RTI LABORATORIES, INC.

RTI Laboratories
31628 Glendale St.
Livonia, MI 48150
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Tuesday, September 10, 2013

Ed Kierniki
Environmental Restoration LLC
6812 Nineteen 1/2 MIle Rd.
Sterling Heights, MI 48314
TEL: (586) 246-2321
FAX: (586) 254-6547

RE: Plastech Engineered Products Site

Work Order #: 1309041

Dear Ed Kierniki:

RTI Laboratories received 6 sample(s) on 8/30/2013 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

This report may only be reproduced in its entirety. Individual pages, reproduced without supporting documentation, do not contain related information and may be misinterpreted by other data reviewers.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

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

Sincerely,

Rachel Dear

Rachel Dear

Project Manager

RTI Laboratories - Workorder Sample Summary

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site

Lab Sample ID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1309041-001A	PL-OL-01		8/30/2013 8:30 AM	8/30/2013 5:08 PM	Oil
1309041-002A	PL-SL-02		8/30/2013 8:30 AM	8/30/2013 5:08 PM	Solid
1309041-003A	PL-BL-03		8/30/2013 8:30 AM	8/30/2013 5:08 PM	Liquid
1309041-004A	PL-NL-04		8/30/2013 8:30 AM	8/30/2013 5:08 PM	Liquid
1309041-005A	PL-Trench-05		8/30/2013 8:30 AM	8/30/2013 5:08 PM	Liquid/Solid
1309041-006A	PL-Transf-06		8/30/2013 8:30 AM	8/30/2013 5:08 PM	Oil

RTI Laboratories - Case Narrative

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site

This report in its entirety consists of the documents listed below. All documents contain the RTI Work Order Number assigned to this report.

1. Paginated Report including: Case Narrative, Analytical Results and Applicable Quality Control Summary Reports.
2. A Cover Letter that immediately precedes the Paginated Report.
3. Paginated copies of the Chain of Custody Documents supplied with this sample set.

Concentrations reported with a J flag in the Qual field are values below the reporting limit (RL) but greater than the established method detection limit (MDL). There is greater uncertainty associated with these results and data should be considered as estimated.

Concentrations reported with an E flag in the Qual field are values that exceed the upper quantification range. There is greater uncertainty associated with these results and data should be considered as estimated.

Any comments or problems with the analytical events associated with this report are noted below.

The EPA has withdrawn the tests for Reactive Cyanide and Reactive Sulfide. There is no guidance nor reference for testing wastes for Cyanide or Sulfide other than for total concentrations. The generator is required to provide a narrative description of the reactivity of the waste according to 40CFR261.23 for the Characteristic of Reactivity.

Volatile Organic Compound (SW8260B):
Sample ID: VOA10 MBLK 09071, Analytical Run ID: 61249: 1,2,3-Tichlorobenzene is detected in method blank at or above 1/2 the LOQ. The detected compound was not present in any of the samples.

Metals (SW6010C):
Sample ID: 1309041-003AMSD, Batch ID 30800: Recovery for As and Ag exceeded control limits

Mercury (SW7470A):
Sample ID: 1309041-003AMS, Batch ID 30804: Recovery for MS outside acceptance limits.
Sample ID: 1309041-003AMSD, Batch ID 30804: Recovery for MSD outside acceptance limits.

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-001	**Matrix:**	Oil
Client Sample ID:	PL-OL-01		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls		**Method: SW8082A**				**Analyst: MB**
Aroclor 1016	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Aroclor 1221	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Aroclor 1232	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Aroclor 1242	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Aroclor 1248	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Aroclor 1254	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Aroclor 1260	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Aroclor 1262	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Total PCBs	ND	0.98		mg/Kg	1	9/7/2013 9:52 PM
Surr: Tetrachloro-m-xylene	73.3	70-130		%REC	1	9/7/2013 9:52 PM
Surr: Decachlorobiphenyl	69.9	70-130	S	%REC	1	9/7/2013 9:52 PM
Total Halogens by IC Inorganic Anions		**Method: SW9056A**		**SW5050**		**Analyst: CR**
Bromide	ND	0.12		mg/Kg	1	9/7/2013 12:23 AM
Chloride	510	0.25		mg/Kg	1	9/7/2013 12:23 AM
Fluoride	6.1	0.12		mg/Kg	1	9/7/2013 12:23 AM
Heat Content, BTU		**Method: D240**		**SW5050**		**Analyst: MB3**
BTU	16,000	1.0		BTU/lb.	1	9/6/2013 10:29 AM
TCLP Metals, VOCs and SVOCs Metals, ICP/OES		**Method: SW6010C**		**SW3020A**		**Analyst: MK**
Arsenic	ND	40		µg/L	1	9/9/2013 12:22 PM
Barium	810	200		µg/L	1	9/9/2013 12:22 PM
Cadmium	3.8	5.0	J	µg/L	1	9/9/2013 12:22 PM
Chromium	3.6	10	J	µg/L	1	9/9/2013 12:22 PM
Lead	13	100	J	µg/L	1	9/9/2013 12:22 PM
Selenium	ND	40		µg/L	1	9/9/2013 12:22 PM
Silver	1.3	20	J	µg/L	1	9/9/2013 12:22 PM
TCLP Metals, VOCs and SVOCs Mercury		**Method: SW7470A**		**SW7470**		**Analyst: AB2**
Mercury	15	2.0		µg/L	10	9/6/2013 11:17 AM
TCLP Metals, VOCs and SVOCs Semi-Volatile Organic Compounds		**Method: SW8270D**		**SW3510C**		**Analyst: JH1**
2,4,5-Trichlorophenol	ND	100		µg/L	4	9/6/2013 12:57 PM
2,4,6-Trichlorophenol	ND	80		µg/L	4	9/6/2013 12:57 PM
2,4-Dinitrotoluene	ND	100		µg/L	4	9/6/2013 12:57 PM
2-Methylphenol	ND	100		µg/L	4	9/6/2013 12:57 PM
3/4 Methylphenol	ND	200		µg/L	4	9/6/2013 12:57 PM
Hexachlorobenzene	ND	20		µg/L	4	9/6/2013 12:57 PM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-001	**Matrix:**	Oil
Client Sample ID:	PL-OL-01		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	20		µg/L	4	9/6/2013 12:57 PM
Hexachloroethane	ND	100		µg/L	4	9/6/2013 12:57 PM
Nitrobenzene	ND	60		µg/L	4	9/6/2013 12:57 PM
Pentachlorophenol	ND	100		µg/L	4	9/6/2013 12:57 PM
Pyridine	ND	200		µg/L	4	9/6/2013 12:57 PM
Surr: 2,4,6-Tribromophenol	74.9	40-125		%REC	4	9/6/2013 12:57 PM
Surr: 2-Fluorobiphenyl	66.1	50-110		%REC	4	9/6/2013 12:57 PM
Surr: 2-Fluorophenol	47.7	20-110	m	%REC	4	9/6/2013 12:57 PM
Surr: Nitrobenzene-d5	62.2	40-110		%REC	4	9/6/2013 12:57 PM
Surr: Phenol-d5	56.2	20-130		%REC	4	9/6/2013 12:57 PM
Surr: Terphenyl-d14	86.9	50-135		%REC	4	9/6/2013 12:57 PM

TCLP Metals, VOCs and SVOCs — **Method: SW8260B** — **Analyst: AS1**

Volatile Organic Compounds

1,1-Dichloroethene	ND	200		µg/L	200	9/7/2013 5:16 PM
1,2-Dichloroethane	ND	200		µg/L	200	9/7/2013 5:16 PM
1,4-Dichlorobenzene	ND	200		µg/L	200	9/7/2013 5:16 PM
Benzene	ND	200		µg/L	200	9/7/2013 5:16 PM
Carbon tetrachloride	ND	200		µg/L	200	9/7/2013 5:16 PM
Chlorobenzene	ND	200		µg/L	200	9/7/2013 5:16 PM
Chloroform	ND	200		µg/L	200	9/7/2013 5:16 PM
Methyl ethyl ketone	ND	2,000		µg/L	200	9/7/2013 5:16 PM
Tetrachloroethene	ND	200		µg/L	200	9/7/2013 5:16 PM
Trichloroethene	ND	200		µg/L	200	9/7/2013 5:16 PM
Vinyl chloride	ND	200		µg/L	200	9/7/2013 5:16 PM
Surr: 4-Bromofluorobenzene	99.8	75-120		%REC	200	9/7/2013 5:16 PM
Surr: Dibromofluoromethane	90.6	85-115		%REC	200	9/7/2013 5:16 PM
Surr: Toluene-d8	93.7	85-120		%REC	200	9/7/2013 5:16 PM

Ignitability — **Method: SW1010** — **Analyst: JE**

Ignitability	>200	70		°F	1	9/4/2013 10:00 AM

Solid pH Measured in Water at Reported Temperature — **Method: SW9045D** — **Analyst: JE**

