

DELPHI

April 24, 2014

Mr. Glenn May
New York State Dept. of Environmental Conservation
Division of Spills, Region 9
270 Michigan Avenue
Buffalo, NY 14203

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NYSDEC REGION 9

APR 28 2014

SV REL UNREL

RE: Spill Number 131915
Delphi Thermal Systems, Lockport Technical Center
200 Upper Mountain Road, Building 6

Mr. May:

This letter is to provide supplemental information concerning the spill report made on March 21, 2014.

Upon connecting the site domestic water feed, our contractors, Zoladz encountered some abandoned piping about 2' below grade that did not show on their drawings. Digging deeper, it was noted that the soil was stained dark gray in some locations, and had "diesel like" odor to it. The piping had very little residual product.

The soil was set aside and covered, while analytical was performed for proper characterization for proper disposal. Per to Modern Landfill requirements, utilizing a certified testing laboratory, Method 8260D (VOC-TCLP), Method 8270D(Semi-VOC-TCLP), Method 8082A (PCB) and Method 7470A (TCLP Mercury) were performed with results being Non Detect. Method 6010C – Metals TCLP was also performed with the following results:

Parameter	Result	Unit
Arsenic	ND	mg/L
Barium	0.78	mg/L
Cadmium	0.0039	mg/L
Chromium	0.0024	mg/L
Lead	0.0043	mg/L
Selenium	0.011	mg/L
Silver	ND	mg/L

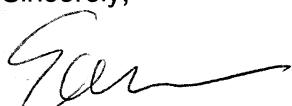
The historical information that we have been able to extract: In the 1980s, GM had removed two diesel tanks in the vicinity and abandoned the piping.

The collected materials, 21 Tons, were hauled by Modern Corporation to Modern Landfill located in Niagara County on April 14 and 15th for disposal under M01-1581 profile.

We hope our efforts are satisfactorily with the department.

Thank you for your attention to this matter.

Sincerely,



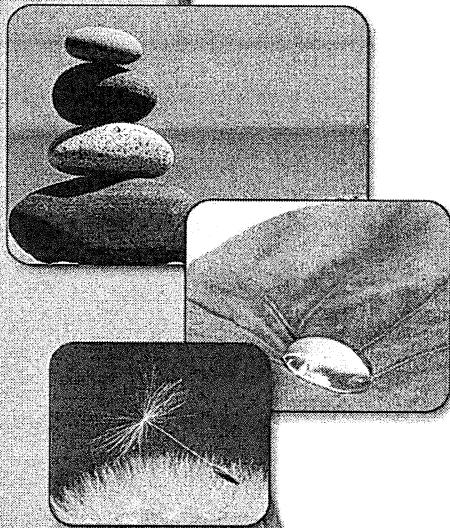
Elisa Della-Torre
Delphi Global Operations EHS Engineer

Attachment: Test America Analytical Report

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT



TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

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APR 28 2014

REL FOIL UNREL

TestAmerica Job ID: 480-56645-1
Client Project/Site: Delphi Lockport

For:
Heritage Interactive Services LLC
3719 W. 96th Street
Indianapolis, Indiana 46268

Attn: Joshua Barrick

Authorized for release by:
4/2/2014 4:19:13 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for
Melissa Deyo, Project Manager I
(716)504-9874
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LINKS

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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



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Definitions/Glossary

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
D	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Job ID: 480-56645-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-56645-1

Comments

No additional comments.

Receipt

The sample was received on 3/26/2014 10:10 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP sample matrix: SOIL (480-56645-1), LB 480-172263/1-A. Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270D: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 173095 recovered outside control limits for multiple analytes. The recoveries were within quality control acceptance limits, therefore the data has been qualified and reported.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (LB 480-172234/1-D). These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

Method(s) 6010C: The TCLP Extractor Blank, LB 480-172234, contained total barium above the reporting limit (RL). The associated sample SOIL (480-56645-1) contained a detect for this analyte at a concentration greater than 10X the value found in the TCLP Extractor Blank; therefore, re-extraction and/or re-analysis of the sample was not performed.

Method(s) 6010C: The TCLP Extractor Blank for batch 480-172816 contained chromium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples SOIL (480-56645-1) was not performed.

No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 173095

No other analytical or quality issues were noted.

