2	20	

CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Classical Chemistry										
Batch BE91908 - TCN Prep										
Matrix Spike **Source: 0905219-08**										
Total Cyanide	62.8	31.2	mg/kg dry	12.50	58.6	33	75-125			M-
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*			

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#

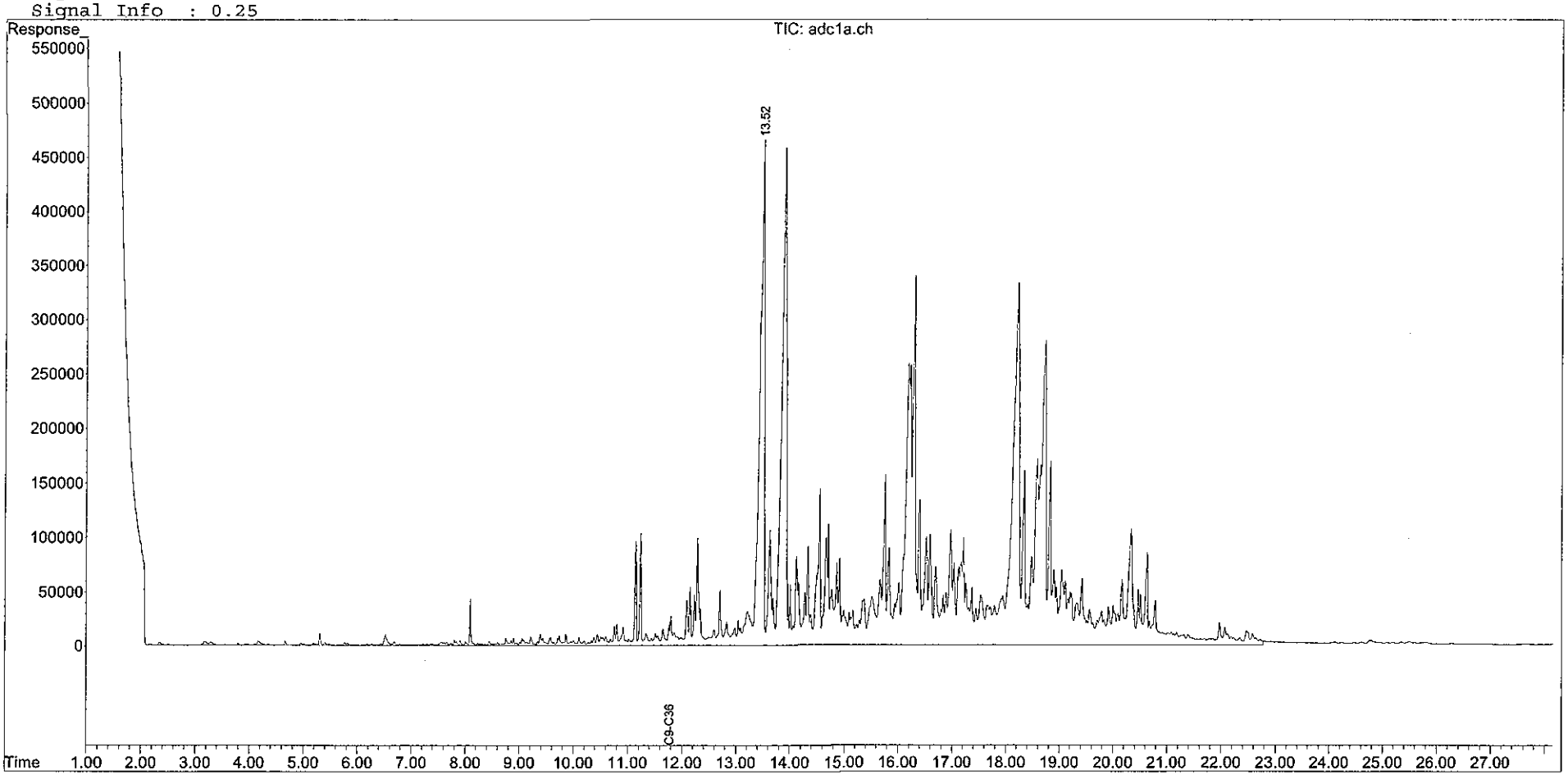
(#) = Out of Range SPCC's out = 0 CCC's out = 0
G2F06829.D 8100FDT.M Thu May 21 11:12:48 2009

