



Engineering and
Land Surveying, P.C.



FIELD SAMPLING REPORT

FORTINO TIRE SITE

WEST MONROE, NEW YORK

PREPARED FOR:

NYS DEPARTMENT OF CONSERVATION (NYSDEC) AND
NYS OFFICE OF GENERAL SERVICES (NYSOGS)

NYSOGS PROJECT NO.: 47134 – WORK ORDER 7 TO CONTRACT SA616
MJ PROJECT NO.: 915.06

JULY 2015

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1.0 Introduction

MJ Engineering and Land Surveying, P.C. (MJ) was contracted by the New York State Office of General Services (NYSOGS) and the New York State Department of Conservation (NYSDEC) to complete an environmental investigation associated with Automobile Shredder Residue (ASR) waste at the Fortino Tire Site (Site). The Site is located off the Pinnacle Road Spur in the town of West Monroe, Oswego County, New York. A Sampling and Analysis Plan (SAP) for the ASR waste was developed and implemented by MJ to assess the waste characterization and quantities of the ASR waste.

This ASR waste investigation was completed to obtain recent analytical data for the ASR waste, further refine waste amounts, and estimate disposal costs as previously outlined in the March 2014 Program Report prepared by Shumaker Consulting Engineering & Land Surveying, D.P.C.

This Field Sampling Report was developed to address the following objectives:

- Assess waste material;
- Approximate waste depth; and
- Analyze ASR waste for disposal facility characterization.

Sections 2.0 and 3.0 of this report discuss the site background and Scope of Work (SOW).

2.0 Site Background

The Site is located on Pinnacle Road Spur, West Monroe, New York. The Site was historically utilized as a municipal waste accumulation area and a used tire and ASR waste accumulation area. The Site is bounded by private landowners in all directions. To the north, east, and west of the Site are New York State Department of Environmental Conservation (NYSDEC) and US Army Corps of Engineers (USACE) wetlands. Historically, the site has partially flooded due to beaver activity. Clemson Beaver Pond Levelers were reportedly used to control the level of surrounding beaver impoundments and have eliminated much of the site flooding. Two Clemson Beaver Pond Levelers remain functional today and are installed under the primary access road. A gravel entrance and interior roadways are present on the site.

In 2004, NYSDEC initiated a tire remediation effort in conformance with the New York State Waste Tire Management and Recycling Act of 2003. Between 2004 and 2009, approximately 11 to 12 million tires were processed into New York State Department of Transportation (NYSDOT) GCP-19 compliant tire shred material and removed from the site. The Site currently contains a large stockpile of ASR waste, estimated to be approximately 55,000 cubic yards (cy) in volume. Waste tires and metal components are also present with the ASR waste pile; however, the quantity of tires and metal within the pile are unknown.

The ASR waste consists of shredded automobile interior components. In the mid-1980s, the material was reportedly dumped over an embankment, partially entering wetlands adjacent to the site to the north. There has been no record of electrical components, such as PCB containing capacitors, being separated from the waste and PCBs are present in the ASR waste.

Municipal waste from the Town of Monroe had also been previously dumped on the site in the area west and immediately adjacent to the ASR waste area.

Figure 1 - Project Location

Figure 1 illustrates the project location and limits. The following subsections discuss the project history, current site conditions, and a summary of the individual sites of environmental concern.

2.1 Previous Investigations

Sampling of the ASR waste, performed in 1990 and 1991 by NYSDEC, indicated that PCBs were reported in the ASR waste, but were not present above 1 ppm in adjacent soil and water. Additional sampling of the ASR waste was conducted in 2008, 2009, and 2011 by the NYSDEC with some samples exhibiting PCB levels in excess of the Toxic Substances Control Act (TSCA) 50 ppm hazardous waste concentration limit.

The Program Report for this project estimated ASR waste volume of approximately 20,000 cy. Based upon this sampling effort, observed boring depths in combination with 3D laser scanning of the pile, the ASR waste is estimated to be approximately 55,000 cy.

2.2 Current Site Conditions

The site is located in the Town of West Monroe, Oswego County, New York. The project area is primarily vacant surrounded by wetlands. The project area that is the subject of the investigation includes the Site, ASR accumulation area, and the surrounding NYSDEC and USACE wetlands. Threemile Creek is located southwest of the project area and the Town of West Monroe is to the south and west of the site.

2.3 Site Summary

The Site was identified as an area of concern due to the following:

- The Site was historically used as a waste accumulation area for used tires, ASR waste, and municipal waste from the Town of West Monroe. Limited information was available regarding former waste generation and/or disposal of hazardous substances.
- Based on subsurface investigations, much of the materials in the project area consist of ASR, which is comprised of interior automobile components mixed with used tires.

3.0 Scope of Work (SOW)

The SOW was developed to address the objectives stated in Section 1.0 of this report and consists of two main tasks:

- Field Sampling Investigation
- Investigation Findings Summary

As part of the SOW, a site-specific Health and Safety Plan was developed to address the health and safety practices that were employed by site workers participating in the investigation fieldwork. The health and safety plan can be found in the SAP document.

3.1 Field Sampling Investigation

The field sampling for the Site consisted of ASR waste sampling to the depth of natural soils. A total of 56 borings were advanced throughout the Site. Based on the homogenous nature of the waste, one composite sample from each boring was collected for analytical testing. The waste samples were analyzed by Test America Laboratories for waste disposal parameters listed below. One composite sample consisting of nine sample boring locations (location ID No. 8, 9, 15, 16, 23, 24, 25, 32, and 33) was collected where the boring depth of the ASR waste stockpile was less than one foot. **Table 1** below presents a summary of analytical samples and the sampling rationale for each of the sites of concern. **Figure 2** in **Appendix A** depicts the ASR boring sample locations.

During to the field sampling investigation, MJ utilized a 3-D modeling and scanning system to investigate the approximate dimensions and volume of the ASR pile. The ASR pile is approximately 640 feet at its longest and 400 and its widest. The heights of the ASR pile range from approximate 22 feet to less than one foot. Based on 3-D imaging, the volume of the ASR pile was calculated to be approximately 55,000 cubic yards.

Table 1: Sample Collection Summary			
Medium	Sampling Method	Analytical Parameters	Actual Number of Field Samples
ASR boring samples	Split spoon sampler	TCLP – RCRA 8 Metals	48
		PCBs	48
		Ignitability (RCRA)	48
		Reactivity	48
		Corrosivity (pH)	48
Notes: Full TCLP - Toxicity Characteristic Leaching Procedure: EPA Method 6010 for lead – composite samples. Ignitability (RCRA) - RCRA ignitability hazardous waste characteristics: EPA Method 1010 – composite samples. Reactivity – RCRA reactivity hazardous waste characteristics: Method SW Sec. 7.3 – composite samples Corrosivity as pH – RCRA corrosivity hazardous waste characteristics: Method 9045 – composite samples.			