Detection Summary

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Client Sample ID: SOIL

Lab Sample ID: 480-56645-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.78	B	0.0020	0.00070	mg/L	1	6010C	TCLP	
Cadmium	0.0039		0.0020	0.00050	mg/L	1	6010C	TCLP	
Chromium	0.0024	J B	0.0040	0.0010	mg/L	1	6010C	TCLP	
Lead	0.0043	J	0.010	0.0030	mg/L	1	6010C	TCLP	
Selenium	0.011	J	0.025	0.0087	mg/L	1	6010C	TCLP	
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1	1010A		Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Client Sample ID: SOIL

Date Collected: 03/26/14 08:45
 Date Received: 03/26/14 10:10

Lab Sample ID: 480-56645-1

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			03/28/14 23:41	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			03/28/14 23:41	10
Chlorobenzene	ND		0.010	0.0075	mg/L			03/28/14 23:41	10
Chloroform	ND		0.010	0.0034	mg/L			03/28/14 23:41	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			03/28/14 23:41	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			03/28/14 23:41	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			03/28/14 23:41	10
Tetrachloroethylene	ND		0.010	0.0036	mg/L			03/28/14 23:41	10
Trichloroethylene	ND		0.010	0.0046	mg/L			03/28/14 23:41	10
Vinyl chloride	ND		0.010	0.0090	mg/L			03/28/14 23:41	10
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		86		66 - 137				03/28/14 23:41	10
Toluene-d8 (Surr)		110		71 - 126				03/28/14 23:41	10
4-Bromofluorobenzene (Surr)		114		73 - 120				03/28/14 23:41	10
Dibromofluoromethane (Surr)		91		60 - 140				03/28/14 23:41	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		04/01/14 08:33	04/02/14 13:49	1
2,4-Dinitrotoluene	ND *		0.0050	0.00045	mg/L		04/01/14 08:33	04/02/14 13:49	1
Hexachlorobenzene	ND *		0.0050	0.00051	mg/L		04/01/14 08:33	04/02/14 13:49	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		04/01/14 08:33	04/02/14 13:49	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		04/01/14 08:33	04/02/14 13:49	1
3-Methylphenol	ND		0.010	0.00040	mg/L		04/01/14 08:33	04/02/14 13:49	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		04/01/14 08:33	04/02/14 13:49	1
4-Methylphenol	ND		0.010	0.00036	mg/L		04/01/14 08:33	04/02/14 13:49	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		04/01/14 08:33	04/02/14 13:49	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		04/01/14 08:33	04/02/14 13:49	1
Pyridine	ND		0.025	0.00041	mg/L		04/01/14 08:33	04/02/14 13:49	1
2,4,5-Trichlorophenol	ND *		0.0050	0.00048	mg/L		04/01/14 08:33	04/02/14 13:49	1
2,4,6-Trichlorophenol	ND *		0.0050	0.00061	mg/L		04/01/14 08:33	04/02/14 13:49	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol		122		52 - 132			04/01/14 08:33	04/02/14 13:49	1
2-Fluorobiphenyl		88		48 - 120			04/01/14 08:33	04/02/14 13:49	1
2-Fluorophenol		41		20 - 120			04/01/14 08:33	04/02/14 13:49	1
Nitrobenzene-d5		69		46 - 120			04/01/14 08:33	04/02/14 13:49	1
p-Terphenyl-d14		99		67 - 150			04/01/14 08:33	04/02/14 13:49	1
Phenol-d5		28		16 - 120			04/01/14 08:33	04/02/14 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	*	03/27/14 10:21	03/28/14 11:35	1
PCB-1221	ND		0.23	0.045	mg/Kg	*	03/27/14 10:21	03/28/14 11:35	1
PCB-1232	ND		0.23	0.045	mg/Kg	*	03/27/14 10:21	03/28/14 11:35	1
PCB-1242	ND		0.23	0.045	mg/Kg	*	03/27/14 10:21	03/28/14 11:35	1
PCB-1248	ND		0.23	0.045	mg/Kg	*	03/27/14 10:21	03/28/14 11:35	1
PCB-1254	ND		0.23	0.11	mg/Kg	*	03/27/14 10:21	03/28/14 11:35	1
PCB-1260	ND		0.23	0.11	mg/Kg	*	03/27/14 10:21	03/28/14 11:35	1