Quantitation Report (QT Reviewed)

Data File : Q:\SVOA\tph gc2\Data\052109\G2F07091.D Vial: 2
Acq On : 21 May 2009 09:18 Operator: ML
Sample : 0905219-08 10 Inst : GC2
Misc : 10 Multiplr: 1.00
IntFile : events.e
Quant Time: May 21 10:17 2009 Quant Results File: 8100FDT.RES

Quant 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
DataAcq Meth : GC2.MTH

Volume Inj. : 1 ul
Signal Phase : RTX-5MS
Signal Info : 0.25

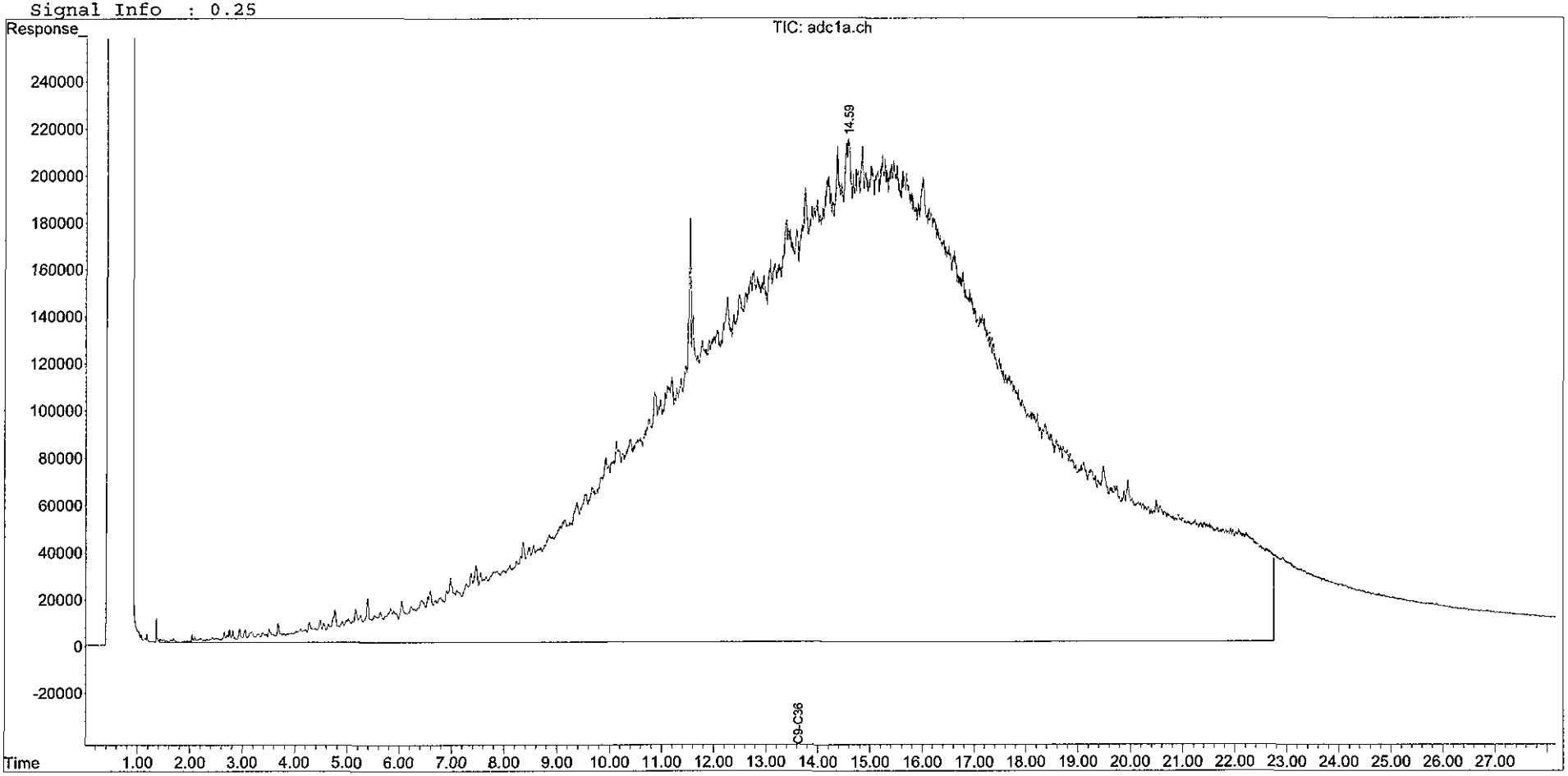


Quantitation Report (QT Reviewed)