3.2 Sampling Summary

From May 18 through 27, 2015, MJ collected 48 ASR samples from the Site's ASR stockpile. Drilling and boring services for sampling collection were provided by QCQA Laboratories, Inc. of Schuylerville, NY. **Figure 2 in Appendix A** illustrates the ASR boring sample locations. Samples were relinquished to and analyzed by Test America of Buffalo, NY, an New York State Department of Health (NYSDOH) ELAP certified laboratory for the following analytical parameters:

Analytical Parameters		Analytical Method
Polychlorinated Biphenyls (PBCs)	Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, and Aroclor-1260	8082A
RCRA Metals	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, and Mercury	6010C, 7470A, and 7471B
Volatile Organic Compounds (VOCs)	1,1-Dichloroethene, 1,2-Dichloroethane, 2-Butanone (MEK), Benzene, Carbon tetrachloride, Chlorobenzene, Chloroform, Tetrachloroethene, Trichloroethene, Vinyl chloride	8260C
Semi Volatile Organic Compounds (SVOCs)	1,4-Dichlorobenzene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dinitrotoluene, 2-Methylphenol, 3-Methylphenol, 4-Methylphenol, Hexachlorobenzene, Hexachlorobutadiene, Hexachloroethane, Nitrobenzene, Pentachlorophenol, and Pyridine	8270D
Reactivity	Cyanide, Reactive and Sulfide, Reactive	N/A
Corrosivity	pH	
Ignitability	Flashpoint	

Table 2 below provides the physical coordinates and depth to native soil for each of the boring sampling locations.

Table 2: Sampling Location Physical Data				
Sample Location	Sampling Date	Depth (ft)	Coordinates	
			N	W
1	5/19/2015	10	43.29648	76.04072
2	5/20/2015	12	43.29624	76.04060
3	5/26/2015	19	43.29635	76.04059
4	5/26/2015	19	43.29350	76.04038
5	5/18/2015	16-18	43.29625	76.04440
6	5/18/2015	10-12	43.29614	76.04055
7	5/26/2015	9	43.29630	76.03960
8*	5/21/2015	< 1	43.29597	76.04063
9*	5/21/2015	< 1	43.29591	76.04064
10	5/19/2015	14	43.29665	76.04037
11	5/19/2015	18	43.29651	76.04032
12	5/19/2015	18	43.29647	76.04048
13	5/18/2015	12-14	43.29616	76.04038
14	5/18/2015	10-12	43.29610	76.04041
15*	5/18/2015	0	43.29601	76.04046
16*	5/21/2015	< 1	43.29585	76.04051
17	5/26/2017	12	43.29665	76.04051
18	5/20/2015	11	43.29657	76.04001
19	5/19/2015	22	43.29651	76.04011
20	5/19/2015	20-22	43.29638	76.04043
21	5/19/2015	19	43.29634	76.04008
22	5/22/2015	14	43.29614	76.04014
23*	5/21/2015	< 1	43.29600	76.04021
24*	5/21/2015	< 1	43.29589	76.04029
25*	5/21/2015	< 1	43.29579	76.04035
26	5/20/2015	10	43.29659	76.04002
27	5/20/2015	10	43.29652	76.03981
28	5/20/2015	18	43.29643	76.03989
29	5/19/2015	16	43.29621	76.04001
30	5/20/2015	12	43.29604	76.04003
31	5/21/2015	9	43.29594	76.04008
32*	5/21/2015	< 1	43.29582	76.04015
33*	5/21/2015	< 1	43.29574	76.04022
34	5/26/2015	19	43.29629	76.03992
35	5/26/2015	9	43.29646	76.03958
36	5/20/2015	9	43.29631	76.03942
37	5/20/2015	9	43.29623	76.03970
38	5/20/2015	12	43.29603	76.03993
39	5/21/2015	8	43.29591	76.03994
40	5/21/2015	8	43.29577	76.03989

*Sample locations combined for composite sample SHA-1

Table 2 Cont.				
Sample Location	Sampling Date	Depth (ft)	Coordinates	
			N	W
40-A	5/21/2015	9	43.29576	76.03972
41	5/21/2015	6	43.29565	76.03987
42	5/20/2015	10	43.29611	76.03940
43	5/22/2015	16	43.29598	76.03956
44	5/21/2015	16	43.29575	76.03947
45	5/21/2015	10	43.29565	76.03956
46	5/21/2015	8	43.29557	76.03971
47	5/21/2015	10	43.29542	76.03966
48	5/21/2015	10	43.29546	76.03943
49	5/21/2015	9	43.29545	76.03921
50	5/21/2015	2	43.29529	76.03898
51	5/26/2015	19	43.29310	76.04022
52	5/26/2015	22	43.29642	76.04015
53	5/20/2015	13	43.29632	76.03977
54	5/21/2015	11	43.29594	76.03975
55	5/22/2015	16	43.29583	76.03958

*Sample locations combined for composite sample SHA-1

4.0 Conclusions

Table 3, located on the following page, presents a summary of the selected analytes resulting in concentration values greater than the EPA Title 40 § 261.24 regulatory hazardous waste standards and EPA 40 CFR §761.61(a)(5)(i)(B)(2)(iii) PCB remediation waste disposal standards for each of the sampling locations.

Sample results displayed in **Table 3** following the waste classification color keys below:

	(=)	Non-Hazardous
	(= or >)	Hazardous only
	(= or >)	TSCA only
	(= or >)	Both TSCA and Hazardous

Analytical Parameter	Standard Value	Standard Unit	Sample Location											
			1	2	3	4	5	6	7	10	11	12	13	14
Aroclor-1242 (PCB)	50	ppm	4.3	39	36	19	100	92	23	27	19	26	30	19
Aroclor-1254 (PCB)	50	ppm	7.7	45	33	20	93	240	40	51	22	21	44	13
Cadmium	1	mg/L	0.064	1.2	0.46	0.63	0.7	1.1	0.76	0.72	0.59	0.57	0.40	0.46
Lead	5	mg/L	0.53	2.4	2.0	2.7	4.6	6.6	1.6	4.2	3.1	3.4	1.8	1.9
Mercury	0.2	mg/L	0.84	0.72	ND	ND	5.7	11.9	ND	3.9	3.5	2.2	2.9	0.98

Analytical Parameter	Standard Value	Standard Unit	Sample Location											
			17	18	19	20	21	22	26	27	28	29	30	31
Aroclor-1242 (PCB)	50	ppm	33	15	38	30	28	14	25	18	22	27	0.19	43
Aroclor-1254 (PCB)	50	ppm	35	14	38	25	34	19	16	14	39	21	0.14	21
Cadmium	1	mg/L	0.58	0.64	0.51	0.25	0.52	0.53	0.43	0.51	0.63	0.53	0.44	1.1
Lead	5	mg/L	1.4	2.5	5.5	2.7	4.1	6.3	2.8	2.2	3.0	6.6	2.4	7.9
Mercury	0.2	mg/L	ND	4.5	2.5	3.1	2.8	ND	4.5	5.5	3.7	0.83	6.2	0.0016

Analytical Parameter	Standard Value	Standard Unit	Sample Location											
			34	35	36	37	38	39	40	40-A	41	42	43	44
Aroclor-1242 (PCB)	50	ppm	22	21	18	19	0.38	45	52	36	56	16	6.1	17
Aroclor-1254 (PCB)	50	ppm	26	44	37	20	0.30	26	43	36	62	30	9.9	28
Cadmium	1	mg/L	0.37	0.76	0.66	0.58	0.44	0.47	0.49	0.5	0.57	0.55	0.79	0.63
Lead	5	mg/L	5.4	3.6	1.0	1.8	2.2	1.7	4	2.1	3.8	1.6	3.4	0.79
Mercury	0.2	mg/L	ND	ND	4.4	4.2	4.1	0.00076	0.00019	0.00012	0.00012	4.7	0.00012	ND