Hydrogen Ion (pH)	7.00			pH Units	1	9/4/2013 9:30 AM
Temperature	20.1			°C	1	9/4/2013 9:30 AM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-002	**Matrix:**	Solid
Client Sample ID:	PL-SL-02		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
TCLP Metals, VOCs and SVOCs		**Method: SW6010C**		**SW3020A**		**Analyst: MK**
Metals, ICP/OES						
Arsenic	ND	40		µg/L	1	9/9/2013 12:29 PM
Barium	1,400	200		µg/L	1	9/9/2013 12:29 PM
Cadmium	1.1	5.0	J	µg/L	1	9/9/2013 12:29 PM
Chromium	2.8	10	J	µg/L	1	9/9/2013 12:29 PM
Lead	11	100	J	µg/L	1	9/9/2013 12:29 PM
Selenium	ND	40		µg/L	1	9/9/2013 12:29 PM
Silver	0.54	20	J	µg/L	1	9/9/2013 12:29 PM
TCLP Metals, VOCs and SVOCs		**Method: SW7470A**		**SW7470**		**Analyst: AB2**
Mercury						
Mercury	660	20	*	µg/L	100	9/6/2013 11:18 AM
TCLP Metals, VOCs and SVOCs		**Method: SW8270D**		**SW3510C**		**Analyst: JH1**
Semi-Volatile Organic Compounds						
2,4,5-Trichlorophenol	ND	25		µg/L	1	9/6/2013 12:32 PM
2,4,6-Trichlorophenol	ND	20		µg/L	1	9/6/2013 12:32 PM
2,4-Dinitrotoluene	ND	25		µg/L	1	9/6/2013 12:32 PM
2-Methylphenol	ND	25		µg/L	1	9/6/2013 12:32 PM
3/4 Methylphenol	ND	50		µg/L	1	9/6/2013 12:32 PM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2013 12:32 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2013 12:32 PM
Hexachloroethane	ND	25		µg/L	1	9/6/2013 12:32 PM
Nitrobenzene	ND	15		µg/L	1	9/6/2013 12:32 PM
Pentachlorophenol	ND	25		µg/L	1	9/6/2013 12:32 PM
Pyridine	ND	50		µg/L	1	9/6/2013 12:32 PM
Surr: 2,4,6-Tribromophenol	95.9	40-125		%REC	1	9/6/2013 12:32 PM
Surr: 2-Fluorobiphenyl	39.2	50-110	S	%REC	1	9/6/2013 12:32 PM
Surr: 2-Fluorophenol	33.5	20-110	m	%REC	1	9/6/2013 12:32 PM
Surr: Nitrobenzene-d5	38.7	40-110	S	%REC	1	9/6/2013 12:32 PM
Surr: Phenol-d5	34.4	20-130		%REC	1	9/6/2013 12:32 PM
Surr: Terphenyl-d14	120	50-135		%REC	1	9/6/2013 12:32 PM
TCLP Metals, VOCs and SVOCs		**Method: SW8260B**				**Analyst: AS1**
Volatile Organic Compounds						
1,1-Dichloroethene	ND	200		µg/L	200	9/7/2013 5:41 PM
1,2-Dichloroethane	ND	200		µg/L	200	9/7/2013 5:41 PM
1,4-Dichlorobenzene	ND	200		µg/L	200	9/7/2013 5:41 PM
Benzene	ND	200		µg/L	200	9/7/2013 5:41 PM
Carbon tetrachloride	ND	200		µg/L	200	9/7/2013 5:41 PM
Chlorobenzene	ND	200		µg/L	200	9/7/2013 5:41 PM
Chloroform	ND	200		µg/L	200	9/7/2013 5:41 PM
Methyl ethyl ketone	ND	2,000		µg/L	200	9/7/2013 5:41 PM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-002	**Matrix:**	Solid
Client Sample ID:	PL-SL-02		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Tetrachloroethene	ND	200		µg/L	200	9/7/2013 5:41 PM
Trichloroethene	ND	200		µg/L	200	9/7/2013 5:41 PM
Vinyl chloride	ND	200		µg/L	200	9/7/2013 5:41 PM
Surr: 4-Bromofluorobenzene	98.5	75-120		%REC	200	9/7/2013 5:41 PM
Surr: Dibromofluoromethane	95.2	85-115		%REC	200	9/7/2013 5:41 PM
Surr: Toluene-d8	93.7	85-120		%REC	200	9/7/2013 5:41 PM

Ignitability	**Method: SW1030**					**Analyst: JE**
Ignitability	DNI	0.10		mm/sec	1	9/4/2013 10:00 AM