Data File : Q:\SVOA\TPH GC2\DATA\052009\G2R05296.D Vial: 63
Acq On : 20 May 2009 22:05 Operator: ML
Sample : 0905219-11 10 Inst : GC2
Misc : 10 Multiplr: 1.00
IntFile : events.e
Quant Time: May 21 7:12 2009 Quant Results File: 8100RCG.RES

Quant 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
DataAcq Meth : GC2.MTH

Volume Inj. : 1 ul
Signal Phase : RTX-5MS
Signal Info : 0.25

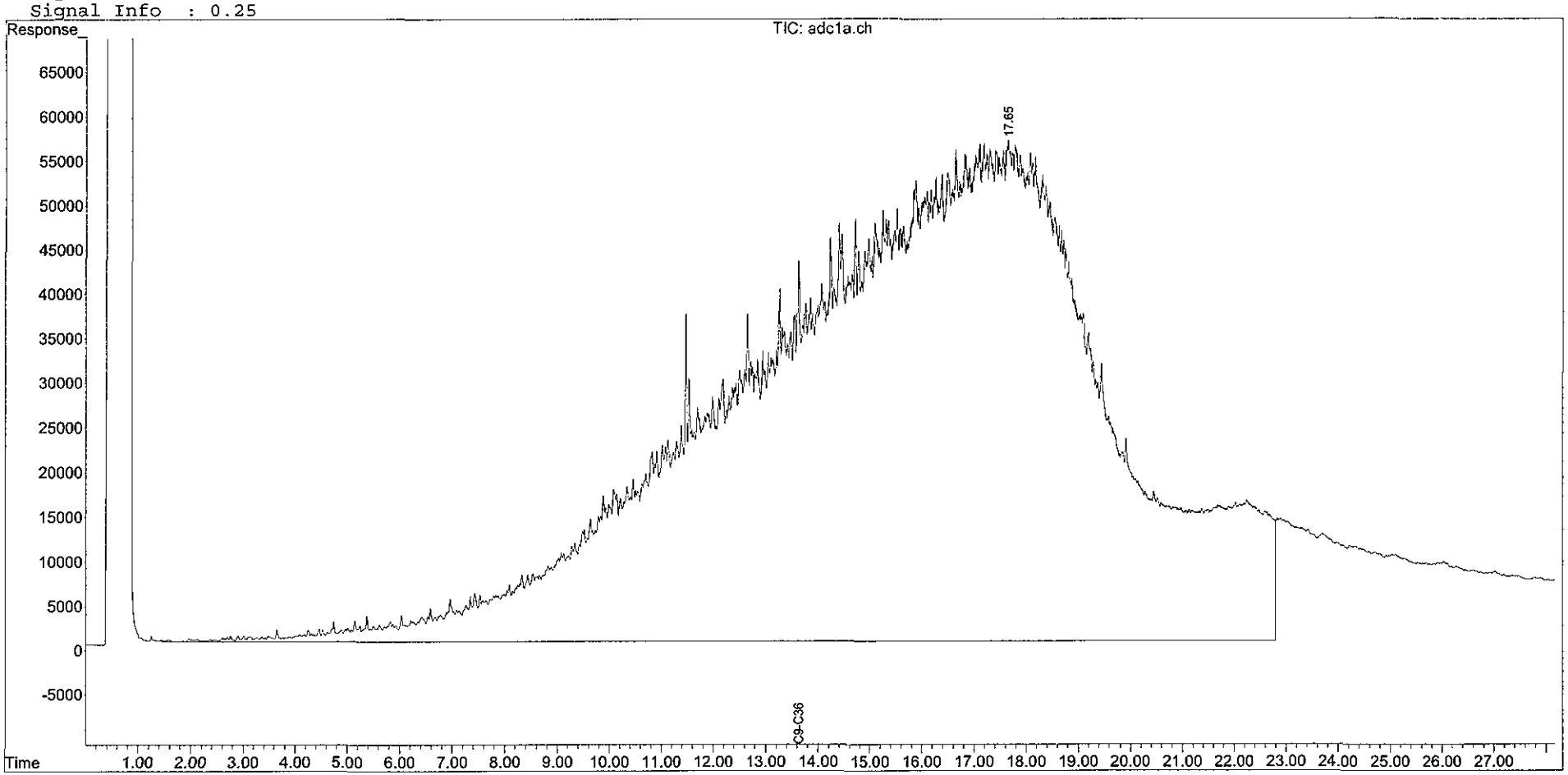


Quantitation Report (QT Reviewed)