TestAmerica Buffalo

Client Sample Results

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Client Sample ID: SOIL

Date Collected: 03/26/14 08:45
 Date Received: 03/26/14 10:10

Lab Sample ID: 480-56645-1

Matrix: Solid

Percent Solids: 89.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	108		47 - 176	03/27/14 10:21	03/28/14 11:35	1
Tetrachloro-m-xylene	100		46 - 175	03/27/14 10:21	03/28/14 11:35	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		03/28/14 09:10	03/30/14 20:04	1
Barium	0.78	B	0.0020	0.00070	mg/L		03/28/14 09:10	03/30/14 20:04	1
Cadmium	0.0039		0.0020	0.00050	mg/L		03/28/14 09:10	03/30/14 20:04	1
Chromium	0.0024	J B	0.0040	0.0010	mg/L		03/28/14 09:10	03/30/14 20:04	1
Lead	0.0043	J	0.010	0.0030	mg/L		03/28/14 09:10	03/30/14 20:04	1
Selenium	0.011	J	0.025	0.0087	mg/L		03/28/14 09:10	03/30/14 20:04	1
Silver	ND		0.0060	0.0017	mg/L		03/28/14 09:10	03/30/14 20:04	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/28/14 11:00	03/28/14 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			03/28/14 06:33	1

TestAmerica Buffalo

Surrogate Summary

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	TOL (71-126)	BFB (73-120)	DBFM (60-140)
LCS 480-172656/5	Lab Control Sample	84	108	117	96
MB 480-172656/6	Method Blank	83	111	118	92

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
 TOL = Toluene-d8 (Surr)
 BFB = 4-Bromofluorobenzene (Surr)
 DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	TOL (71-126)	BFB (73-120)	DBFM (60-140)
480-56645-1	SOIL	86	110	114	91
LB 480-172263/1-A	Method Blank	86	107	114	90

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
 TOL = Toluene-d8 (Surr)
 BFB = 4-Bromofluorobenzene (Surr)
 DBFM = Dibromofluoromethane (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
LCS 480-173095/2-A	Lab Control Sample	84	64	30	51	71	24
LCSD 480-173095/3-A	Lab Control Sample Dup	108	82	36	63	86	29
MB 480-173095/1-A	Method Blank	92	65	32	50	90	23

Surrogate Legend

TBP = 2,4,6-Tribromophenol
 FBP = 2-Fluorobiphenyl
 2FP = 2-Fluorophenol
 NBZ = Nitrobenzene-d5
 TPH = p-Terphenyl-d14
 PHL = Phenol-d5

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

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
480-56645-1	SOIL	122	88	41	69	99	28
LB 480-172234/1-D	Method Blank	93	55	24	41 X	85	17

TestAmerica Buffalo

Surrogate Summary

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

TPH = p-Terphenyl-d14

PHL = Phenol-d5

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (47-176)	TCX2 (46-175)
480-56645-1	SOIL	108	100
LCS 480-172262/2-A	Lab Control Sample	121	115
MB 480-172262/1-A	Method Blank	118	109

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

TestAmerica Buffalo

QC Sample Results

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-172656/6

Matrix: Solid

Analysis Batch: 172656

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND				0.0010	0.00041	mg/L			03/28/14 21:45	1
Carbon tetrachloride	ND				0.0010	0.00027	mg/L			03/28/14 21:45	1
Chlorobenzene	ND				0.0010	0.00075	mg/L			03/28/14 21:45	1
Chloroform	ND				0.0010	0.00034	mg/L			03/28/14 21:45	1
1,2-Dichloroethane	ND				0.0010	0.00021	mg/L			03/28/14 21:45	1
1,1-Dichloroethene	ND				0.0010	0.00029	mg/L			03/28/14 21:45	1
2-Butanone (MEK)	ND				0.0050	0.0013	mg/L			03/28/14 21:45	1
Tetrachloroethene	ND				0.0010	0.00036	mg/L			03/28/14 21:45	1
Trichloroethene	ND				0.0010	0.00046	mg/L			03/28/14 21:45	1
Vinyl chloride	ND				0.0010	0.00090	mg/L			03/28/14 21:45	1
<hr/>											
Surrogate	MB	MB	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83				66 - 137					03/28/14 21:45	1
Toluene-d8 (Surr)	111				71 - 126					03/28/14 21:45	1
4-Bromofluorobenzene (Surr)	118				73 - 120					03/28/14 21:45	1
Dibromofluoromethane (Surr)	92				60 - 140					03/28/14 21:45	1