Analytical Parameter	Standard Value	Standard Unit	Sample Location											
			45	46	47	48	49	50	51	52	53	54	55	SHA-1*
Aroclor-1242 (PCB)	50	ppm	24	17	9.3	24	20	3.2	23	25	20	61	6.9	1.6
Aroclor-1254 (PCB)	50	ppm	26	12	7.3	13	14	4.9	25	28	33	43	8.4	4.7
Cadmium	1	mg/L	0.61	0.49	0.23	0.31	0.33	0.16	0.65	0.48	0.51	0.44	0.38	0.19
Lead	5	mg/L	2.2	4.3	2.3	2.0	1.4	1.1	1.2	3.6	6.3	2.8	2.1	0.54
Mercury	0.2	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = None Detected

*SHA-1 is a composite sample composed of ASR samples at location ID No. 8, 9, 15, 16, 23, 24, 25, 32, and 33.

The following table illustrates how each sample's resulting concentrations corresponds with waste disposal classifications:

Waste Disposal Classification	Sample Locations
TSCA Hazardous Waste - PCBs (≥ 50 ppm)	40, 41, and 54
RCRA Hazardous Waste - Metals	1, 2, 11, 12, 13, 14, 18, 19, 20, 21, 22, 26, 27, 28, 29, 30, 31, 34, 36, 37, 38, 42, and 53
RCRA and TSCA Hazardous Waste - PCBs and Metals	5, 6, and 10
Non-RCRA and Non-TSCA Hazardous Waste	3, 4, 7, 17, 35, 39, 40-A, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 55, and SHA-1

Test America's Laboratory analytical laboratory report is provided in **Appendix B**.

Figure 2 in **Appendix A** illustrates sample areas and their corresponding contamination parameters (metal toxicity and PCBs) in regards to hazardous waste classification.

ASR waste in sampling areas containing concentrations below the TSCA and EPA hazardous waste concentration standards, thus are identified as non-hazardous waste. A total of 18 of 48 sample areas were identified as containing non-TSCA and non-EPA hazardous waste (including the composite sample consisting of nine sampling locations). ASR wastes in sampling areas containing concentration at or above the TSCA and EPA hazardous waste standards are identified as hazardous wastes.

5.0 Recommendations

As part of the proposed remediation, waste will be placed in a designated waste stockpile area in 500 cy increments. Those increments will be samples for waste characterization and acceptance in accordance with the receiving treatment, storage, and disposal facility (TSDF) requirements.

6.0 References

"Characterization of Hazardous Waste Sites, A Method Manual, Volume 2, Available Sampling Methods", 3rd Edition, USEPA, November 1986.

"Determination of Soil Cleanup Objectives and Cleanup Levels", NYSDEC Division of Hazardous Waste Remediation Technical and Administrative Guidance Memorandum (TAGM) HWR-92-4046, November 1992, revised January 24, 1994.

SAMPLING AND ANALYSIS PLAN Fortino Tire Site – Phase V- Schumaker Engineering- April 5, 2013.

Fortino Tire Site Field Sampling Plan – MJ Engineering and Land Surveying, P.C. – May 2015

APPENDIX A

SAMPLING LOCATIONS AND CLASSIFICATION PARAMETERS

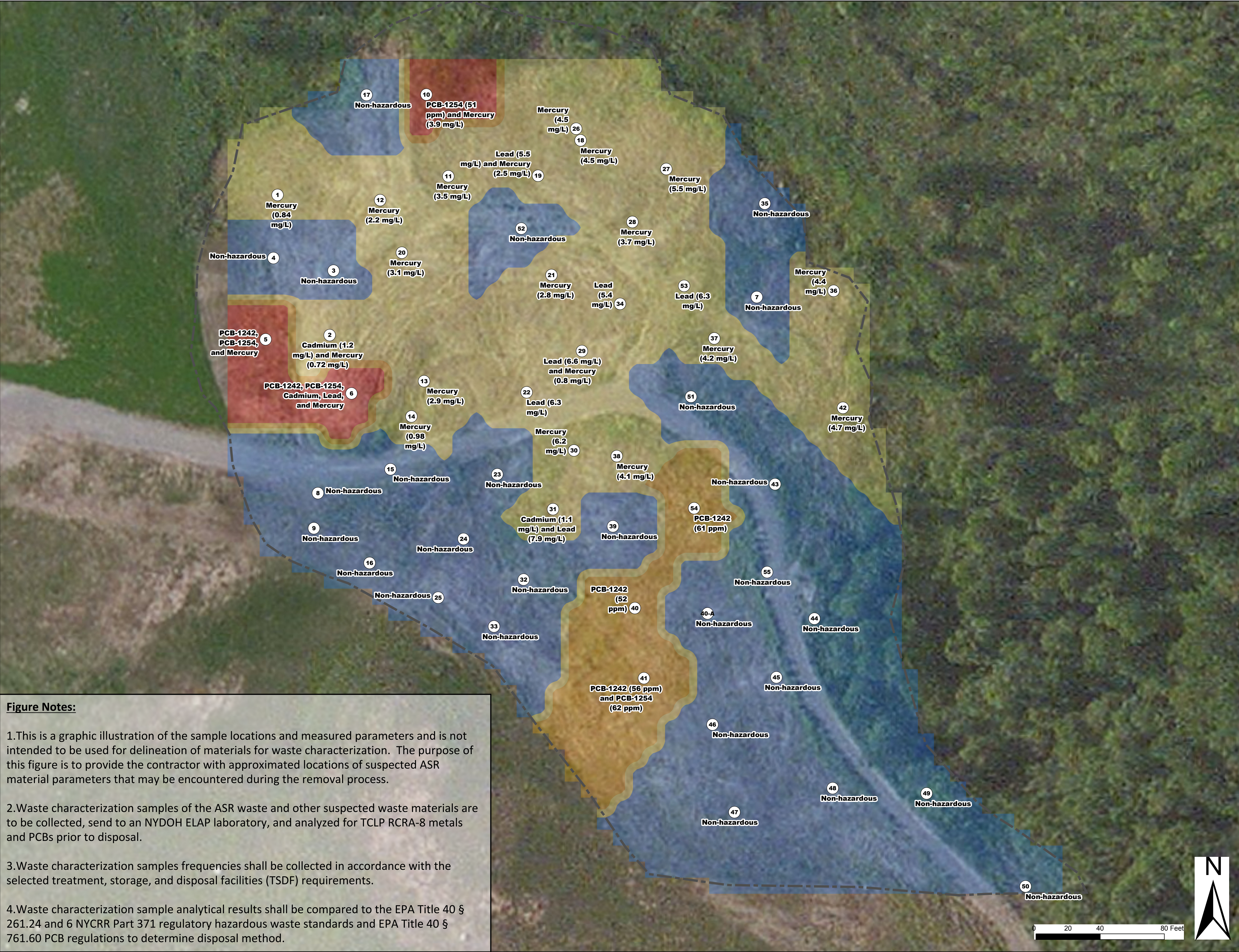


Figure Notes:

- 1.This is a graphic illustration of the sample locations and measured parameters and is not intended to be used for delineation of materials for waste characterization. The purpose of this figure is to provide the contractor with approximated locations of suspected ASR material parameters that may be encountered during the removal process.
- 2.Waste characterization samples of the ASR waste and other suspected waste materials are to be collected, send to an NYDOH ELAP laboratory, and analyzed for TCLP RCRA-8 metals and PCBs prior to disposal.
- 3.Waste characterization samples frequencies shall be collected in accordance with the selected treatment, storage, and disposal facilities (TSDF) requirements.
- 4.Waste characterization sample analytical results shall be compared to the EPA Title 40 § 261.24 and 6 NYCRR Part 371 regulatory hazardous waste standards and EPA Title 40 § 761.60 PCB regulations to determine disposal method.