Solid pH Measured in Water at Reported Temperature	**Method: SW9045D**					**Analyst: JE**
Hydrogen Ion (pH)	7.18			pH Units	1	9/4/2013 9:30 AM
Temperature	20.6			°C	1	9/4/2013 9:30 AM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-003	**Matrix:**	Liquid
Client Sample ID:	PL-BL-03		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
TCLP Metals, VOCs and SVOCs		**Method: SW6010C**		**SW3020A**		**Analyst: MK**
Metals, ICP/OES						
Arsenic	ND	200		µg/L	1	9/9/2013 1:10 PM
Barium	260	1,000	J	µg/L	1	9/9/2013 1:10 PM
Cadmium	7.0	25	J	µg/L	1	9/9/2013 1:10 PM
Chromium	11	50	J	µg/L	1	9/9/2013 1:10 PM
Lead	93	500	J	µg/L	1	9/9/2013 1:10 PM
Selenium	ND	200		µg/L	1	9/9/2013 1:10 PM
Silver	2.6	100	J	µg/L	1	9/9/2013 1:10 PM
TCLP Metals, VOCs and SVOCs		**Method: SW7470A**		**SW7470**		**Analyst: AB2**
Mercury						
Mercury	0.44	0.50	J	µg/L	1	9/6/2013 10:56 AM
TCLP Metals, VOCs and SVOCs		**Method: SW8270D**		**SW3510C**		**Analyst: JH1**
Semi-Volatile Organic Compounds						
2,4,5-Trichlorophenol	ND	150,000		µg/L	100	9/6/2013 3:05 PM
2,4,6-Trichlorophenol	ND	120,000		µg/L	100	9/6/2013 3:05 PM
2,4-Dinitrotoluene	ND	150,000		µg/L	100	9/6/2013 3:05 PM
2-Methylphenol	ND	150,000		µg/L	100	9/6/2013 3:05 PM
3/4 Methylphenol	ND	300,000		µg/L	100	9/6/2013 3:05 PM
Hexachlorobenzene	ND	30,000		µg/L	100	9/6/2013 3:05 PM
Hexachlorobutadiene	ND	30,000		µg/L	100	9/6/2013 3:05 PM
Hexachloroethane	ND	150,000		µg/L	100	9/6/2013 3:05 PM
Nitrobenzene	ND	90,000		µg/L	100	9/6/2013 3:05 PM
Pentachlorophenol	ND	150,000		µg/L	100	9/6/2013 3:05 PM
Pyridine	ND	300,000		µg/L	100	9/6/2013 3:05 PM
Surr: 2,4,6-Tribromophenol	0	40-125	S	%REC	100	9/6/2013 3:05 PM
Surr: 2-Fluorobiphenyl	0	50-110	S	%REC	100	9/6/2013 3:05 PM
Surr: 2-Fluorophenol	0	20-110	S	%REC	100	9/6/2013 3:05 PM
Surr: Nitrobenzene-d5	0	40-110	S	%REC	100	9/6/2013 3:05 PM
Surr: Phenol-d5	0	20-130	S	%REC	100	9/6/2013 3:05 PM
Surr: Terphenyl-d14	0	50-135	S	%REC	100	9/6/2013 3:05 PM
TCLP Metals, VOCs and SVOCs		**Method: SW8260B**				**Analyst: AS1**
Volatile Organic Compounds						
1,1-Dichloroethene	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
1,2-Dichloroethane	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
1,4-Dichlorobenzene	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
Benzene	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
Carbon tetrachloride	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
Chlorobenzene	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
Chloroform	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
Methyl ethyl ketone	ND	50,000		µg/L	5000	9/7/2013 6:32 PM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-003	**Matrix:**	Liquid
Client Sample ID:	PL-BL-03		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Tetrachloroethene	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
Trichloroethene	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
Vinyl chloride	ND	5,000		µg/L	5000	9/7/2013 6:32 PM
Surr: 4-Bromofluorobenzene	108	75-120		%REC	5000	9/7/2013 6:32 PM
Surr: Dibromofluoromethane	89.7	85-115		%REC	5000	9/7/2013 6:32 PM
Surr: Toluene-d8	94.6	85-120		%REC	5000	9/7/2013 6:32 PM
Ignitability		**Method: SW1010**				**Analyst: JE**
Ignitability	>200	70		°F	1	9/4/2013 10:00 AM
Solid pH Measured in Water at Reported Temperature		**Method: SW9045D**				**Analyst: JE**
Hydrogen Ion (pH)	12.2		E	pH Units	1	9/4/2013 9:30 AM
Temperature	20.5			°C	1	9/4/2013 9:30 AM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-004	**Matrix:**	Liquid
Client Sample ID:	PL-NL-04		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
TCLP Metals, VOCs and SVOCs Metals, ICP/OES		**Method: SW6010C**		**SW3020A**		**Analyst: MK**
Arsenic	73	200	J	µg/L	1	9/9/2013 1:31 PM
Barium	340	1,000	J	µg/L	1	9/9/2013 1:31 PM
Cadmium	12	25	J	µg/L	1	9/9/2013 1:31 PM
Chromium	21	50	J	µg/L	1	9/9/2013 1:31 PM
Lead	46	500	J	µg/L	1	9/9/2013 1:31 PM
Selenium	ND	200		µg/L	1	9/9/2013 1:31 PM
Silver	12	100	J	µg/L	1	9/9/2013 1:31 PM
TCLP Metals, VOCs and SVOCs Mercury		**Method: SW7470A**		**SW7470**		**Analyst: AB2**
Mercury	0.31	0.50	J	µg/L	1	9/6/2013 11:01 AM
Semi-Volatile Organic Compounds		**Method: SW8270D**		**SW3580A**		**Analyst: JH1**
2,4,5-Trichlorophenol	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
2,4,6-Trichlorophenol	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
2,4-Dinitrotoluene	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
2-Methylphenol	ND	19		mg/Kg	1	9/6/2013 4:22 PM
3/4 Methylphenol	ND	19		mg/Kg	1	9/6/2013 4:22 PM
Hexachlorobenzene	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
Hexachlorobutadiene	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
Hexachloroethane	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
Nitrobenzene	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
Pentachlorophenol	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
Pyridine	ND	4.8		mg/Kg	1	9/6/2013 4:22 PM
Surr: 2,4,6-Tribromophenol	0	50-130	S	%REC	1	9/6/2013 4:22 PM
Surr: 2-Fluorobiphenyl	0	50-130	S	%REC	1	9/6/2013 4:22 PM
Surr: 2-Fluorophenol	0	50-130	S	%REC	1	9/6/2013 4:22 PM
Surr: Nitrobenzene-d5	0	50-130	S	%REC	1	9/6/2013 4:22 PM
Surr: Phenol-d5	0	50-130	S	%REC	1	9/6/2013 4:22 PM
Surr: Terphenyl-d14	0	50-130	S	%REC	1	9/6/2013 4:22 PM
TCLP Metals, VOCs and SVOCs Volatile Organic Compounds		**Method: SW8260B**				**Analyst: AS1**
1,1-Dichloroethene	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
1,2-Dichloroethane	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
1,4-Dichlorobenzene	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
Benzene	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
Carbon tetrachloride	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
Chlorobenzene	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
Chloroform	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
Methyl ethyl ketone	ND	50,000		µg/L	5000	9/7/2013 7:47 PM
Tetrachloroethene	ND	5,000		µg/L	5000	9/7/2013 7:47 PM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-004	**Matrix:**	Liquid
Client Sample ID:	PL-NL-04		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Trichloroethene	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
Vinyl chloride	ND	5,000		µg/L	5000	9/7/2013 7:47 PM
Surr: 4-Bromofluorobenzene	104	75-120		%REC	5000	9/7/2013 7:47 PM
Surr: Dibromofluoromethane	93.5	85-115		%REC	5000	9/7/2013 7:47 PM
Surr: Toluene-d8	93.3	85-120		%REC	5000	9/7/2013 7:47 PM
Ignitability		**Method: SW1010**				**Analyst: JE**
Ignitability	>200	70		°F	1	9/4/2013 10:00 AM
Solid pH Measured in Water at Reported Temperature		**Method: SW9045D**				**Analyst: JE**
Hydrogen Ion (pH)	7.42			pH Units	1	9/4/2013 9:30 AM
Temperature	20.1			°C	1	9/4/2013 9:30 AM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-005	**Matrix:**	Liquid/Solid
Client Sample ID:	PL-Trench-05		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls		**Method: SW8082A**		**SW3550C**		**Analyst: MB**
Aroclor 1016	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Aroclor 1221	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Aroclor 1232	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Aroclor 1242	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Aroclor 1248	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Aroclor 1254	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Aroclor 1260	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Aroclor 1262	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Total PCBs	ND	190		µg/Kg	1	9/7/2013 4:46 AM
Surr: Tetrachloro-m-xylene	65.2	60-125		%REC	1	9/7/2013 4:46 AM
Surr: Decachlorobiphenyl	96.4	60-125		%REC	1	9/7/2013 4:46 AM
TCLP Metals, VOCs and SVOCs Metals, ICP/OES		**Method: SW6010C**		**SW3020A**		**Analyst: MK**
Arsenic	ND	40		µg/L	1	9/9/2013 12:36 PM
Barium	980	200		µg/L	1	9/9/2013 12:36 PM
Cadmium	29	5.0		µg/L	1	9/9/2013 12:36 PM
Chromium	32	10		µg/L	1	9/9/2013 12:36 PM
Lead	ND	100		µg/L	1	9/9/2013 12:36 PM
Selenium	ND	40		µg/L	1	9/9/2013 12:36 PM
Silver	ND	20		µg/L	1	9/9/2013 12:36 PM
TCLP Metals, VOCs and SVOCs Mercury		**Method: SW7470A**		**SW7470**		**Analyst: AB2**
Mercury	0.071	0.20	J	µg/L	1	9/6/2013 10:51 AM
TCLP Metals, VOCs and SVOCs Semi-Volatile Organic Compounds		**Method: SW8270D**		**SW3510C**		**Analyst: JH1**
2,4,5-Trichlorophenol	ND	250		µg/L	10	9/6/2013 2:14 PM
2,4,6-Trichlorophenol	ND	200		µg/L	10	9/6/2013 2:14 PM
2,4-Dinitrotoluene	ND	250		µg/L	10	9/6/2013 2:14 PM
2-Methylphenol	ND	250		µg/L	10	9/6/2013 2:14 PM
3/4 Methylphenol	ND	500		µg/L	10	9/6/2013 2:14 PM
Hexachlorobenzene	ND	50		µg/L	10	9/6/2013 2:14 PM
Hexachlorobutadiene	ND	50		µg/L	10	9/6/2013 2:14 PM
Hexachloroethane	ND	250		µg/L	10	9/6/2013 2:14 PM
Nitrobenzene	ND	150		µg/L	10	9/6/2013 2:14 PM
Pentachlorophenol	ND	250		µg/L	10	9/6/2013 2:14 PM
Pyridine	ND	500		µg/L	10	9/6/2013 2:14 PM
Surr: 2,4,6-Tribromophenol	82.8	40-125		%REC	10	9/6/2013 2:14 PM
Surr: 2-Fluorobiphenyl	74.0	50-110		%REC	10	9/6/2013 2:14 PM
Surr: 2-Fluorophenol	0	20-110	S	%REC	10	9/6/2013 2:14 PM
Surr: Nitrobenzene-d5	72.8	40-110		%REC	10	9/6/2013 2:14 PM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-005	**Matrix:**	Liquid/Solid
Client Sample ID:	PL-Trench-05		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Surr: Phenol-d5	0	20-130	S	%REC	10	9/6/2013 2:14 PM
Surr: Terphenyl-d14	90.8	50-135		%REC	10	9/6/2013 2:14 PM
TCLP Metals, VOCs and SVOCs Volatile Organic Compounds		**Method: SW8260B**				**Analyst: AS1**
1,1-Dichloroethene	ND	200		µg/L	200	9/7/2013 6:06 PM
1,2-Dichloroethane	ND	200		µg/L	200	9/7/2013 6:06 PM
1,4-Dichlorobenzene	ND	200		µg/L	200	9/7/2013 6:06 PM
Benzene	ND	200		µg/L	200	9/7/2013 6:06 PM
Carbon tetrachloride	ND	200		µg/L	200	9/7/2013 6:06 PM
Chlorobenzene	ND	200		µg/L	200	9/7/2013 6:06 PM
Chloroform	ND	200		µg/L	200	9/7/2013 6:06 PM
Methyl ethyl ketone	35,000	2,000		µg/L	200	9/7/2013 6:06 PM
Tetrachloroethene	ND	200		µg/L	200	9/7/2013 6:06 PM
Trichloroethene	ND	200		µg/L	200	9/7/2013 6:06 PM
Vinyl chloride	ND	200		µg/L	200	9/7/2013 6:06 PM
Surr: 4-Bromofluorobenzene	101	75-120		%REC	200	9/7/2013 6:06 PM
Surr: Dibromofluoromethane	92.2	85-115		%REC	200	9/7/2013 6:06 PM
Surr: Toluene-d8	94.5	85-120		%REC	200	9/7/2013 6:06 PM
Ignitability		**Method: SW1030**				**Analyst: JE**
Ignitability	4.0	0.10		mm/sec	1	9/4/2013 10:00 AM
Solid pH Measured in Water at Reported Temperature		**Method: SW9045D**				**Analyst: JE**
Hydrogen Ion (pH)	5.41			pH Units	1	9/4/2013 9:30 AM
Temperature	20.1			°C	1	9/4/2013 9:30 AM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-006	**Matrix:**	Oil
Client Sample ID:	PL-Transf-06		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls		**Method: SW8082A**				**Analyst: MB**
Aroclor 1016	ND	0.96		mg/Kg	1	9/7/2013 10:36 PM
Aroclor 1221	ND	0.96		mg/Kg	1	9/7/2013 10:36 PM
Aroclor 1232	ND	0.96		mg/Kg	1	9/7/2013 10:36 PM
Aroclor 1242	ND	0.96		mg/Kg	1	9/7/2013 10:36 PM
Aroclor 1248	ND	0.96		mg/Kg	1	9/7/2013 10:36 PM
Aroclor 1254	ND	0.96		mg/Kg	1	9/7/2013 10:36 PM
Aroclor 1260	0.48	0.96	J	mg/Kg	1	9/7/2013 10:36 PM
Aroclor 1262	ND	0.96		mg/Kg	1	9/7/2013 10:36 PM
Total PCBs	0.48	0.96	J	mg/Kg	1	9/7/2013 10:36 PM
Surr: Tetrachloro-m-xylene	75.5	70-130		%REC	1	9/7/2013 10:36 PM
Surr: Decachlorobiphenyl	91.5	70-130		%REC	1	9/7/2013 10:36 PM
Total Halogens by IC Inorganic Anions		**Method: SW9056A**		**SW5050**		**Analyst: CR**
Bromide	ND	0.13		mg/Kg	1	9/7/2013 12:43 AM
Chloride	460	0.25		mg/Kg	1	9/7/2013 12:43 AM
Fluoride	7.3	0.13		mg/Kg	1	9/7/2013 12:43 AM
Heat Content, BTU		**Method: D240**		**SW5050**		**Analyst: MB3**
BTU	20,000	1.0		BTU/lb.	1	9/6/2013 10:29 AM
TCLP Metals, VOCs and SVOCs Metals, ICP/OES		**Method: SW6010C**		**SW3020A**		**Analyst: MK**
Arsenic	ND	200		µg/L	1	9/9/2013 1:58 PM
Barium	730	1,000	J	µg/L	1	9/9/2013 1:58 PM
Cadmium	6.3	25	J	µg/L	1	9/9/2013 1:58 PM
Chromium	ND	50		µg/L	1	9/9/2013 1:58 PM
Lead	27	500	J	µg/L	1	9/9/2013 1:58 PM
Selenium	ND	200		µg/L	1	9/9/2013 1:58 PM
Silver	4.6	100	J	µg/L	1	9/9/2013 1:58 PM
TCLP Metals, VOCs and SVOCs Mercury		**Method: SW7470A**		**SW7470**		**Analyst: AB2**
Mercury	0.42	0.50	J	µg/L	1	9/6/2013 11:03 AM
Semi-Volatile Organic Compounds		**Method: SW8270D**		**SW3580A**		**Analyst: JH1**
2,4,5-Trichlorophenol	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM
2,4,6-Trichlorophenol	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM
2,4-Dinitrotoluene	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM
2-Methylphenol	ND	18		mg/Kg	1	9/6/2013 3:56 PM
3 & 4-Methylphenol	ND	18		mg/Kg	1	9/6/2013 3:56 PM
Hexachlorobenzene	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM
Hexachlorobutadiene	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM

RTI Laboratories - Analytical Report

WO#: 1309041

Date Reported: 9/10/2013
Original

Client:	Environmental Restoration LLC	**Collection Date:**	8/30/2013 8:30:00 AM
Project:	Plastech Engineered Products Site		
Lab ID:	1309041-006	**Matrix:**	Oil
Client Sample ID:	PL-Transf-06		