Lab Sample ID: LCS 480-172656/5

Matrix: Solid

Analysis Batch: 172656

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LC	LC	Result	Qualifier	Unit	D	%Rec	Limits	
		S	C							
Benzene	0.0250	0.0226				mg/L		90	71 - 124	
Carbon tetrachloride	0.0250	0.0256				mg/L		102	72 - 134	
Chlorobenzene	0.0250	0.0278				mg/L		111	72 - 120	
Chloroform	0.0250	0.0224				mg/L		90	73 - 127	
1,2-Dichloroethane	0.0250	0.0214				mg/L		86	75 - 127	
1,1-Dichloroethene	0.0250	0.0199				mg/L		80	58 - 121	
2-Butanone (MEK)	0.125	0.105				mg/L		84	57 - 140	
Tetrachloroethene	0.0250	0.0286				mg/L		114	74 - 122	
Trichloroethene	0.0250	0.0233				mg/L		93	74 - 123	
Vinyl chloride	0.0250	0.0209				mg/L		83	65 - 133	
<hr/>										
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	84		66 - 137							
Toluene-d8 (Surr)	108		71 - 126							
4-Bromofluorobenzene (Surr)	117		73 - 120							
Dibromofluoromethane (Surr)	96		60 - 140							

Lab Sample ID: LB 480-172263/1-A

Matrix: Solid

Analysis Batch: 172656

Client Sample ID: Method Blank
 Prep Type: TCLP

Analyte	LB	LB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND				0.010	0.0041	mg/L			03/28/14 22:29	10
Carbon tetrachloride	ND				0.010	0.0027	mg/L			03/28/14 22:29	10
Chlorobenzene	ND				0.010	0.0075	mg/L			03/28/14 22:29	10

TestAmerica Buffalo

QC Sample Results

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB 480-172263/1-A							Client Sample ID: Method Blank			
Matrix: Solid							Prep Type: TCLP			
Analysis Batch: 172656										
Analyte	LB	LB	Result	Qualifier	RL	MDL	Unit	D	Prepared	
Chloroform			ND		0.010	0.0034	mg/L		03/28/14 22:29	
1,2-Dichloroethane			ND		0.010	0.0021	mg/L		03/28/14 22:29	
1,1-Dichloroethene			ND		0.010	0.0029	mg/L		03/28/14 22:29	
2-Butanone (MEK)			ND		0.050	0.013	mg/L		03/28/14 22:29	
Tetrachloroethene			ND		0.010	0.0036	mg/L		03/28/14 22:29	
Trichloroethene			ND		0.010	0.0046	mg/L		03/28/14 22:29	
Vinyl chloride			ND		0.010	0.0090	mg/L		03/28/14 22:29	
Surrogate	LB	LB	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			86		66 - 137				03/28/14 22:29	10
Toluene-d8 (Surr)			107		71 - 126				03/28/14 22:29	10
4-Bromofluorobenzene (Surr)			114		73 - 120				03/28/14 22:29	10
Dibromofluoromethane (Surr)			90		60 - 140				03/28/14 22:29	10