Data File : Q:\SVOA\TPH GC2\DATA\052009\G2R05297.D Vial: 64
Acq On : 20 May 2009 22:39 Operator: ML
Sample : 0905219-12 10 Inst : GC2
Misc : 10 Multiplr: 1.00
IntFile : events.e
Quant Time: May 21 7:13 2009 Quant Results File: 8100RCG.RES

Quant 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
DataAcq Meth : GC2.MTH

Volume Inj. : 1 ul
Signal Phase : RTX-5MS
Signal Info : 0.25



CERTIFICATE OF ANALYSIS

Client Name: Advanced Environmental Solutions, Inc.
Client Project ID: Baltic Mill ESS Laboratory Work Order: 0905219

Notes and Definitions

U	Analyte included in the analysis, but not detected
SM	Surrogate recovery(ies) outside of criteria due to matrix (UCM/coelution is present).
SD	Surrogate recovery(ies) diluted below the MRL.
S+	Surrogate recovery(ies) 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.
C-	Continuing Calibration recovery is below lower control limit.
B-	Blank Spike recovery is below lower control limit.
4	VOA sample could not be run as a low level analysis due to sample matrix.
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: 0905219

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: 0905219

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

Co. Name: AES Inc.
Project #:
Project Name (20 Char. or less): Baltic Mill
Contact Person: Mark D.
Address: 90 Madison St. Ste 605
City: Worcester State: MA Zip: 01608
PO#: m.deugera@advancedenvironmental.net
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	PP13 Metals	VOCs 8260	ETPH	PAHs	Total Cyanide									
1	5/18	9:45		✓	S	TP-29 3-5'		5	G	X	X	X	X										
2		10:15		✓	S	TP-28 5.5'		5	G	X	X	X	X										
3		10:55		✓	S	TP-25 5'		1	G	X		X	X										
4		11:20		✓	S	TP-27 comp.		1	G	X		X	X										
5		12:00		✓	S	TP-30 4-4.5'		6	G	X	X	X	X	X									
6		12:25		✓	S	TP-32 comp		2	G	X		X	X	X									
7		12:55		✓	S	TP-33 6-7'		6	G	X	X	X	X	X									
8		13:05		✓	S	TP-34 6-7'		6	G	X	X	X	X	X									
9		13:15		✓	S	TP-31 comp		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: 2°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: MdB

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	5/18 14:20	MS Dem	5/18/09 14:20	[signature]	5/18/09 16:10	[signature]	5/18/09 16:10
[signature]	5/18/09 15:00	[signature]	5/18/09 15:00				

*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: 0905219

Electronic Deliverable X Yes ___ No
Format: Excel X Access ___ PDF X Other ___

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

Contact Person	Address
Mark Deuger	90 Madison St, Ste 605

City	State	Zip	PO#
Worcester	MA	01608	

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

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number Containers	Type of Containers	Write Required Analysis: VOCs by 8260 LL	ETPH	PAHs	PP metals (13)
10	~~TP-02~~ 8ft	5-18-09	1000		X	S	TP-02 (8ft)		5	G	X	X	X	X
11	5-18-09	1200		X	S	TP-004 (8ft)		5	G	X	X	X	X
12	5-18-09	1200		X	S	TP-04 (8ft)		5	G	X	X	X	X
13	5-18-09	1430		X	S	TP-06 (12ft)		5	G	X	X		
14	5-18-09	1430		X	S	TP-06 (6ft)		1	G			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: 3.2°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: MSD

Comments: Expect High VOCs PID = up to 81 ppmv

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mark S. Deuger	5/18/09 1500	Ralph Lowry	5/19/09 15:00	Ralph Lowry	5/19/09 16:10	MD	5/18/09 16:10
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 B