CONTRACTOR:



Engineering and
Land Surveying, P.C.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY,
UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE
PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT,
ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT
FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE
NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS
AND IS A CLASS 'A' MISDEMEANOR.

CONTRACT:

TITLE:
DISPOSE OF ASR WASTE

LOCATION:
FORTINO TIRE SITE
PINNACLE ROAD
WEST MONROE, NY 131

CLIENT
NYSOGS AND NYSDEC

FIGURE 2		
SAMPLING LOCATIONS AND CONTAMINATION PARAMETERS		
MARK	DATE	DESCRIPTION
PROJECT NUMBER:		
DESIGNED BY:		
DRAWN BY:		
FIELD CHECK:		
APPROVED:		
SHEET TITLE:		
DRAWING NUMBER:		
SHEET	OF	##
ASSET NUMBER	DWG. TYPE	

APPENDIX B

ANALYTICAL REPORT FOR THE SAMPLE LOCATIONS

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-80671-1

Client Project/Site: Characterization Sample -West Monroe, NY

For:

MJ Engineering & Land Surveying PC

1533 Crescent Road

Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld



Authorized for release by:

6/4/2015 11:27:13 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com

LINKS

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results through

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Have a Question?



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www.testamericainc.com

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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Job ID: 480-80671-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-80671-1

Receipt

The samples were received on 5/20/2015 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.6° C and 0.8° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6), West Monroe NY-Fortino Sample # 10 (480-80671-7), West Monroe NY-Fortino Sample # 01 (480-80671-8), (LB 480-243880/1-A), (480-80671-A-1-B MS) and (480-80671-A-1-B MSD). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

Method(s) 8270D: The surrogate recovery for the blank associated with preparation batch 480-244143 and analytical batch 480-244375 was outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

Method(s) 8270D: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 244143 recovered outside control limits for the following analytes: Nitrobenzene. West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6), West Monroe NY-Fortino Sample # 10 (480-80671-7) and West Monroe NY-Fortino Sample # 01 (480-80671-8)

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

GC Semi VOA

Method(s) 8081B: The continuing calibration verification (CCV) associated with batch 244261 recovered above the upper control limit for Chlordane (technical). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: Surrogate recovery for the following samples were outside control limits: West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6), West Monroe NY-Fortino Sample # 10 (480-80671-7) and West Monroe NY-Fortino Sample # 01 (480-80671-8), (LB 480-243878/1-C). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

Method(s) 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample # 20 (480-80671-1) and West Monroe NY-Fortino Sample # 12 (480-80671-6). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6) and West Monroe NY-Fortino Sample # 10 (480-80671-7).
Reagents:2022870,1848563 and 1931923

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

Case Narrative

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Job ID: 480-80671-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Metals

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

General Chemistry

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe. West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6), West Monroe NY-Fortino Sample # 10 (480-80671-7) and West Monroe NY-Fortino Sample # 01 (480-80671-8)

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

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with extraction batch 244150.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with extraction batch 244143.

Method(s) 8151A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with extraction batch 244140.

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

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 20

Lab Sample ID: 480-80671-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.13		0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.13		0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	30000		4400	1500	ug/Kg	100	✱	8082A	Total/NA
Aroclor-1254	25000		4400	1900	ug/Kg	100	✱	8082A	Total/NA
Arsenic	0.0058	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	3.8		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.25		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.7		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	3.1		0.26	0.11	mg/Kg	10	✱	7471B	Total/NA
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
pH	7.55	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 21

Lab Sample ID: 480-80671-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.0023	J	0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.0023	J	0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	28000		4000	1300	ug/Kg	100	✱	8082A	Total/NA
Aroclor-1254	34000	p	4000	1700	ug/Kg	100	✱	8082A	Total/NA
Arsenic	0.0061	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	5.7		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.52		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	4.1		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	2.8		0.24	0.098	mg/Kg	10	✱	7471B	Total/NA
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
pH	7.28	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 29

Lab Sample ID: 480-80671-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	27000		4300	1400	ug/Kg	100	✱	8082A	Total/NA
Aroclor-1254	21000		4300	1800	ug/Kg	100	✱	8082A	Total/NA
Arsenic	0.0071	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	4.3		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.53		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	6.6		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.83		0.026	0.011	mg/Kg	1	✱	7471B	Total/NA
Sulfide, Reactive	20.0		10	0.57	mg/Kg	1		9034	Total/NA
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
pH	7.27	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 19

Lab Sample ID: 480-80671-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.0045	J	0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.0045	J	0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	38000		4800	1600	ug/Kg	100	✱	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 19 (Continued)

Lab Sample ID: 480-80671-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	38000		4800	2000	ug/Kg	100	✱	8082A	Total/NA
Barium	6.4		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.51		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	5.5		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	2.5		0.27	0.11	mg/Kg	10	✱	7471B	Total/NA
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
pH	7.63	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 11

Lab Sample ID: 480-80671-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	19000	p	4300	1400	ug/Kg	100	✱	8082A	Total/NA
Aroclor-1254	22000	p	4300	1800	ug/Kg	100	✱	8082A	Total/NA
Barium	4.8		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.59		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.1		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	3.5		0.25	0.10	mg/Kg	10	✱	7471B	Total/NA
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
pH	7.57	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	26000		4400	1500	ug/Kg	100	✱	8082A	Total/NA
Aroclor-1254	21000		4400	1800	ug/Kg	100	✱	8082A	Total/NA
Barium	5.2		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.57		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.4		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	2.2		0.24	0.099	mg/Kg	10	✱	7471B	Total/NA
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
pH	7.28	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methoxychlor	0.00010	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Aroclor-1242	27000		4500	1500	ug/Kg	100	✱	8082A	Total/NA
Aroclor-1254	51000		4500	1900	ug/Kg	100	✱	8082A	Total/NA
Barium	3.7		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.72		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	4.2		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	3.9		0.25	0.10	mg/Kg	10	✱	7471B	Total/NA
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
pH	7.05	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 01

Lab Sample ID: 480-80671-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	4300		710	240	ug/Kg	20		☼	8082A	Total/NA
Aroclor-1254	7700		710	300	ug/Kg	20		☼	8082A	Total/NA
Barium	0.72	J F1	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.064		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	0.53	F1	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	0.84		0.022	0.0087	mg/Kg	1		☼	7471B	Total/NA
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
pH	7.38	HF	0.100	0.100	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 20