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

Lab Sample ID: MB 480-173095/1-A							Client Sample ID: Method Blank				
Matrix: Solid							Prep Type: Total/NA				
Analysis Batch: 173258							Prep Batch: 173095				
Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene			ND		0.0025	0.00012	mg/L		04/01/14 08:33	04/02/14 12:13	1
2,4-Dinitrotoluene			ND		0.0013	0.00011	mg/L		04/01/14 08:33	04/02/14 12:13	1
Hexachlorobenzene			ND		0.0013	0.00013	mg/L		04/01/14 08:33	04/02/14 12:13	1
Hexachlorobutadiene			ND		0.0013	0.00017	mg/L		04/01/14 08:33	04/02/14 12:13	1
Hexachloroethane			ND		0.0013	0.00015	mg/L		04/01/14 08:33	04/02/14 12:13	1
3-Methylphenol			ND		0.0025	0.00010	mg/L		04/01/14 08:33	04/02/14 12:13	1
2-Methylphenol			ND		0.0013	0.00010	mg/L		04/01/14 08:33	04/02/14 12:13	1
4-Methylphenol			ND		0.0025	0.000090	mg/L		04/01/14 08:33	04/02/14 12:13	1
Nitrobenzene			ND		0.0013	0.000073	mg/L		04/01/14 08:33	04/02/14 12:13	1
Pentachlorophenol			ND		0.0025	0.00055	mg/L		04/01/14 08:33	04/02/14 12:13	1
Pyridine			ND		0.0063	0.00010	mg/L		04/01/14 08:33	04/02/14 12:13	1
2,4,5-Trichlorophenol			ND		0.0013	0.00012	mg/L		04/01/14 08:33	04/02/14 12:13	1
2,4,6-Trichlorophenol			ND		0.0013	0.00015	mg/L		04/01/14 08:33	04/02/14 12:13	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
2,4,6-Tribromophenol			92		52 - 132				04/01/14 08:33	04/02/14 12:13	1
2-Fluorobiphenyl			65		48 - 120				04/01/14 08:33	04/02/14 12:13	1
2-Fluorophenol			32		20 - 120				04/01/14 08:33	04/02/14 12:13	1
Nitrobenzene-d5			50		46 - 120				04/01/14 08:33	04/02/14 12:13	1
p-Terphenyl-d14			90		67 - 150				04/01/14 08:33	04/02/14 12:13	1
Phenol-d5			23		16 - 120				04/01/14 08:33	04/02/14 12:13	1

TestAmerica Buffalo

QC Sample Results

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

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

Lab Sample ID: LCS 480-173095/2-A				Client Sample ID: Lab Control Sample				
				Prep Type: Total/NA				
				Prep Batch: 173095				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
1,4-Dichlorobenzene	0.100	0.0357		mg/L	36	32 - 120		
2,4-Dinitrotoluene	0.100	0.0806		mg/L	81	65 - 154		
Hexachlorobenzene	0.100	0.0833		mg/L	83	14 - 108		
Hexachlorobutadiene	0.100	0.0493		mg/L	49	14 - 108		
Hexachloroethane	0.100	0.0288		mg/L	29	14 - 101		
3-Methylphenol	0.100	0.0483		mg/L	48	39 - 120		
2-Methylphenol	0.100	0.0501		mg/L	50	39 - 120		
4-Methylphenol	0.100	0.0483		mg/L	48	39 - 120		
Nitrobenzene	0.100	0.0518		mg/L	52	45 - 123		
Pentachlorophenol	0.200	0.182		mg/L	91	39 - 136		
Pyridine	0.100	0.0304		mg/L	30	10 - 120		
2,4,5-Trichlorophenol	0.100	0.0816		mg/L	82	65 - 126		
2,4,6-Trichlorophenol	0.100	0.0758		mg/L	76	64 - 120		
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
2,4,6-Tribromophenol	84		52 - 132					
2-Fluorobiphenyl	64		48 - 120					
2-Fluorophenol	30		20 - 120					
Nitrobenzene-d5	51		46 - 120					
p-Terphenyl-d14	71		67 - 150					
Phenol-d5	24		16 - 120					
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD
1,4-Dichlorobenzene	0.100	0.0440		mg/L	44	32 - 120	21	36
2,4-Dinitrotoluene	0.100	0.103 *		mg/L	103	65 - 154	24	20
Hexachlorobenzene	0.100	0.106 *		mg/L	106	14 - 108	24	15
Hexachlorobutadiene	0.100	0.0616		mg/L	62	14 - 108	22	44
Hexachloroethane	0.100	0.0373		mg/L	37	14 - 101	26	46
3-Methylphenol	0.100	0.0598		mg/L	60	39 - 120	21	30
2-Methylphenol	0.100	0.0620		mg/L	62	39 - 120	21	27
4-Methylphenol	0.100	0.0598		mg/L	60	39 - 120	21	24
Nitrobenzene	0.100	0.0624		mg/L	62	45 - 123	18	24
Pentachlorophenol	0.200	0.231		mg/L	115	39 - 136	24	37
Pyridine	0.100	0.0346		mg/L	35	10 - 120	13	49
2,4,5-Trichlorophenol	0.100	0.101 *		mg/L	101	65 - 126	21	18
2,4,6-Trichlorophenol	0.100	0.0969 *		mg/L	97	64 - 120	24	19
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits					
2,4,6-Tribromophenol	108		52 - 132					
2-Fluorobiphenyl	82		48 - 120					
2-Fluorophenol	36		20 - 120					
Nitrobenzene-d5	63		46 - 120					
p-Terphenyl-d14	86		67 - 150					