Analysis	Result	RL	Qual	Units	DF	Date Analyzed
Hexachloroethane	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM
Nitrobenzene	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM
Pentachlorophenol	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM
Pyridine	ND	4.5		mg/Kg	1	9/6/2013 3:56 PM
Surr: 2,4,6-Tribromophenol	0	50-130	S	%REC	1	9/6/2013 3:56 PM
Surr: 2-Fluorobiphenyl	0	50-130	S	%REC	1	9/6/2013 3:56 PM
Surr: 2-Fluorophenol	0	50-130	S	%REC	1	9/6/2013 3:56 PM
Surr: Nitrobenzene-d5	0	50-130	S	%REC	1	9/6/2013 3:56 PM
Surr: Phenol-d5	0	50-130	S	%REC	1	9/6/2013 3:56 PM
Surr: Terphenyl-d14	0	50-130	S	%REC	1	9/6/2013 3:56 PM
TCLP Metals, VOCs and SVOCs Volatile Organic Compounds	**Method: SW8260B**					**Analyst: AS1**
1,1-Dichloroethene	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
1,2-Dichloroethane	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
1,4-Dichlorobenzene	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
Benzene	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
Carbon tetrachloride	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
Chlorobenzene	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
Chloroform	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
Methyl ethyl ketone	ND	500,000		µg/L	50000	9/7/2013 8:13 PM
Tetrachloroethene	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
Trichloroethene	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
Vinyl chloride	ND	50,000		µg/L	50000	9/7/2013 8:13 PM
Surr: 4-Bromofluorobenzene	104	75-120		%REC	50000	9/7/2013 8:13 PM
Surr: Dibromofluoromethane	92.9	85-115		%REC	50000	9/7/2013 8:13 PM
Surr: Toluene-d8	93.4	85-120		%REC	50000	9/7/2013 8:13 PM
Ignitability	**Method: SW1010**					**Analyst: JE**
Ignitability	>200	70		°F	1	9/4/2013 10:00 AM
Solid pH Measured in Water at Reported Temperature	**Method: SW9045D**					**Analyst: JE**
Hydrogen Ion (pH)	6.98			pH Units	1	9/4/2013 9:30 AM
Temperature	20.4			°C	1	9/4/2013 9:30 AM

RTI Laboratories - DATES REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
1309041-001A	PL-OL-01	8/30/2013 8:30 AM	Oil				
				ASTM-D240-Heat Content, BTU	9/4/2013 2:00 PM	9/6/2013 10:26 AM	9/6/2013 10:29 AM
				SW_1010-Ignitability	9/4/2013 2:00 PM		9/4/2013 10:00 AM
				SW_9056S-Inorganic Anions	9/4/2013 2:00 PM	9/6/2013 10:26 AM	9/7/2013 12:23 AM
				SW_7470A-Mercury	9/4/2013 2:00 PM	9/5/2013 9:56 AM	9/6/2013 10:35 AM
				SW_7470A-Mercury	9/4/2013 2:00 PM	9/5/2013 9:56 AM	9/6/2013 11:17 AM
				SW_6010A-Metals, ICP/OES	9/4/2013 2:00 PM	9/5/2013 9:15 AM	9/9/2013 12:22 PM
				SW_8082O-Polychlorinated Biphenyls	9/4/2013 2:00 PM	9/5/2013 12:39 PM	9/7/2013 9:52 PM
				SW_8270A-Semi-Volatile Organic Compounds	9/4/2013 2:00 PM	9/5/2013 10:33 AM	9/6/2013 12:57 PM
				SW_9045-Solid pH Measured in Water at Reported Temperature	9/4/2013 2:00 PM		9/4/2013 9:30 AM
				SW_8260A-Volatile Organic Compounds	9/4/2013 2:00 PM	9/7/2013 5:16 PM	9/7/2013 5:16 PM
1309041-002A	PL-SL-02	8/30/2013 8:30 AM	Solid				
				SW_1030S-Ignitability	9/4/2013 2:00 PM		9/4/2013 10:00 AM
				SW_7470A-Mercury	9/4/2013 2:00 PM	9/5/2013 9:56 AM	9/6/2013 10:38 AM
				SW_7470A-Mercury	9/4/2013 2:00 PM	9/5/2013 9:56 AM	9/6/2013 11:18 AM
				SW_6010A-Metals, ICP/OES	9/4/2013 2:00 PM	9/5/2013 9:15 AM	9/9/2013 12:29 PM
				SW_8270A-Semi-Volatile Organic Compounds	9/4/2013 2:00 PM	9/5/2013 10:33 AM	9/6/2013 12:32 PM
				SW_9045-Solid pH Measured in Water at Reported Temperature	9/4/2013 2:00 PM		9/4/2013 9:30 AM
				SW_8260A-Volatile Organic Compounds	9/4/2013 2:00 PM	9/7/2013 5:41 PM	9/7/2013 5:41 PM
1309041-003A	PL-BL-03	8/30/2013 8:30 AM	Liquid				
				SW_1010-Ignitability	9/4/2013 11:00 AM		9/4/2013 10:00 AM
				SW_7470A-Mercury	9/4/2013 11:00 AM	9/5/2013 9:57 AM	9/6/2013 10:56 AM
				SW_6010A-Metals, ICP/OES	9/4/2013 11:00 AM	9/5/2013 9:15 AM	9/9/2013 1:10 PM
				SW_8270A-Semi-Volatile Organic Compounds	9/4/2013 11:00 AM	9/5/2013 10:33 AM	9/6/2013 3:05 PM
				SW_9045-Solid pH Measured in Water at Reported Temperature	9/4/2013 11:00 AM		9/4/2013 9:30 AM
				SW_8260A-Volatile Organic Compounds	9/4/2013 11:00 AM	9/7/2013 6:32 PM	9/7/2013 6:32 PM
1309041-004A	PL-NL-04	8/30/2013 8:30 AM	Liquid				
				SW_1010-Ignitability	9/4/2013 11:00 AM		9/4/2013 10:00 AM
				SW_7470A-Mercury	9/4/2013 11:00 AM	9/5/2013 9:57 AM	9/6/2013 11:01 AM
				SW_6010A-Metals, ICP/OES	9/4/2013 11:00 AM	9/5/2013 9:15 AM	9/9/2013 1:31 PM

RTI Laboratories - DATES REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
1309041-004A	PL-NL-04	8/30/2013 8:30 AM	Liquid				
				SW_8270-O-Semi-Volatile Organic Compounds	9/4/2013 11:00 AM	9/5/2013 1:16 PM	9/6/2013 4:22 PM
				SW_9045-Solid pH Measured in Water at Reported Temperature	9/4/2013 11:00 AM		9/4/2013 9:30 AM
				SW_8260A-Volatile Organic Compounds	9/4/2013 11:00 AM	9/7/2013 7:47 PM	9/7/2013 7:47 PM
1309041-005A	PL-Trench-05	8/30/2013 8:30 AM	Liquid/Solid				
				SW_1030S-Ignitability	9/4/2013 2:00 PM		9/4/2013 10:00 AM
				SW_7470A-Mercury	9/4/2013 2:00 PM	9/5/2013 9:56 AM	9/6/2013 10:51 AM
				SW_6010A-Metals, ICP/OES	9/4/2013 2:00 PM	9/5/2013 9:15 AM	9/9/2013 12:36 PM
				SW_8082S-Polychlorinated Biphenyls	9/4/2013 2:00 PM	9/4/2013 8:46 AM	9/7/2013 4:46 AM
				SW_8270A-Semi-Volatile Organic Compounds	9/4/2013 2:00 PM	9/5/2013 10:33 AM	9/6/2013 2:14 PM
				SW_9045-Solid pH Measured in Water at Reported Temperature	9/4/2013 2:00 PM		9/4/2013 9:30 AM
				SW_8260A-Volatile Organic Compounds	9/4/2013 2:00 PM	9/7/2013 6:06 PM	9/7/2013 6:06 PM
1309041-006A	PL-Transf-06	8/30/2013 8:30 AM	Oil				
				ASTM-D240-Heat Content, BTU	9/4/2013 11:00 AM	9/6/2013 10:26 AM	9/6/2013 10:29 AM
				SW_1010-Ignitability	9/4/2013 11:00 AM		9/4/2013 10:00 AM
				SW_9056S-Inorganic Anions	9/4/2013 11:00 AM	9/6/2013 10:26 AM	9/7/2013 12:43 AM
				SW_7470A-Mercury	9/4/2013 11:00 AM	9/5/2013 9:57 AM	9/6/2013 11:03 AM
				SW_6010A-Metals, ICP/OES	9/4/2013 11:00 AM	9/5/2013 9:15 AM	9/9/2013 1:52 PM
				SW_6010A-Metals, ICP/OES	9/4/2013 11:00 AM	9/5/2013 9:15 AM	9/9/2013 1:58 PM
				SW_8082O-Polychlorinated Biphenyls	9/4/2013 11:00 AM	9/5/2013 12:39 PM	9/7/2013 10:36 PM
				SW_8270-O-Semi-Volatile Organic Compounds	9/4/2013 11:00 AM	9/5/2013 1:16 PM	9/6/2013 3:56 PM
				SW_9045-Solid pH Measured in Water at Reported Temperature	9/4/2013 11:00 AM		9/4/2013 9:30 AM
				SW_8260A-Volatile Organic Compounds	9/4/2013 11:00 AM	9/7/2013 8:13 PM	9/7/2013 8:13 PM

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30782**

Sample ID:	**1308891-002AMS**	Samp Type:	**MS**	Test Code:	**SW_8082S**	Units:	**µg/Kg**	Prep Date:	**9/4/2013**	RunNo:	**61268**
Client ID:	**ZZZZZZ**	Batch ID:	**30782**	TestNo:	**SW8082**	**SW3550C**		Analysis Date:	**9/6/2013**	SeqNo:	**1200693**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1016	120	32	160.5	0	76.2	40	140				
Aroclor 1260	130	32	160.5	0	81.5	60	130				
Surr: Tetrachloro-m-xylene	5.8		8.026		72.8	60	125				
Surr: Decachlorobiphenyl	7.1		8.026		88.3	60	125				

Sample ID:	**1308891-002AMSD**	Samp Type:	**MSD**	Test Code:	**SW_8082S**	Units:	**µg/Kg**	Prep Date:	**9/4/2013**	RunNo:	**61268**
Client ID:	**ZZZZZZ**	Batch ID:	**30782**	TestNo:	**SW8082**	**SW3550C**		Analysis Date:	**9/6/2013**	SeqNo:	**1200694**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1016	130	31	156.5	0	80.1	40	140	122.3	2.49	25	
Aroclor 1260	130	31	156.5	0	84.6	60	130	130.8	1.22	25	
Surr: Tetrachloro-m-xylene	5.9		7.825		75.4	60	125		0	25	
Surr: Decachlorobiphenyl	7.1		7.825		90.2	60	125		0	25	

Sample ID:	**LCS-30782**	Samp Type:	**LCS**	Test Code:	**SW_8082S**	Units:	**µg/Kg**	Prep Date:	**9/4/2013**	RunNo:	**61268**
Client ID:	**LCSS**	Batch ID:	**30782**	TestNo:	**SW8082**	**SW3550C**		Analysis Date:	**9/6/2013**	SeqNo:	**1200727**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1016	140	32	161.3	0	85.4	40	140				
Aroclor 1260	140	32	161.3	0	85.2	60	130				
Surr: Tetrachloro-m-xylene	7.1		8.067		88.2	60	125				
Surr: Decachlorobiphenyl	7.4		8.067		91.8	60	125				