Lab Sample ID: 480-80671-1

Date Collected: 05/19/15 08:20

Matrix: Solid

Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 00:26	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 00:26	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 00:26	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 00:26	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 00:26	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 00:26	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 00:26	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 00:26	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 00:26	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 00:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		05/23/15 00:26	10
Toluene-d8 (Surr)	97		71 - 126		05/23/15 00:26	10
4-Bromofluorobenzene (Surr)	102		73 - 120		05/23/15 00:26	10
Dibromofluoromethane (Surr)	93		60 - 140		05/23/15 00:26	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 18:26	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 18:26	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 18:26	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 18:26	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 18:26	1
3-Methylphenol	0.13		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 18:26	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 18:26	1
4-Methylphenol	0.13		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 18:26	1
Nitrobenzene	ND *		0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 18:26	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 18:26	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 18:26	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 18:26	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		52 - 132	05/22/15 11:55	05/26/15 18:26	1
2-Fluorobiphenyl	59		48 - 120	05/22/15 11:55	05/26/15 18:26	1
2-Fluorophenol	31		20 - 120	05/22/15 11:55	05/26/15 18:26	1
Nitrobenzene-d5	58		46 - 120	05/22/15 11:55	05/26/15 18:26	1
p-Terphenyl-d14	78		67 - 150	05/22/15 11:55	05/26/15 18:26	1
Phenol-d5	23		16 - 120	05/22/15 11:55	05/26/15 18:26	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 11:18	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 11:18	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:18	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 11:18	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 11:18	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:18	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 11:18	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 20

Lab Sample ID: 480-80671-1

Date Collected: 05/19/15 08:20

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		20 - 120	05/22/15 12:02	05/23/15 11:18	1
Tetrachloro-m-xylene	70		36 - 120	05/22/15 12:02	05/23/15 11:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1221	ND		4400	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1232	ND		4400	2700	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1242	30000		4400	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1248	ND		4400	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1254	25000		4400	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1260	ND		4400	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	399	X	29 - 151	05/29/15 07:39	06/02/15 11:28	100
DCB Decachlorobiphenyl	291	p X	14 - 163	05/29/15 07:39	06/02/15 11:28	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	-	05/22/15 11:53	05/28/15 21:53	1
2,4-D	ND		0.0020	0.00040	mg/L	-	05/22/15 11:53	05/28/15 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	25	X	35 - 143	05/22/15 11:53	05/28/15 21:53	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0058	J	0.015	0.0056	mg/L	-	05/22/15 11:55	05/26/15 11:54	1
Barium	3.8		1.0	0.10	mg/L	-	05/22/15 11:55	05/26/15 11:54	1
Cadmium	0.25		0.0020	0.00050	mg/L	-	05/22/15 11:55	05/26/15 11:54	1
Chromium	ND		0.020	0.010	mg/L	-	05/22/15 11:55	05/26/15 11:54	1
Lead	2.7		0.020	0.0030	mg/L	-	05/22/15 11:55	05/26/15 11:54	1
Selenium	ND		0.025	0.0087	mg/L	-	05/22/15 11:55	05/26/15 11:54	1
Silver	ND		0.0060	0.0017	mg/L	-	05/22/15 11:55	05/26/15 11:54	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	-	05/22/15 12:00	05/22/15 14:32	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.1		0.26	0.11	mg/Kg	☼	06/01/15 14:00	06/01/15 16:49	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	-	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	-	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	-		05/31/15 13:51	1
pH	7.55	HF	0.100	0.100	SU	-		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 21

Lab Sample ID: 480-80671-2

Date Collected: 05/19/15 09:15

Matrix: Solid

Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 00:48	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 00:48	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 00:48	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 00:48	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 00:48	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 00:48	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 00:48	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 00:48	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 00:48	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 00:48	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		05/23/15 00:48	10
Toluene-d8 (Surr)	95		71 - 126		05/23/15 00:48	10
4-Bromofluorobenzene (Surr)	98		73 - 120		05/23/15 00:48	10
Dibromofluoromethane (Surr)	97		60 - 140		05/23/15 00:48	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 18:52	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 18:52	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 18:52	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 18:52	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 18:52	1
3-Methylphenol	0.0023	J	0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 18:52	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 18:52	1
4-Methylphenol	0.0023	J	0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 18:52	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 18:52	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 18:52	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 18:52	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 18:52	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		52 - 132	05/22/15 11:55	05/26/15 18:52	1
2-Fluorobiphenyl	67		48 - 120	05/22/15 11:55	05/26/15 18:52	1
2-Fluorophenol	40		20 - 120	05/22/15 11:55	05/26/15 18:52	1
Nitrobenzene-d5	74		46 - 120	05/22/15 11:55	05/26/15 18:52	1
p-Terphenyl-d14	87		67 - 150	05/22/15 11:55	05/26/15 18:52	1
Phenol-d5	28		16 - 120	05/22/15 11:55	05/26/15 18:52	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 11:35	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 11:35	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:35	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 11:35	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 11:35	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:35	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 11:35	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 21

Lab Sample ID: 480-80671-2

Date Collected: 05/19/15 09:15

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120	05/22/15 12:02	05/23/15 11:35	1
Tetrachloro-m-xylene	67		36 - 120	05/22/15 12:02	05/23/15 11:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4000	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1221	ND		4000	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1232	ND		4000	2400	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1242	28000		4000	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1248	ND		4000	970	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1254	34000	p	4000	1700	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1260	ND		4000	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	428	X	29 - 151	05/29/15 07:39	06/02/15 11:44	100
DCB Decachlorobiphenyl	177	p X	14 - 163	05/29/15 07:39	06/02/15 11:44	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	—	05/22/15 11:53	05/28/15 22:23	1
2,4-D	ND		0.0020	0.00040	mg/L	—	05/22/15 11:53	05/28/15 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	25	X	35 - 143	05/22/15 11:53	05/28/15 22:23	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0061	J	0.015	0.0056	mg/L	—	05/22/15 11:55	05/26/15 11:56	1
Barium	5.7		1.0	0.10	mg/L	—	05/22/15 11:55	05/26/15 11:56	1
Cadmium	0.52		0.0020	0.00050	mg/L	—	05/22/15 11:55	05/26/15 11:56	1
Chromium	ND		0.020	0.010	mg/L	—	05/22/15 11:55	05/26/15 11:56	1
Lead	4.1		0.020	0.0030	mg/L	—	05/22/15 11:55	05/26/15 11:56	1
Selenium	ND		0.025	0.0087	mg/L	—	05/22/15 11:55	05/26/15 11:56	1
Silver	ND		0.0060	0.0017	mg/L	—	05/22/15 11:55	05/26/15 11:56	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	—	05/22/15 12:00	05/22/15 14:33	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.8		0.24	0.098	mg/Kg	☼	06/01/15 14:00	06/01/15 16:50	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		05/31/15 13:51	1
pH	7.28	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 29