TestAmerica Buffalo

QC Sample Results

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

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

Lab Sample ID: LCSD 480-173095/3-A
Matrix: Solid
Analysis Batch: 173258

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 173095

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits
Phenol-d5			29		16 - 120

Lab Sample ID: LB 480-172234/1-D
Matrix: Solid
Analysis Batch: 173258

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 173095

Analyte	LB	LB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene			ND		0.010	0.00046	mg/L		04/01/14 08:33	04/02/14 13:25	1
2,4-Dinitrotoluene			ND		0.0050	0.00045	mg/L		04/01/14 08:33	04/02/14 13:25	1
Hexachlorobenzene			ND		0.0050	0.00051	mg/L		04/01/14 08:33	04/02/14 13:25	1
Hexachlorobutadiene			ND		0.0050	0.00068	mg/L		04/01/14 08:33	04/02/14 13:25	1
Hexachloroethane			ND		0.0050	0.00059	mg/L		04/01/14 08:33	04/02/14 13:25	1
3-Methylphenol			ND		0.010	0.00040	mg/L		04/01/14 08:33	04/02/14 13:25	1
2-Methylphenol			ND		0.0050	0.00040	mg/L		04/01/14 08:33	04/02/14 13:25	1
4-Methylphenol			ND		0.010	0.00036	mg/L		04/01/14 08:33	04/02/14 13:25	1
Nitrobenzene			ND		0.0050	0.00029	mg/L		04/01/14 08:33	04/02/14 13:25	1
Pentachlorophenol			ND		0.010	0.0022	mg/L		04/01/14 08:33	04/02/14 13:25	1
Pyridine			ND		0.025	0.00041	mg/L		04/01/14 08:33	04/02/14 13:25	1
2,4,5-Trichlorophenol			ND		0.0050	0.00048	mg/L		04/01/14 08:33	04/02/14 13:25	1
2,4,6-Trichlorophenol			ND		0.0050	0.00061	mg/L		04/01/14 08:33	04/02/14 13:25	1

Surrogate	LB	LB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol			93		52 - 132	04/01/14 08:33	04/02/14 13:25	1
2-Fluorobiphenyl			55		48 - 120	04/01/14 08:33	04/02/14 13:25	1
2-Fluorophenol			24		20 - 120	04/01/14 08:33	04/02/14 13:25	1
Nitrobenzene-d5			41 X		46 - 120	04/01/14 08:33	04/02/14 13:25	1
p-Terphenyl-d14			85		67 - 150	04/01/14 08:33	04/02/14 13:25	1
Phenol-d5			17		16 - 120	04/01/14 08:33	04/02/14 13:25	1

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

Lab Sample ID: MB 480-172262/1-A
Matrix: Solid
Analysis Batch: 172221

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172262

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016			ND		0.20	0.039	mg/Kg		03/27/14 10:21	03/28/14 09:22	1
PCB-1221			ND		0.20	0.039	mg/Kg		03/27/14 10:21	03/28/14 09:22	1
PCB-1232			ND		0.20	0.039	mg/Kg		03/27/14 10:21	03/28/14 09:22	1
PCB-1242			ND		0.20	0.039	mg/Kg		03/27/14 10:21	03/28/14 09:22	1
PCB-1248			ND		0.20	0.039	mg/Kg		03/27/14 10:21	03/28/14 09:22	1
PCB-1254			ND		0.20	0.093	mg/Kg		03/27/14 10:21	03/28/14 09:22	1
PCB-1260			ND		0.20	0.093	mg/Kg		03/27/14 10:21	03/28/14 09:22	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl			118		47 - 176	03/27/14 10:21	03/28/14 09:22	1
Tetrachloro-m-xylene			109		46 - 175	03/27/14 10:21	03/28/14 09:22	1

TestAmerica Buffalo

QC Sample Results

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

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

Lab Sample ID: LCS 480-172262/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 172221

Prep Batch: 172262

Analyte		Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Added	Result	Qualifier				
PCB-1016		2.31	2.76		mg/Kg	119	51 - 185	
PCB-1260		2.31	2.99		mg/Kg	129	61 - 184	
Surrogate		LCS	LCS					
		%Recovery	Qualifier	Limits				
DCB Decachlorobiphenyl	121			47 - 176				
Tetrachloro-m-xylene	115			46 - 175				