Sample ID:	**MB-30782**	Samp Type:	**MBLK**	Test Code:	**SW_8082S**	Units:	**µg/Kg**	Prep Date:	**9/4/2013**	RunNo:	**61268**
Client ID:	**PBS**	Batch ID:	**30782**	TestNo:	**SW8082**	**SW3550C**		Analysis Date:	**9/6/2013**	SeqNo:	**1200729**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33									
Aroclor 1221	ND	33									
Aroclor 1232	ND	33									
Aroclor 1242	ND	33									
Aroclor 1248	ND	33									

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30782**

Sample ID:	**MB-30782**	Samp Type:	**MBLK**	Test Code:	**SW_8082S**	Units:	**µg/Kg**	Prep Date:	**9/4/2013**	RunNo:	**61268**
Client ID:	**PBS**	Batch ID:	**30782**	TestNo:	**SW8082**	**SW3550C**		Analysis Date:	**9/6/2013**	SeqNo:	**1200729**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1254	ND	33									
Aroclor 1260	ND	33									
Aroclor 1262	ND	33									
Total PCBs	ND	33									
Surr: Tetrachloro-m-xylene	7.0		8.218		84.7	60	125				
Surr: Decachlorobiphenyl	8.1		8.218		98.8	60	125				

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30799**

Sample ID:	**MB-30799**	Samp Type:	**MBLK**	Test Code:	**SW_6010A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61281**
Client ID:	**PBW**	Batch ID:	**30799**	TestNo:	**SW6010B**	**SW3020A**		Analysis Date:	**9/9/2013**	SeqNo:	**1200895**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Arsenic	ND	40									
Barium	22	200									J
Cadmium	ND	5.0									
Chromium	ND	10									
Lead	ND	100									
Selenium	ND	40									
Silver	0.52	20									J

Sample ID:	**LCS-30799**	Samp Type:	**LCS**	Test Code:	**SW_6010A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61281**
Client ID:	**LCSW**	Batch ID:	**30799**	TestNo:	**SW6010B**	**SW3020A**		Analysis Date:	**9/9/2013**	SeqNo:	**1200896**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Arsenic	540	40	500.0	0	109	80	120				
Barium	520	200	500.0	0	104	80	120				
Cadmium	480	5.0	500.0	0	95.5	80	120				
Chromium	510	10	500.0	0	102	80	120				
Lead	500	100	500.0	0	100	80	120				
Selenium	510	40	500.0	0	102	80	120				
Silver	590	20	500.0	0	118	80	120				

Sample ID:	**1308B49-001AMS**	Samp Type:	**MS**	Test Code:	**SW_6010A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61281**
Client ID:	**ZZZZZZ**	Batch ID:	**30799**	TestNo:	**SW6010B**	**SW3020A**		Analysis Date:	**9/9/2013**	SeqNo:	**1200898**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Arsenic	560	40	500.0	0	112	80	120				
Barium	1,100	200	500.0	539.7	103	80	120				
Cadmium	470	5.0	500.0	0.3084	94.0	80	120				
Chromium	520	10	500.0	2.077	103	80	120				
Lead	500	100	500.0	6.251	99.7	80	120				
Selenium	520	40	500.0	0	104	80	120				
Silver	600	20	500.0	0.6202	120	80	120				

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30799**

Sample ID:	**1308B49-001AMSD**	Samp Type:	**MSD**	Test Code:	**SW_6010A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61281**
Client ID:	**ZZZZZZ**	Batch ID:	**30799**	TestNo:	**SW6010B**	**SW3020A**		Analysis Date:	**9/9/2013**	SeqNo:	**1200899**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Arsenic	560	40	500.0	0	112	80	120	558.1	0.341	20	
Barium	1,000	200	500.0	539.7	100	80	120	1,054	1.37	20	
Cadmium	470	5.0	500.0	0.3084	93.9	80	120	470.4	0.134	20	
Chromium	520	10	500.0	2.077	104	80	120	517.7	0.435	20	
Lead	510	100	500.0	6.251	101	80	120	504.5	1.69	20	
Selenium	520	40	500.0	0	104	80	120	521.2	0.452	20	
Silver	610	20	500.0	0.6202	122	80	120	599.0	1.95	20	S

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30800**

Sample ID:	1309041-003AMS	Samp Type:	MS	Test Code:	SW_6010A	Units:	µg/L	Prep Date:	9/5/2013	RunNo:	61281
Client ID:	PL-BL-03	Batch ID:	30800	TestNo:	SW6010B	SW3020A		Analysis Date:	9/9/2013	SeqNo:	1200878

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Arsenic	3,000	200	2,500	0	118	80	120				
Barium	2,700	1,000	2,500	257.2	95.8	80	120				
Cadmium	2,100	25	2,500	6.954	84.2	80	120				
Chromium	2,600	50	2,500	11.09	102	80	120				
Lead	2,200	500	2,500	93.31	85.0	80	120				
Selenium	2,400	200	2,500	0	95.0	80	120				
Silver	2,900	100	2,500	2.565	116	80	120				

Sample ID:	1309041-003AMSD	Samp Type:	MSD	Test Code:	SW_6010A	Units:	µg/L	Prep Date:	9/5/2013	RunNo:	61281
Client ID:	PL-BL-03	Batch ID:	30800	TestNo:	SW6010B	SW3020A		Analysis Date:	9/9/2013	SeqNo:	1200879

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Arsenic	3,100	200	2,500	0	124	80	120	2,961	4.45	20	S
Barium	2,800	1,000	2,500	257.2	100	80	120	2,653	3.93	20	
Cadmium	2,200	25	2,500	6.954	87.6	80	120	2,111	3.97	20	
Chromium	2,700	50	2,500	11.09	106	80	120	2,568	3.61	20	
Lead	2,300	500	2,500	93.31	88.0	80	120	2,217	3.33	20	
Selenium	2,500	200	2,500	0	99.1	80	120	2,374	4.28	20	
Silver	3,000	100	2,500	2.565	120	80	120	2,906	3.68	20	S

Sample ID:	MB-30800	Samp Type:	MBLK	Test Code:	SW_6010A	Units:	µg/L	Prep Date:	9/5/2013	RunNo:	61281
Client ID:	PBW	Batch ID:	30800	TestNo:	SW6010B	SW3020A		Analysis Date:	9/9/2013	SeqNo:	1200905

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Arsenic	ND	40									
Barium	ND	200									
Cadmium	0.67	5.0									J
Chromium	ND	10									
Lead	ND	100									
Selenium	ND	40									
Silver	0.37	20									J

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30800**

Sample ID:	**LCS-30800**	Samp Type:	**LCS**	Test Code:	**SW_6010A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61281**
Client ID:	**LCSW**	Batch ID:	**30800**	TestNo:	**SW6010B**	**SW3020A**		Analysis Date:	**9/9/2013**	SeqNo:	**1200971**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Arsenic	550	40	500.0	0	110	80	120				
Barium	510	200	500.0	0	102	80	120				
Cadmium	490	5.0	500.0	0	97.3	80	120				
Chromium	540	10	500.0	0	108	80	120				
Lead	530	100	500.0	0	106	80	120				
Selenium	470	40	500.0	0	94.7	80	120				
Silver	550	20	500.0	0	110	80	120				

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30803**

Sample ID:	**MB-30803**	Samp Type:	**MBLK**	Test Code:	**SW_7470A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61202**
Client ID:	**PBW**	Batch ID:	**30803**	TestNo:	**SW7470A**	**SW7470**		Analysis Date:	**9/6/2013**	SeqNo:	**1199937**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Sample ID:	**LCS-30803**	Samp Type:	**LCS**	Test Code:	**SW_7470A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61202**
Client ID:	**LCSW**	Batch ID:	**30803**	TestNo:	**SW7470A**	**SW7470**		Analysis Date:	**9/6/2013**	SeqNo:	**1199938**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Mercury	0.98	0.20	1.000	0	98.5	80	120				

Sample ID:	**1308B49-001AMS**	Samp Type:	**MS**	Test Code:	**SW_7470A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61202**
Client ID:	**ZZZZZZ**	Batch ID:	**30803**	TestNo:	**SW7470A**	**SW7470**		Analysis Date:	**9/6/2013**	SeqNo:	**1199940**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Mercury	1.2	0.20	1.000	0	124	80	120				S

Sample ID:	**1308B49-001AMSD**	Samp Type:	**MSD**	Test Code:	**SW_7470A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61202**
Client ID:	**ZZZZZZ**	Batch ID:	**30803**	TestNo:	**SW7470A**	**SW7470**		Analysis Date:	**9/6/2013**	SeqNo:	**1199941**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Mercury	0.98	0.20	1.000	0	98.3	80	120	1.241	23.2	20	R

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30804**

Sample ID:	**MB-30804**	Samp Type:	**MBLK**	Test Code:	**SW_7470A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61202**
Client ID:	**PBW**	Batch ID:	**30804**	TestNo:	**SW7470A**	**SW7470**		Analysis Date:	**9/6/2013**	SeqNo:	**1199945**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Sample ID:	**LCS-30804**	Samp Type:	**LCS**	Test Code:	**SW_7470A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61202**
Client ID:	**LCSW**	Batch ID:	**30804**	TestNo:	**SW7470A**	**SW7470**		Analysis Date:	**9/6/2013**	SeqNo:	**1199946**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Mercury	1.0	0.20	1.000	0	100	80	120				

Sample ID:	**1309041-003AMS**	Samp Type:	**MS**	Test Code:	**SW_7470A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61202**
Client ID:	**PL-BL-03**	Batch ID:	**30804**	TestNo:	**SW7470A**	**SW7470**		Analysis Date:	**9/6/2013**	SeqNo:	**1199948**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Mercury	1.7	0.50	2.500	0.4400	52.0	80	120				S

Sample ID:	**1309041-003AMSD**	Samp Type:	**MSD**	Test Code:	**SW_7470A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61202**
Client ID:	**PL-BL-03**	Batch ID:	**30804**	TestNo:	**SW7470A**	**SW7470**		Analysis Date:	**9/6/2013**	SeqNo:	**1199949**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Mercury	1.9	0.50	2.500	0.4400	56.9	80	120	1.740	6.80	20	S

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30805**

Sample ID:	LCS-30805	Samp Type:	LCS	Test Code:	SW_8270A	Units:	µg/L	Prep Date:	9/5/2013	RunNo:	61215
Client ID:	LCSW	Batch ID:	30805	TestNo:	SW8270C	SW3510C		Analysis Date:	9/6/2013	SeqNo:	1199512