Lab Sample ID: 480-80671-3

Date Collected: 05/19/15 10:00

Matrix: Solid

Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:11	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:11	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:11	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:11	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:11	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:11	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:11	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:11	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:11	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		05/23/15 01:11	10
Toluene-d8 (Surr)	96		71 - 126		05/23/15 01:11	10
4-Bromofluorobenzene (Surr)	98		73 - 120		05/23/15 01:11	10
Dibromofluoromethane (Surr)	95		60 - 140		05/23/15 01:11	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 19:19	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 19:19	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 19:19	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 19:19	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 19:19	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 19:19	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 19:19	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 19:19	1
Nitrobenzene	ND *		0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 19:19	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 19:19	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 19:19	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 19:19	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		52 - 132	05/22/15 11:55	05/26/15 19:19	1
2-Fluorobiphenyl	75		48 - 120	05/22/15 11:55	05/26/15 19:19	1
2-Fluorophenol	42		20 - 120	05/22/15 11:55	05/26/15 19:19	1
Nitrobenzene-d5	86		46 - 120	05/22/15 11:55	05/26/15 19:19	1
p-Terphenyl-d14	96		67 - 150	05/22/15 11:55	05/26/15 19:19	1
Phenol-d5	30		16 - 120	05/22/15 11:55	05/26/15 19:19	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 11:53	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 11:53	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:53	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 11:53	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 11:53	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:53	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 11:53	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 29

Lab Sample ID: 480-80671-3

Date Collected: 05/19/15 10:00

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		20 - 120	05/22/15 12:02	05/23/15 11:53	1
Tetrachloro-m-xylene	65		36 - 120	05/22/15 12:02	05/23/15 11:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1242	27000		4300	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1254	21000		4300	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	406	X	29 - 151	05/29/15 07:39	06/02/15 12:01	100
DCB Decachlorobiphenyl	126	p	14 - 163	05/29/15 07:39	06/02/15 12:01	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	—	05/22/15 11:53	05/28/15 22:52	1
2,4-D	ND		0.0020	0.00040	mg/L	—	05/22/15 11:53	05/28/15 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	22	X	35 - 143	05/22/15 11:53	05/28/15 22:52	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0071	J	0.015	0.0056	mg/L	—	05/22/15 11:55	05/26/15 11:59	1
Barium	4.3		1.0	0.10	mg/L	—	05/22/15 11:55	05/26/15 11:59	1
Cadmium	0.53		0.0020	0.00050	mg/L	—	05/22/15 11:55	05/26/15 11:59	1
Chromium	ND		0.020	0.010	mg/L	—	05/22/15 11:55	05/26/15 11:59	1
Lead	6.6		0.020	0.0030	mg/L	—	05/22/15 11:55	05/26/15 11:59	1
Selenium	ND		0.025	0.0087	mg/L	—	05/22/15 11:55	05/26/15 11:59	1
Silver	ND		0.0060	0.0017	mg/L	—	05/22/15 11:55	05/26/15 11:59	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	—	05/22/15 12:00	05/22/15 14:35	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.83		0.026	0.011	mg/Kg	☼	06/01/15 14:00	06/01/15 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	20.0		10	0.57	mg/Kg	—	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		05/31/15 13:51	1
pH	7.27	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 19

Lab Sample ID: 480-80671-4

Date Collected: 05/19/15 11:30

Matrix: Solid

Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:34	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:34	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:34	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:34	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:34	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:34	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:34	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:34	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:34	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:34	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		05/23/15 01:34	10
Toluene-d8 (Surr)	98		71 - 126		05/23/15 01:34	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/23/15 01:34	10
Dibromofluoromethane (Surr)	93		60 - 140		05/23/15 01:34	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 19:45	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 19:45	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 19:45	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 19:45	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 19:45	1
3-Methylphenol	0.0045	J	0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 19:45	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 19:45	1
4-Methylphenol	0.0045	J	0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 19:45	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 19:45	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 19:45	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 19:45	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 19:45	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	77		52 - 132	05/22/15 11:55	05/26/15 19:45	1
2-Fluorobiphenyl	67		48 - 120	05/22/15 11:55	05/26/15 19:45	1
2-Fluorophenol	37		20 - 120	05/22/15 11:55	05/26/15 19:45	1
Nitrobenzene-d5	77		46 - 120	05/22/15 11:55	05/26/15 19:45	1
p-Terphenyl-d14	96		67 - 150	05/22/15 11:55	05/26/15 19:45	1
Phenol-d5	28		16 - 120	05/22/15 11:55	05/26/15 19:45	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 12:10	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 12:10	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 12:10	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 12:10	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 12:10	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 12:10	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 12:10	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 19

Lab Sample ID: 480-80671-4

Date Collected: 05/19/15 11:30

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120	05/22/15 12:02	05/23/15 12:10	1
Tetrachloro-m-xylene	63		36 - 120	05/22/15 12:02	05/23/15 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4800	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1221	ND		4800	2300	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1232	ND		4800	2900	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1242	38000		4800	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1248	ND		4800	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1254	38000		4800	2000	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1260	ND		4800	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	514	X	29 - 151	05/29/15 07:39	06/02/15 12:17	100
DCB Decachlorobiphenyl	113	p	14 - 163	05/29/15 07:39	06/02/15 12:17	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	—	05/22/15 11:53	05/28/15 23:22	1
2,4-D	ND		0.0020	0.00040	mg/L	—	05/22/15 11:53	05/28/15 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	15	X	35 - 143	05/22/15 11:53	05/28/15 23:22	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/22/15 11:55	05/26/15 12:02	1
Barium	6.4		1.0	0.10	mg/L	—	05/22/15 11:55	05/26/15 12:02	1
Cadmium	0.51		0.0020	0.00050	mg/L	—	05/22/15 11:55	05/26/15 12:02	1
Chromium	ND		0.020	0.010	mg/L	—	05/22/15 11:55	05/26/15 12:02	1
Lead	5.5		0.020	0.0030	mg/L	—	05/22/15 11:55	05/26/15 12:02	1
Selenium	ND		0.025	0.0087	mg/L	—	05/22/15 11:55	05/26/15 12:02	1
Silver	ND		0.0060	0.0017	mg/L	—	05/22/15 11:55	05/26/15 12:02	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	—	05/22/15 12:00	05/22/15 14:37	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.5		0.27	0.11	mg/Kg	☼	06/01/15 14:00	06/01/15 16:52	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		9.9	0.0030	mg/Kg	—	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		9.9	0.57	mg/Kg	—	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		05/31/15 13:51	1
pH	7.63	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 11

Lab Sample ID: 480-80671-5

Date Collected: 05/19/15 13:30

Matrix: Solid

Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:57	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:57	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:57	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:57	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:57	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:57	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:57	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:57	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:57	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:57	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		05/23/15 01:57	10
Toluene-d8 (Surr)	97		71 - 126		05/23/15 01:57	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/23/15 01:57	10
Dibromofluoromethane (Surr)	94		60 - 140		05/23/15 01:57	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 20:11	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 20:11	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 20:11	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 20:11	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 20:11	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 20:11	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 20:11	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 20:11	1
Nitrobenzene	ND *		0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 20:11	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 20:11	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 20:11	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 20:11	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		52 - 132	05/22/15 11:55	05/26/15 20:11	1
2-Fluorobiphenyl	76		48 - 120	05/22/15 11:55	05/26/15 20:11	1
2-Fluorophenol	45		20 - 120	05/22/15 11:55	05/26/15 20:11	1
Nitrobenzene-d5	92		46 - 120	05/22/15 11:55	05/26/15 20:11	1
p-Terphenyl-d14	95		67 - 150	05/22/15 11:55	05/26/15 20:11	1
Phenol-d5	31		16 - 120	05/22/15 11:55	05/26/15 20:11	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 12:28	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 12:28	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 12:28	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 12:28	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 12:28	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 12:28	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 12:28	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 11