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-172498/2-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 172816

Prep Batch: 172498

Analyte	Result	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Result	Qualifier							
Arsenic	ND			0.015	0.0056	mg/L		03/28/14 09:10	03/30/14 19:44	1
Barium	ND			0.0020	0.00070	mg/L		03/28/14 09:10	03/30/14 19:44	1
Cadmium	ND			0.0020	0.00050	mg/L		03/28/14 09:10	03/30/14 19:44	1
Chromium	ND			0.0040	0.0010	mg/L		03/28/14 09:10	03/30/14 19:44	1
Lead	ND			0.010	0.0030	mg/L		03/28/14 09:10	03/30/14 19:44	1
Selenium	ND			0.025	0.0087	mg/L		03/28/14 09:10	03/30/14 19:44	1
Silver	ND			0.0060	0.0017	mg/L		03/28/14 09:10	03/30/14 19:44	1

Lab Sample ID: LCS 480-172498/3-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 172816

Prep Batch: 172498

Analyte		Spike	LCS	LCS	Unit	D	%Rec	Limits
		Added	Result	Qualifier				
Arsenic		1.00	1.02		mg/L		102	80 - 120
Barium		1.00	0.915		mg/L		92	80 - 120
Cadmium		1.00	0.973		mg/L		97	80 - 120
Chromium		1.00	0.934		mg/L		93	80 - 120
Lead		1.00	0.956		mg/L		96	80 - 120
Selenium		1.00	1.03		mg/L		103	80 - 120
Silver		1.00	1.06		mg/L		106	80 - 120

Lab Sample ID: LB 480-172234/1-B

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: TCLP

Analysis Batch: 172816

Prep Batch: 172498

Analyte	Result	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Result	Qualifier							
Arsenic	ND			0.015	0.0056	mg/L		03/28/14 09:10	03/30/14 19:41	1
Barium	0.00459			0.0020	0.00070	mg/L		03/28/14 09:10	03/30/14 19:41	1
Cadmium	ND			0.0020	0.00050	mg/L		03/28/14 09:10	03/30/14 19:41	1
Chromium	0.00275 J			0.0040	0.0010	mg/L		03/28/14 09:10	03/30/14 19:41	1
Lead	ND			0.010	0.0030	mg/L		03/28/14 09:10	03/30/14 19:41	1
Selenium	ND			0.025	0.0087	mg/L		03/28/14 09:10	03/30/14 19:41	1
Silver	ND			0.0060	0.0017	mg/L		03/28/14 09:10	03/30/14 19:41	1

TestAmerica Buffalo

QC Sample Results

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-172518/2-A

Matrix: Solid

Analysis Batch: 172632

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		03/28/14 11:00	03/28/14 14:56	1

Lab Sample ID: LCS 480-172518/3-A

Matrix: Solid

Analysis Batch: 172632

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Mercury	0.00668	0.00678		mg/L		102	80 - 120

Lab Sample ID: LB 480-172234/1-C

Matrix: Solid

Analysis Batch: 172632

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		03/28/14 11:00	03/28/14 14:54	1

Method: 1010A - Ignitability,Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-172450/1

Matrix: Solid

Analysis Batch: 172450

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Flashpoint	81.0	81.00		Degrees F		100	97.5 - 102.

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TestAmerica Buffalo

QC Association Summary

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

GC/MS VOA

Leach Batch: 172263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	1311	
LB 480-172263/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 172656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	8260C	
LB 480-172263/1-A	Method Blank	TCLP	Solid	8260C	172263
LCS 480-172656/5	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-172656/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 172234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	1311	
LB 480-172234/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 173095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	3510C	
LB 480-172234/1-D	Method Blank	TCLP	Solid	3510C	172234
LCS 480-173095/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-173095/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-173095/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 173258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	8270D	
LB 480-172234/1-D	Method Blank	TCLP	Solid	8270D	173095
LCS 480-173095/2-A	Lab Control Sample	Total/NA	Solid	8270D	173095
LCSD 480-173095/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	173095
MB 480-173095/1-A	Method Blank	Total/NA	Solid	8270D	173095