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	30	25	50.00	0	59.0	50	110				
2,4,6-Trichlorophenol	26	20	50.00	0	52.7	50	115				
2,4-Dinitrotoluene	37	25	50.00	0	74.2	50	120				
2-Methylphenol	25	25	50.00	0	50.6	40	110				
3/4 Methylphenol	55	50	100.0	0	54.7	30	110				
Hexachlorobenzene	33	5.0	50.00	0	65.3	50	110				
Hexachlorobutadiene	20	5.0	50.00	0	39.5	25	105				
Hexachloroethane	21	25	50.00	0	42.3	30	100				J
Nitrobenzene	28	15	50.00	0	55.8	45	110				
Pentachlorophenol	40	25	50.00	0	80.1	40	115				
Pyridine	33	50	50.00	0	65.9	50	130				Jm
Surr: 2,4,6-Tribromophenol	94		125.0		75.2	40	125				
Surr: 2-Fluorobiphenyl	65		125.0		51.7	50	110				
Surr: 2-Fluorophenol	58		125.0		46.2	20	110				m
Surr: Nitrobenzene-d5	66		125.0		53.0	40	110				
Surr: Phenol-d5	59		125.0		47.4	20	130				
Surr: Terphenyl-d14	150		125.0		123	50	135				

Sample ID:	MB-30805	Samp Type:	MBLK	Test Code:	SW_8270A	Units:	µg/L	Prep Date:	9/5/2013	RunNo:	61215
Client ID:	PBW	Batch ID:	30805	TestNo:	SW8270C	SW3510C		Analysis Date:	9/6/2013	SeqNo:	1199513

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	ND	25									
2,4,6-Trichlorophenol	ND	20									
2,4-Dinitrotoluene	ND	25									
2-Methylphenol	ND	25									
3/4 Methylphenol	ND	50									
Hexachlorobenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	25									
Nitrobenzene	ND	15									

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30805**

Sample ID:	**MB-30805**	Samp Type:	**MBLK**	Test Code:	**SW_8270A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61215**
Client ID:	**PBW**	Batch ID:	**30805**	TestNo:	**SW8270C**	**SW3510C**		Analysis Date:	**9/6/2013**	SeqNo:	**1199513**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	25									
Pyridine	ND	50									
Surr: 2,4,6-Tribromophenol	96		125.0		77.0	40	125				
Surr: 2-Fluorobiphenyl	71		125.0		56.6	50	110				
Surr: 2-Fluorophenol	63		125.0		50.7	20	110				m
Surr: Nitrobenzene-d5	72		125.0		57.6	40	110				
Surr: Phenol-d5	67		125.0		53.4	20	130				
Surr: Terphenyl-d14	160		125.0		126	50	135				

Sample ID:	**LCSD-30805**	Samp Type:	**LCSD**	Test Code:	**SW_8270A**	Units:	**µg/L**	Prep Date:	**9/5/2013**	RunNo:	**61215**
Client ID:	**LCSS02**	Batch ID:	**30805**	TestNo:	**SW8270C**	**SW3510C**		Analysis Date:	**9/6/2013**	SeqNo:	**1199546**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	26	25	50.00	0	52.0	50	110	29.50	12.6	25	
2,4,6-Trichlorophenol	22	20	50.00	0	44.1	50	115	26.35	17.8	25	S
2,4-Dinitrotoluene	36	25	50.00	0	71.8	50	120	37.10	3.29	25	
2-Methylphenol	21	25	50.00	0	42.3	40	110	25.30	17.9	25	J
3/4 Methylphenol	46	50	100.0	0	45.8	30	110	54.70	17.6	25	J
Hexachlorobenzene	31	5.0	50.00	0	61.5	50	110	32.65	5.99	25	
Hexachlorobutadiene	15	5.0	50.00	0	30.4	25	105	19.75	26.0	25	R
Hexachloroethane	17	25	50.00	0	34.1	30	100	21.15	21.5	25	J
Nitrobenzene	23	15	50.00	0	45.2	45	110	27.90	21.0	25	
Pentachlorophenol	41	25	50.00	0	81.3	40	115	40.05	1.49	25	
Pyridine	32	50	50.00	0	63.7	50	130	32.95	3.40	25	Jm
Surr: 2,4,6-Tribromophenol	93		125.0		74.2	40	125		0	25	
Surr: 2-Fluorobiphenyl	52		125.0		41.8	50	110		0	25	S
Surr: 2-Fluorophenol	48		125.0		38.2	20	110		0	25	m
Surr: Nitrobenzene-d5	54		125.0		43.1	40	110		0	25	
Surr: Phenol-d5	49		125.0		39.0	20	130		0	25	
Surr: Terphenyl-d14	150		125.0		120	50	135		0	25	

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30806**

Sample ID:	**1309041-006AMS**	Samp Type:	**MS**	Test Code:	**SW_8082O**	Units:	**mg/Kg**	Prep Date:	**9/5/2013**	RunNo:	**61267**
Client ID:	**PL-Transf-06**	Batch ID:	**30806**	TestNo:	**SW8082**			Analysis Date:	**9/7/2013**	SeqNo:	**1200665**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1016	8.1	0.93	9.259	0	87.9	70	130				
Aroclor 1260	8.4	0.93	9.259	0.4832	85.0	70	130				
Surr: Tetrachloro-m-xylene	0.35		0.4630		75.8	70	130				
Surr: Decachlorobiphenyl	0.40		0.4630		86.3	70	130				

Sample ID:	**1309041-006AMSD**	Samp Type:	**MSD**	Test Code:	**SW_8082O**	Units:	**mg/Kg**	Prep Date:	**9/5/2013**	RunNo:	**61267**
Client ID:	**PL-Transf-06**	Batch ID:	**30806**	TestNo:	**SW8082**			Analysis Date:	**9/8/2013**	SeqNo:	**1200666**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1016	7.8	0.93	9.259	0	84.2	70	130	8.135	4.28	25	
Aroclor 1260	8.4	0.93	9.259	0.4832	85.8	70	130	8.354	0.828	25	
Surr: Tetrachloro-m-xylene	0.33		0.4630		71.2	70	130		0	25	
Surr: Decachlorobiphenyl	0.44		0.4630		94.6	70	130		0	25	

Sample ID:	**LCS-30806**	Samp Type:	**LCS**	Test Code:	**SW_8082O**	Units:	**mg/Kg**	Prep Date:	**9/5/2013**	RunNo:	**61267**
Client ID:	**LCSW**	Batch ID:	**30806**	TestNo:	**SW8082**			Analysis Date:	**9/7/2013**	SeqNo:	**1200678**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1016	9.6	1.0	10.00	0	95.7	70	130				
Aroclor 1260	10	1.0	10.00	0	99.5	70	130				
Surr: Tetrachloro-m-xylene	0.48		0.5000		95.7	70	130				
Surr: Decachlorobiphenyl	0.54		0.5000		108	70	130				

Sample ID:	**MB-30806**	Samp Type:	**MBLK**	Test Code:	**SW_8082O**	Units:	**mg/Kg**	Prep Date:	**9/5/2013**	RunNo:	**61267**
Client ID:	**PBW**	Batch ID:	**30806**	TestNo:	**SW8082**			Analysis Date:	**9/7/2013**	SeqNo:	**1200679**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0									
Aroclor 1221	ND	1.0									
Aroclor 1232	ND	1.0									
Aroclor 1242	ND	1.0									
Aroclor 1248	ND	1.0									

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30806**

Sample ID:	**MB-30806**	Samp Type:	**MBLK**	Test Code:	**SW_8082O**	Units:	**mg/Kg**	Prep Date:	**9/5/2013**	RunNo:	**61267**
Client ID:	**PBW**	Batch ID:	**30806**	TestNo:	**SW8082**			Analysis Date:	**9/7/2013**	SeqNo:	**1200679**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Aroclor 1254	ND	1.0									
Aroclor 1260	ND	1.0									
Aroclor 1262	ND	1.0									
Total PCBs	ND	1.0									
Surr: Tetrachloro-m-xylene	0.48		0.5000		96.7	70	130				
Surr: Decachlorobiphenyl	0.54		0.5000		109	70	130				

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: 30807**

Sample ID:	**MB-30807**	Samp Type:	**MBLK**	Test Code:	**SW_8270-O**	Units:	**mg/Kg**	Prep Date:	**9/5/2013**	RunNo:	**61247**
Client ID:	**PBW**	Batch ID:	**30807**	TestNo:	**SW8270C**	**SW3580A**		Analysis Date:	**9/6/2013**	SeqNo:	**1200291**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	ND	5.0									
2,4,6-Trichlorophenol	ND	5.0									
2,4-Dinitrotoluene	ND	5.0									
2-Methylphenol	ND	20									
3 & 4-Methylphenol	ND	20									
Hexachlorobenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Hexachloroethane	ND	5.0									
Nitrobenzene	ND	5.0									
Pentachlorophenol	ND	5.0									
Pyridine	ND	5.0									
Surr: 2,4,6-Tribromophenol	0		25.00		0	50	130				S
Surr: 2-Fluorobiphenyl	0		25.00		0	50	130				S
Surr: 2-Fluorophenol	0		25.00		0	50	130				S
Surr: Nitrobenzene-d5	0		25.00		0	50	130				S
Surr: Phenol-d5	0		25.00		0	50	130				S
Surr: Terphenyl-d14	0		25.00		0	50	130				S

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: R61121**

Sample ID:	**LCS-R61121**	Samp Type:	**LCS**	Test Code:	**SW_1010**	Units:	**°F**	Prep Date:		RunNo:	**61121**
Client ID:	**LCSS**	Batch ID:	**R61121**	TestNo:	**SW1010**			Analysis Date:	**9/4/2013**	SeqNo:	**1197689**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Ignitability	81	70	81.00	0	100	90	110				

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID:** **R61249**

Sample ID:	**VOA10 LCS 090713**	Samp Type:	**LCS**	Test Code:	**SW_8260A**	Units:	**µg/L**	Prep Date:	**9/7/2013**	RunNo:	**61249**
Client ID:	**LCSW**	Batch ID:	**R61249**	TestNo:	**SW8260B**			Analysis Date:	**9/7/2013**	SeqNo:	**1200314**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
1,1-Dichloroethene	8.2	1.0	10.00	0	82.5	70	130				
1,2-Dichloroethane	8.7	1.0	10.00	0	86.9	70	130				
1,4-Dichlorobenzene	8.4	1.0	10.00	0	83.8	75	125				
Benzene	8.9	1.0	10.00	0	88.7	80	120				
Carbon tetrachloride	9.6	1.0	10.00	0	96.2	65	140				
Chlorobenzene	8.6	1.0	10.00	0	85.8	80	120				
Chloroform	8.8	1.0	10.00	0	88.2	65	135				
Methyl ethyl ketone	9.3	10	10.00	0	93.2	30	150				J
Tetrachloroethene	9.0	1.0	10.00	0	89.5	45	150				
Trichloroethene	8.9	1.0	10.00	0	89.1	70	125				
Vinyl chloride	8.5	1.0	10.00	0	84.6	50	145				
Surr: 4-Bromofluorobenzene	61		60.00		101	75	120				
Surr: Dibromofluoromethane	57		60.00		95.8	85	115				
Surr: Toluene-d8	58		60.00		96.0	85	120				