Lab Sample ID: 480-80671-5

Date Collected: 05/19/15 13:30

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		20 - 120	05/22/15 12:02	05/23/15 12:28	1
Tetrachloro-m-xylene	68		36 - 120	05/22/15 12:02	05/23/15 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1242	19000	p	4300	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1254	22000	p	4300	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	181	X	29 - 151	05/29/15 07:39	06/02/15 12:33	100
DCB Decachlorobiphenyl	87	p	14 - 163	05/29/15 07:39	06/02/15 12:33	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	—	05/22/15 11:53	05/28/15 23:52	1
2,4-D	ND		0.0020	0.00040	mg/L	—	05/22/15 11:53	05/28/15 23:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	16	X	35 - 143	05/22/15 11:53	05/28/15 23:52	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/22/15 11:55	05/26/15 12:05	1
Barium	4.8		1.0	0.10	mg/L	—	05/22/15 11:55	05/26/15 12:05	1
Cadmium	0.59		0.0020	0.00050	mg/L	—	05/22/15 11:55	05/26/15 12:05	1
Chromium	ND		0.020	0.010	mg/L	—	05/22/15 11:55	05/26/15 12:05	1
Lead	3.1		0.020	0.0030	mg/L	—	05/22/15 11:55	05/26/15 12:05	1
Selenium	ND		0.025	0.0087	mg/L	—	05/22/15 11:55	05/26/15 12:05	1
Silver	ND		0.0060	0.0017	mg/L	—	05/22/15 11:55	05/26/15 12:05	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	—	05/22/15 12:00	05/22/15 14:38	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.5		0.25	0.10	mg/Kg	☼	06/01/15 14:00	06/01/15 16:54	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		05/31/15 13:51	1
pH	7.57	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6

Date Collected: 05/19/15 14:40

Matrix: Solid

Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 02:20	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 02:20	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 02:20	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 02:20	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 02:20	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 02:20	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 02:20	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 02:20	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 02:20	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 02:20	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		05/23/15 02:20	10
Toluene-d8 (Surr)	96		71 - 126		05/23/15 02:20	10
4-Bromofluorobenzene (Surr)	98		73 - 120		05/23/15 02:20	10
Dibromofluoromethane (Surr)	98		60 - 140		05/23/15 02:20	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 20:37	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 20:37	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 20:37	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 20:37	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 20:37	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 20:37	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 20:37	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 20:37	1
Nitrobenzene	ND *		0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 20:37	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 20:37	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 20:37	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 20:37	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		52 - 132	05/22/15 11:55	05/26/15 20:37	1
2-Fluorobiphenyl	76		48 - 120	05/22/15 11:55	05/26/15 20:37	1
2-Fluorophenol	43		20 - 120	05/22/15 11:55	05/26/15 20:37	1
Nitrobenzene-d5	88		46 - 120	05/22/15 11:55	05/26/15 20:37	1
p-Terphenyl-d14	98		67 - 150	05/22/15 11:55	05/26/15 20:37	1
Phenol-d5	30		16 - 120	05/22/15 11:55	05/26/15 20:37	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 13:20	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 13:20	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:20	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 13:20	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 13:20	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:20	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 13:20	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6

Date Collected: 05/19/15 14:40

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		20 - 120	05/22/15 12:02	05/23/15 13:20	1
Tetrachloro-m-xylene	67		36 - 120	05/22/15 12:02	05/23/15 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1221	ND		4400	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1232	ND		4400	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1242	26000		4400	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1248	ND		4400	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1254	21000		4400	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1260	ND		4400	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	209	X	29 - 151	05/29/15 07:39	06/02/15 12:50	100
DCB Decachlorobiphenyl	503	p X	14 - 163	05/29/15 07:39	06/02/15 12:50	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	—	05/22/15 11:53	05/29/15 00:21	1
2,4-D	ND		0.0020	0.00040	mg/L	—	05/22/15 11:53	05/29/15 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	23	X	35 - 143	05/22/15 11:53	05/29/15 00:21	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/22/15 11:55	05/26/15 12:08	1
Barium	5.2		1.0	0.10	mg/L	—	05/22/15 11:55	05/26/15 12:08	1
Cadmium	0.57		0.0020	0.00050	mg/L	—	05/22/15 11:55	05/26/15 12:08	1
Chromium	ND		0.020	0.010	mg/L	—	05/22/15 11:55	05/26/15 12:08	1
Lead	3.4		0.020	0.0030	mg/L	—	05/22/15 11:55	05/26/15 12:08	1
Selenium	ND		0.025	0.0087	mg/L	—	05/22/15 11:55	05/26/15 12:08	1
Silver	ND		0.0060	0.0017	mg/L	—	05/22/15 11:55	05/26/15 12:08	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	—	05/22/15 12:00	05/22/15 14:40	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.2		0.24	0.099	mg/Kg	☼	06/01/15 14:00	06/01/15 16:56	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		9.9	0.0030	mg/Kg	—	05/28/15 23:35	06/01/15 15:09	1
Sulfide, Reactive	ND		9.9	0.57	mg/Kg	—	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		06/01/15 14:43	1
pH	7.28	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7

Date Collected: 05/19/15 15:30

Matrix: Solid

Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 02:43	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 02:43	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 02:43	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 02:43	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 02:43	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 02:43	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 02:43	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 02:43	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 02:43	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 02:43	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		05/23/15 02:43	10
Toluene-d8 (Surr)	96		71 - 126		05/23/15 02:43	10
4-Bromofluorobenzene (Surr)	97		73 - 120		05/23/15 02:43	10
Dibromofluoromethane (Surr)	94		60 - 140		05/23/15 02:43	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 21:04	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 21:04	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 21:04	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 21:04	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 21:04	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 21:04	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 21:04	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 21:04	1
Nitrobenzene	ND *		0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 21:04	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 21:04	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 21:04	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 21:04	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		52 - 132	05/22/15 11:55	05/26/15 21:04	1
2-Fluorobiphenyl	71		48 - 120	05/22/15 11:55	05/26/15 21:04	1
2-Fluorophenol	42		20 - 120	05/22/15 11:55	05/26/15 21:04	1
Nitrobenzene-d5	83		46 - 120	05/22/15 11:55	05/26/15 21:04	1
p-Terphenyl-d14	92		67 - 150	05/22/15 11:55	05/26/15 21:04	1
Phenol-d5	30		16 - 120	05/22/15 11:55	05/26/15 21:04	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 13:38	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 13:38	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:38	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 13:38	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 13:38	1
Methoxychlor	0.00010	J	0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:38	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 13:38	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7