GC Semi VOA

Analysis Batch: 172221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	Total/NA	Solid	8082A	
LCS 480-172262/2-A	Lab Control Sample	Total/NA	Solid	8082A	172262
MB 480-172262/1-A	Method Blank	Total/NA	Solid	8082A	172262

Prep Batch: 172262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	Total/NA	Solid	3550C	
LCS 480-172262/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 480-172262/1-A	Method Blank	Total/NA	Solid	3550C	



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TestAmerica Buffalo

QC Association Summary

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Metals

Leach Batch: 172234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	1311	
LB 480-172234/1-B	Method Blank	TCLP	Solid	1311	
LB 480-172234/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 172498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	3010A	172234
LB 480-172234/1-B	Method Blank	TCLP	Solid	3010A	172234
LCS 480-172498/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-172498/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 172518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	7470A	172234
LB 480-172234/1-C	Method Blank	TCLP	Solid	7470A	172234
LCS 480-172518/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-172518/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 172632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	7470A	172518
LB 480-172234/1-C	Method Blank	TCLP	Solid	7470A	172518
LCS 480-172518/3-A	Lab Control Sample	Total/NA	Solid	7470A	172518
MB 480-172518/2-A	Method Blank	Total/NA	Solid	7470A	172518

Analysis Batch: 172816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	TCLP	Solid	6010C	172498
LB 480-172234/1-B	Method Blank	TCLP	Solid	6010C	172498
LCS 480-172498/3-A	Lab Control Sample	Total/NA	Solid	6010C	172498
MB 480-172498/2-A	Method Blank	Total/NA	Solid	6010C	172498

General Chemistry

Analysis Batch: 172140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	Total/NA	Solid	Moisture	

Analysis Batch: 172450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56645-1	SOIL	Total/NA	Solid	1010A	
LCS 480-172450/1	Lab Control Sample	Total/NA	Solid	1010A	

TestAmerica Buffalo

Lab Chronicle

Client: Heritage Interactive Services LLC
 Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Client Sample ID: SOIL

Date Collected: 03/26/14 08:45

Date Received: 03/26/14 10:10

Lab Sample ID: 480-56645-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			172263	03/27/14 10:24	KEB	TAL BUF
TCLP	Analysis	8260C		10	172656	03/28/14 23:41	NMD1	TAL BUF
TCLP	Leach	1311			172234	03/27/14 09:14	KEB	TAL BUF
TCLP	Prep	3510C			173095	04/01/14 08:33	MRB	TAL BUF
TCLP	Analysis	8270D		1	173258	04/02/14 13:49	ANM	TAL BUF
Total/NA	Prep	3550C			172262	03/27/14 10:21	CAM	TAL BUF
Total/NA	Analysis	8082A		1	172221	03/28/14 11:35	JMM	TAL BUF
TCLP	Leach	1311			172234	03/27/14 09:14	KEB	TAL BUF
TCLP	Prep	3010A			172498	03/28/14 09:10	EHD	TAL BUF
TCLP	Analysis	6010C		1	172816	03/30/14 20:04	HTL	TAL BUF
TCLP	Leach	1311			172234	03/27/14 09:14	KEB	TAL BUF
TCLP	Prep	7470A			172518	03/28/14 11:00	EHD	TAL BUF
TCLP	Analysis	7470A		1	172632	03/28/14 15:21	LRK	TAL BUF
Total/NA	Analysis	1010A		1	172450	03/28/14 06:33	LAW	TAL BUF
Total/NA	Analysis	Moisture		1	172140	03/26/14 22:26	CMK	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



Certification Summary

Client: Heritage Interactive Services LLC

Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	State Program	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14 *
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14 *
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-14 *
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14 *
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	03-31-14 *
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

Method Summary

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
1010A	Ignitability,Pensky-Martens Closed Cup Method	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



Sample Summary

Client: Heritage Interactive Services LLC
Project/Site: Delphi Lockport

TestAmerica Job ID: 480-56645-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56645-1	SOIL	Solid	03/26/14 08:45	03/26/14 10:10



TestAmerica Buffalo

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes No

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client DELPHI THERMAL			Project Manager John FRANDIN			Date 3/26/14	Chain of Custody Number 262532																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Chain of Custody Record

Login Sample Receipt Checklist

Client: Heritage Interactive Services LLC

Job Number: 480-56645-1

Login Number: 56645

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	HIS LLC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	