Sample ID:	**VOA10 LCS TCLP 0**	Samp Type:	**LCS**	Test Code:	**SW_8260A**	Units:	**µg/L**	Prep Date:	**9/7/2013**	RunNo:	**61249**
Client ID:	**LCSW**	Batch ID:	**R61249**	TestNo:	**SW8260B**			Analysis Date:	**9/7/2013**	SeqNo:	**1200315**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
1,1-Dichloroethene	8.2	1.0	10.00	0	82.3	70	130				
1,2-Dichloroethane	9.0	1.0	10.00	0	90.2	70	130				
1,4-Dichlorobenzene	8.4	1.0	10.00	0	83.6	75	125				
Benzene	8.7	1.0	10.00	0	86.6	80	120				
Carbon tetrachloride	9.2	1.0	10.00	0	91.6	65	140				
Chlorobenzene	9.1	1.0	10.00	0	90.8	80	120				
Chloroform	8.8	1.0	10.00	0	87.7	65	135				
Methyl ethyl ketone	8.7	10	10.00	0	87.1	30	150				J
Tetrachloroethene	8.9	1.0	10.00	0	88.9	45	150				
Trichloroethene	8.8	1.0	10.00	0	88.2	70	125				
Vinyl chloride	8.3	1.0	10.00	0	83.0	50	145				
Surr: 4-Bromofluorobenzene	61		60.00		101	75	120				

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: R61249**

Sample ID:	VOA10 LCS TCLP 0	Samp Type:	LCS	Test Code:	SW_8260A	Units:	µg/L	Prep Date:	9/7/2013	RunNo:	61249
Client ID:	LCSW	Batch ID:	R61249	TestNo:	SW8260B			Analysis Date:	9/7/2013	SeqNo:	1200315

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	57		60.00		95.0	85	115				
Surr: Toluene-d8	57		60.00		95.7	85	120				

Sample ID:	VOA10 MBLK 09071	Samp Type:	MBLK	Test Code:	SW_8260A	Units:	µg/L	Prep Date:	9/7/2013	RunNo:	61249
Client ID:	PBW	Batch ID:	R61249	TestNo:	SW8260B			Analysis Date:	9/7/2013	SeqNo:	1200317

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.0									
1,2-Dichloroethane	ND	1.0									
1,4-Dichlorobenzene	ND	1.0									
Benzene	ND	1.0									
Carbon tetrachloride	ND	1.0									
Chlorobenzene	ND	1.0									
Chloroform	ND	1.0									
Methyl ethyl ketone	ND	10									
Tetrachloroethene	ND	1.0									
Trichloroethene	ND	1.0									
Vinyl chloride	ND	1.0									
Surr: 4-Bromofluorobenzene	50		50.00		100	75	120				
Surr: Dibromofluoromethane	46		50.00		91.2	85	115				
Surr: Toluene-d8	47		50.00		94.4	85	120				

Sample ID:	VOA10 MBLK TCLP	Samp Type:	MBLK	Test Code:	SW_8260A	Units:	µg/L	Prep Date:	9/7/2013	RunNo:	61249
Client ID:	PBW	Batch ID:	R61249	TestNo:	SW8260B			Analysis Date:	9/7/2013	SeqNo:	1200318

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.0									
1,2-Dichloroethane	ND	1.0									
1,4-Dichlorobenzene	ND	1.0									
Benzene	ND	1.0									
Carbon tetrachloride	ND	1.0									
Chlorobenzene	ND	1.0									

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: R61249**

Sample ID:	**VOA10 MBLK TCLP**	Samp Type:	**MBLK**	Test Code:	**SW_8260A**	Units:	**µg/L**	Prep Date:	**9/7/2013**	RunNo:	**61249**
Client ID:	**PBW**	Batch ID:	**R61249**	TestNo:	**SW8260B**			Analysis Date:	**9/7/2013**	SeqNo:	**1200318**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Chloroform	ND	1.0									
Methyl ethyl ketone	ND	10									
Tetrachloroethene	ND	1.0									
Trichloroethene	ND	1.0									
Vinyl chloride	ND	1.0									
Surr: 4-Bromofluorobenzene	50		50.00		99.5	75	120				
Surr: Dibromofluoromethane	46		50.00		91.7	85	115				
Surr: Toluene-d8	47		50.00		94.1	85	120				

Sample ID:	**1308B49-001BMS**	Samp Type:	**MS**	Test Code:	**SW_8260A**	Units:	**µg/L**	Prep Date:	**9/7/2013**	RunNo:	**61249**
Client ID:	**ZZZZZZ**	Batch ID:	**R61249**	TestNo:	**SW8260B**			Analysis Date:	**9/7/2013**	SeqNo:	**1200320**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1,600	200	2,000	0	82.2	70	130				
1,2-Dichloroethane	1,800	200	2,000	0	89.9	70	130				
1,4-Dichlorobenzene	1,600	200	2,000	0	77.8	75	125				
Benzene	1,800	200	2,000	0	89.1	80	120				
Carbon tetrachloride	1,900	200	2,000	0	94.8	65	140				
Chlorobenzene	1,600	200	2,000	0	82.3	80	120				
Chloroform	1,800	200	2,000	0	88.1	65	135				
Methyl ethyl ketone	1,900	2,000	2,000	0	95.7	30	150				J
Tetrachloroethene	1,700	200	2,000	0	86.1	45	150				
Trichloroethene	1,600	200	2,000	0	81.6	70	125				
Vinyl chloride	1,900	200	2,000	0	93.6	50	145				
Surr: 4-Bromofluorobenzene	12,000		12,000		97.8	75	120				
Surr: Dibromofluoromethane	12,000		12,000		97.2	85	115				
Surr: Toluene-d8	11,000		12,000		95.4	85	120				

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID:** **R61249**

Sample ID:	**1308B49-001BMSD**	Samp Type:	**MSD**	Test Code:	**SW_8260A**	Units:	**µg/L**	Prep Date:	**9/7/2013**	RunNo:	**61249**
Client ID:	**ZZZZZZ**	Batch ID:	**R61249**	TestNo:	**SW8260B**			Analysis Date:	**9/7/2013**	SeqNo:	**1200321**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1,700	200	2,000	0	86.4	70	130	1,644	4.98	25	
1,2-Dichloroethane	1,900	200	2,000	0	93.9	70	130	1,798	4.35	25	
1,4-Dichlorobenzene	1,700	200	2,000	0	83.5	75	125	1,556	7.07	25	
Benzene	1,800	200	2,000	0	89.0	80	120	1,782	0.112	25	
Carbon tetrachloride	1,900	200	2,000	0	96.4	65	140	1,896	1.67	25	
Chlorobenzene	1,800	200	2,000	0	89.7	80	120	1,646	8.60	25	
Chloroform	1,800	200	2,000	0	89.8	65	135	1,762	1.91	25	
Methyl ethyl ketone	1,900	2,000	2,000	0	94.7	30	150	1,914	1.05	25	J
Tetrachloroethene	1,800	200	2,000	0	88.1	45	150	1,722	2.30	25	
Trichloroethene	1,800	200	2,000	0	87.6	70	125	1,632	7.09	25	
Vinyl chloride	1,800	200	2,000	0	90.5	50	145	1,872	3.37	25	
Surr: 4-Bromofluorobenzene	12,000		12,000		99.6	75	120		0	25	
Surr: Dibromofluoromethane	12,000		12,000		97.6	85	115		0	25	
Surr: Toluene-d8	12,000		12,000		97.3	85	120		0	25	

Sample ID:	**1309041-003AMS**	Samp Type:	**MS**	Test Code:	**SW_8260A**	Units:	**µg/L**	Prep Date:	**9/7/2013**	RunNo:	**61249**
Client ID:	**PL-BL-03**	Batch ID:	**R61249**	TestNo:	**SW8260B**			Analysis Date:	**9/7/2013**	SeqNo:	**1200326**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42,000	5,000	50,000	0	84.1	70	130				
1,2-Dichloroethane	46,000	5,000	50,000	0	91.4	70	130				
1,4-Dichlorobenzene	41,000	5,000	50,000	0	82.8	75	125				
Benzene	44,000	5,000	50,000	0	88.6	80	120				
Carbon tetrachloride	45,000	5,000	50,000	0	90.7	65	140				
Chlorobenzene	43,000	5,000	50,000	0	86.8	80	120				
Chloroform	47,000	5,000	50,000	0	94.1	65	135				
Methyl ethyl ketone	76,000	50,000	50,000	0	151	30	150				S
Tetrachloroethene	83,000	5,000	50,000	0	165	45	150				S
Trichloroethene	54,000	5,000	50,000	0	108	70	125				
Vinyl chloride	47,000	5,000	50,000	0	93.1	50	145				
Surr: 4-Bromofluorobenzene	320,000		300,000		106	75	120				

RTI Laboratories - QC SUMMARY REPORT

WO#: 1309041

Date Reported: 9/10/2013
Original

Client: Environmental Restoration LLC

Project: Plastech Engineered Products Site **Batch ID: R61249**

Sample ID:	**1309041-003AMS**	Samp Type:	**MS**	Test Code:	**SW_8260A**	Units:	**µg/L**	Prep Date:	**9/7/2013**	RunNo:	**61249**
Client ID:	**PL-BL-03**	Batch ID:	**R61249**	TestNo:	**SW8260B**			Analysis Date:	**9/7/2013**	SeqNo:	**1200326**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	280,000		300,000		94.4	85	115				
Surr: Toluene-d8	290,000		300,000		96.2	85	120				

Sample ID:	**1309041-003AMSD**	Samp Type:	**MSD**	Test Code:	**SW_8260A**	Units:	**µg/L**	Prep Date:	**9/7/2013**	RunNo:	**61249**
Client ID:	**PL-BL-03**	Batch ID:	**R61249**	TestNo:	**SW8260B**			Analysis Date:	**9/7/2013**	SeqNo:	**1200327**

Analyte	Result	LOQ	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Value	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44,000	5,000	50,000	0	88.0	70	130	42,050	4.53	25	
1,2-Dichloroethane	47,000	5,000	50,000	0	93.8	70	130	45,700	2.59	25	
1,4-Dichlorobenzene	41,000	5,000	50,000	0	82.8	75	125	41,400	0	25	
Benzene	45,000	5,000	50,000	0	90.7	80	120	44,300	2.34	25	
Carbon tetrachloride	48,000	5,000	50,000	0	95.7	65	140	45,350	5.36	25	
Chlorobenzene	44,000	5,000	50,000	0	87.7	80	120	43,400	1.03	25	
Chloroform	46,000	5,000	50,000	0	92.6	65	135	47,050	1.61	25	
Methyl ethyl ketone	68,000	50,000	50,000	0	136	30	150	75,600	10.3	25	
Tetrachloroethene	82,000	5,000	50,000	0	165	45	150	82,700	0.242	25	S
Trichloroethene	54,000	5,000	50,000	0	108	70	125	53,950	0	25	
Vinyl chloride	45,000	5,000	50,000	0	89.5	50	145	46,550	3.94	25	
Surr: 4-Bromofluorobenzene	320,000		300,000		106	75	120		0	25	
Surr: Dibromofluoromethane	290,000		300,000		97.6	85	115		0	25	
Surr: Toluene-d8	290,000		300,000		97.2	85	120		0	25	

RTI Laboratories - Definitions and Acronyms

WO#: 1309041

Date Reported: 9/10/2013
Original

DEFINITIONS:

DF: Dilution factor; the dilution factor applied to the prepared sample.

DL: Detection Limit; The lowest concentration of analyte that can be detected by the method in the applicable matrix.

DUP: Duplicate; aliquots of a sample taken from the same container under laboratory conditions and processed and analyzed independently, used to calculate Precision (%RPD).

LCS: Laboratory Control Sample; prepared by adding a known amount of target analytes to a specified amount of clean matrix and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: A duplicate LCS sample, used to calculate both Accuracy (%REC) and Precision (%RPD)

LOD: Limit of Detection; a laboratory verified concentration that can be detected at three times greater than the noise level. This concentration is equal to or greater than the DL.

LOQ: Limit of Quantitation; The lowest verified limit to which data is quantified without qualifications. Analyte concentrations below the LOQ are reported with a "J" qualifier.

MBLK: Method Blank; a sample of similar matrix that does not contain target analytes or interference that may impact the analytical results and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedure, used to assess and verify that the analytical process is free of contamination.

Mg/Kg or mg/L: Units of part per million (PPM) – milligram per Kilogram (W/W) or milligram per Liter (W/V).

MS: Matrix Spike; prepared by adding a known amount of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC)

MSD: A duplicate MS sample, used to calculate both Accuracy (%REC) and Precision (%RPD)

% REC: Percent Recovery of a known spike (SPK); a measure of accuracy expressed as a percentage of a measured (recovered) concentration compared to the known concentration (SPK) added to the sample. This is compared to the Low Limit and High Limit.

% RPD: Relative Percent Difference; a measure of precision expressed as a percentage of the difference between two duplicates relative to the average concentration. This is compared to the RPD Limit.

Qual: Qualifier that applies to the analyte reported

SPK: Spike; used in the QC section for both SPK Value and SPK Ref Val

Ug/Kg or ug/L: Units of part per billion (PPB) – microgram per Kilogram (W/W) or microgram per Liter (W/V).

QUALIFIERS:

*/X: Reported value exceeds the maximum allowed concentration by regulation or permit.

B: Analyte detected in the associated Method Blank at a concentration greater than 1/2 the LOQ

G: CCB result is greater than the MDL

H: Holding time for preparation or analysis has been exceeded

J: Estimated result. Greater uncertainty is associated with this result and data reported is estimated.

M: Manual Integration used to determine area response

P: Second column RPD exceeds 40%

Q/S: % REC exceeds control limits

R: % RPD exceeds control limits

T: MBLK result is greater than 1/2 of the LOQ

U: The analyte concentration is less than the DL. The result is reported as less than the LOD

ENVIRONMENTAL RESTORATION LLC

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Alternate billing information: 1309041

Report to: ED Kiernicki
Email to: E.Kiernicki@erllcom

Project Description: PlasTech SITE
City/State Collected: Andover, OH

Phone: 5862462201
Fax:
Client: USEPA
Project Name: Plastech
Collected by: Nishwez
Site/Facility ID#: P5-133
P.O. #: 9573

Collected by (signature): Tom Nishwez
Packed on Ice N (Y)
Rush (Lab MUST Be Notified) ____ Same Day ____ Next Day ____ Two Day
Date Results Needed:
Email? ___ No ___ Yes
Fax? No Yes

Analysis/Containers/Preservative

Chain of Custody
Page 1 of 1
Prepared by: Nishwez

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Containers	TCLP (metals, volatiles, semivols)	TPH	Flashpoint	PCB's	Total Halogen	BTu	Remarks/Containment	Sample # (lab only)
PL-OL-01				8-30-13	0830	1	X	X	X	X	X	X		
PL-SL-02				8-30-13	0830	1	X	X	X					
PL-BL-03				8-30-13	0830	1	X	X	X					
PL-NL-04				8-30-13	0830	1	X	X	X					
PL-Trench-05				8-30-13	0830	1	X	X	X	X				
PL-TransF-06				8-30-13	0830	1	X	X	X	X	X	X		

*Matrix SS - Soil/Solid GW - GroundWater WW - WasteWater DW - Drinking Water OT - Other ____

pH ____ Temp ____
Flow ____ Other ____

Remarks:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[signature]	8-30-13	1718	[signature]
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	

Samples returned via: ___ UPS ___ Fed Ex ___ Courier

CHAIN OF CUSTODY

RTI LABORATORIES

Environmental Sciences Division
31628 Glendale Street
Livonia MI, 48150

Materials Testing Division
33080 Industrial Road
Livonia, MI 48150

PHONE: (734) 422-8000
FAX: (734) 422-5342
www.rtilab.com

PAGE ___ OF ___

RTI WORK ORDER NO: 1309041

Please include Email Address of Report Recipient !!!

SUBMITTING COMPANY:

PROJECT NAME: MASTECH
PROJECT #: P5-133
QUOTE #:

SAMPLING LOCATION (STATE or COUNTRY): OH

SPECIAL INSTRUCTIONS / COMMENTS:

REPORT TO (Name): ED KIEKMEKI
COMPANY: ENVIRONMENTAL RESTORATION
ADDRESS: 20448 6812 19 1/2 MILE Rd
CITY, STATE, ZIP: STERLING HEIGHTS, MI 48314
PHONE:
EMAIL (OR FAX IF NO EMAIL AVAILABLE):

BILL TO:
COMPANY:
ADDRESS:
CITY, STATE, ZIP:
P.O. NUMBER:

SAMPLER'S PRINTED NAME:
SAMPLER'S SIGNATURE:

TESTS REQUESTED

ITEM NUMBER	SAMPLE I.D.	DATE SAMPLED	TIME SAMPLED (24-hour format)	MATRIX CODE (see codes below)	# OF BOTTLES	NONE	HCL	HNO_3	H_2SO_4	NaOH	Methanol	OTHER	pH Acceptable? Y N n/a (LAB only)	COMMENTS: Matrix/Preserved Weights, HOT Samples Notation, Additional Sample Description, Air Volume, etc.
1														C.O.C To Follow Tuesday Sept. 3rd
2														
3														
4														
5														
6														
7														
8														
9														
10														

Relinquished By	Date	Time	Received By	Date	Time
[signature]	8-30-13	1708	[signature]	8-30-13	17:08

REPORT TRANSMITTAL DESIRED:

☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

ALL REPORTING IS VIA THE RTI "FLASHPOINT" ONLINE SYSTEM UNLESS OTHERWISE SPECIFIED

FOR LAB USE ONLY

Temp of samples: ___ °C On Wet Ice ? yes

Comments:

TURNAROUND DESIRED: Standard ☐ **RUSH:** Next BD ☐ 2nd BD ☐ 3rd BD ☐

Note: RUSH requests will incur surcharges!

Distribution: White - Lab, Pink - Client

See reverse side for Laboratory Terms and Conditions of Service

MATRIX CODES: A = AIR; DW = DRINKING WATER; GW = GROUNDWATER; L = LIQUID; O = OIL; WW = WASTE WATER; S = SOIL; SD = SOLID; SL = SLUDGE; SV = SOLVENT WASTE; W = WATER; WP = WIPE; SW = SURFACE WATER

Armando Flores

From: Rachel Dear [rdear@rtilab.com]
Sent: Tuesday, September 03, 2013 3:25 PM
To: Armando Flores
Subject: Fwd: RE: P5-133 Request for Quote-Analytical-Andover, OH Site

-------- Original Message --------
Subject:RE: P5-133 Request for Quote-Analytical-Andover, OH Site
Date: Tue, 3 Sep 2013 14:19:38 -0500
From: Ed Kiernicki <e.kiernicki@erllc.com>
To: Rachel Dear <rdear@rtilab.com>

Rachel,

Answers as asked.

<!--[if !supportLists]-->A) <!--[endif]-->The oil is all we need on this sample.
<!--[if !supportLists]-->B) <!--[endif]-->Yes , please run BTU on the samples as requested.
<!--[if !supportLists]-->C) <!--[endif]-->TCLP is all we need, no totals will be required on these samples.

Just as reference the RFQ sent out is a only a request for analysis that could possibly be run onsite. This doesn't mean we will always run exactly what is on the pricing lay out. We just need to have bids for these if for some reason we need to run these additional test as the site progresses.

Thanks for checking with me on these,

Ed Kiernicki
Response Manager
Environmental Restoration, LLC
6812 19 1/2 Mile Rd.
Sterling Heights, MI 48314
Cell # 586-246-2321
Office # 586-254-6553
Fax # 586-254-6547
e.kiernicki@erllc.com

From: Rachel Dear [mailto:rdear@rtilab.com]
Sent: Tuesday, September 03, 2013 2:44 PM
To: Ed Kiernicki; Armando Flores
Subject: P5-133 Request for Quote-Analytical-Andover, OH Site

Good Afternoon Ed,

I just needed to touch base with you on a few items:

A) Sample ID: PL-OL-01 we can only perform off of the top phase analysis (oil portion). The second phase is present, however, there is inadequate volume to perform the analysis.

B) BTU was not quoted on the original Statement of work, but it is on the COC. Would you like us to perform this analysis.