Date Collected: 05/19/15 15:30

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		20 - 120	05/22/15 12:02	05/23/15 13:38	1
Tetrachloro-m-xylene	62		36 - 120	05/22/15 12:02	05/23/15 13:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1221	ND		4500	2200	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1232	ND		4500	2700	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1242	27000		4500	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1248	ND		4500	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1254	51000		4500	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1260	ND		4500	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	259	X	29 - 151	05/29/15 07:39	06/02/15 13:06	100
DCB Decachlorobiphenyl	812	p X	14 - 163	05/29/15 07:39	06/02/15 13:06	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	-	05/22/15 11:53	05/29/15 00:51	1
2,4-D	ND		0.0020	0.00040	mg/L	-	05/22/15 11:53	05/29/15 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	19	X	35 - 143	05/22/15 11:53	05/29/15 00:51	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	-	05/22/15 11:55	05/26/15 12:11	1
Barium	3.7		1.0	0.10	mg/L	-	05/22/15 11:55	05/26/15 12:11	1
Cadmium	0.72		0.0020	0.00050	mg/L	-	05/22/15 11:55	05/26/15 12:11	1
Chromium	ND		0.020	0.010	mg/L	-	05/22/15 11:55	05/26/15 12:11	1
Lead	4.2		0.020	0.0030	mg/L	-	05/22/15 11:55	05/26/15 12:11	1
Selenium	ND		0.025	0.0087	mg/L	-	05/22/15 11:55	05/26/15 12:11	1
Silver	ND		0.0060	0.0017	mg/L	-	05/22/15 11:55	05/26/15 12:11	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	-	05/22/15 12:00	05/22/15 14:42	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.9		0.25	0.10	mg/Kg	☼	06/01/15 14:00	06/01/15 16:58	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	-	05/28/15 23:35	06/01/15 15:11	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	-	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	-		06/01/15 14:43	1
pH	7.05	HF	0.100	0.100	SU	-		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 01

Lab Sample ID: 480-80671-8

Date Collected: 05/19/15 16:30

Matrix: Solid

Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 03:06	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 03:06	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 03:06	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 03:06	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 03:06	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 03:06	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 03:06	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 03:06	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 03:06	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 03:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		05/23/15 03:06	10
Toluene-d8 (Surr)	96		71 - 126		05/23/15 03:06	10
4-Bromofluorobenzene (Surr)	97		73 - 120		05/23/15 03:06	10
Dibromofluoromethane (Surr)	95		60 - 140		05/23/15 03:06	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 21:30	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 21:30	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 21:30	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 21:30	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 21:30	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 21:30	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 21:30	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 21:30	1
Nitrobenzene	ND *		0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 21:30	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 21:30	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 21:30	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 21:30	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	61		52 - 132	05/22/15 11:55	05/26/15 21:30	1
2-Fluorobiphenyl	73		48 - 120	05/22/15 11:55	05/26/15 21:30	1
2-Fluorophenol	41		20 - 120	05/22/15 11:55	05/26/15 21:30	1
Nitrobenzene-d5	83		46 - 120	05/22/15 11:55	05/26/15 21:30	1
p-Terphenyl-d14	92		67 - 150	05/22/15 11:55	05/26/15 21:30	1
Phenol-d5	30		16 - 120	05/22/15 11:55	05/26/15 21:30	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 13:55	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 13:55	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:55	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 13:55	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 13:55	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:55	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 13:55	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 01

Lab Sample ID: 480-80671-8

Date Collected: 05/19/15 16:30

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		20 - 120	05/22/15 12:02	05/23/15 13:55	1
Tetrachloro-m-xylene	62		36 - 120	05/22/15 12:02	05/23/15 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		710	260	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1221	ND		710	340	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1232	ND		710	430	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1242	4300		710	240	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1248	ND		710	170	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1254	7700		710	300	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1260	ND		710	190	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	118		29 - 151	05/29/15 07:39	06/02/15 13:22	20
DCB Decachlorobiphenyl	290	X	14 - 163	05/29/15 07:39	06/02/15 13:22	20

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	-	05/22/15 11:53	05/29/15 01:21	1
2,4-D	ND		0.0020	0.00040	mg/L	-	05/22/15 11:53	05/29/15 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	14	X	35 - 143	05/22/15 11:53	05/29/15 01:21	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	-	05/22/15 11:55	05/26/15 12:14	1
Barium	0.72	J F1	1.0	0.10	mg/L	-	05/22/15 11:55	05/26/15 12:14	1
Cadmium	0.064		0.0020	0.00050	mg/L	-	05/22/15 11:55	05/26/15 12:14	1
Chromium	ND		0.020	0.010	mg/L	-	05/22/15 11:55	05/26/15 12:14	1
Lead	0.53	F1	0.020	0.0030	mg/L	-	05/22/15 11:55	05/26/15 12:14	1
Selenium	ND		0.025	0.0087	mg/L	-	05/22/15 11:55	05/26/15 12:14	1
Silver	ND		0.0060	0.0017	mg/L	-	05/22/15 11:55	05/26/15 12:14	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	-	05/22/15 12:00	05/22/15 14:47	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.84		0.022	0.0087	mg/Kg	☼	06/01/15 14:00	06/01/15 16:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	-	05/28/15 23:35	06/01/15 15:15	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	-	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	-		06/01/15 14:43	1
pH	7.38	HF	0.100	0.100	SU	-		05/21/15 16:30	1

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8260C - TCLP Volatiles

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 480-244230/4	Lab Control Sample	97	101	101	97
MB 480-244230/6	Method Blank	102	95	97	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

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)
480-80671-1	West Monroe NY-Fortino Sample # 19	101	97	102	93
480-80671-1 MS	West Monroe NY-Fortino Sample # 20	99	101	98	99
480-80671-1 MSD	West Monroe NY-Fortino Sample # 20	97	98	98	99
480-80671-2	West Monroe NY-Fortino Sample # 21	100	95	98	97
480-80671-3	West Monroe NY-Fortino Sample # 29	100	96	98	95
480-80671-4	West Monroe NY-Fortino Sample # 19	103	98	99	93
480-80671-5	West Monroe NY-Fortino Sample # 11	100	97	99	94
480-80671-6	West Monroe NY-Fortino Sample # 12	104	96	98	98
480-80671-7	West Monroe NY-Fortino Sample # 10	103	96	97	94
480-80671-8	West Monroe NY-Fortino Sample # 01	102	96	97	95
LB 480-243880/1-A	Method Blank	102	97	101	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8270D - TCLP Semivolatiles

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 480-244143/2-A	Lab Control Sample	88	67	46	94	98	34
LCSD 480-244143/3-A	Lab Control Sample Dup	89	80	51	71	96	37
MB 480-244143/1-A	Method Blank	44 X	72	43	65	92	31

Surrogate Legend

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

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

Method: 8270D - TCLP Semivolatiles

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)
480-80671-1	West Monroe NY-Fortino Sample # 21	71	59	31	58	78	23
480-80671-2	West Monroe NY-Fortino Sample # 29	75	67	40	74	87	28
480-80671-3	West Monroe NY-Fortino Sample # 19	78	75	42	86	96	30
480-80671-4	West Monroe NY-Fortino Sample # 11	77	67	37	77	96	28
480-80671-5	West Monroe NY-Fortino Sample # 12	82	76	45	92	95	31
480-80671-6	West Monroe NY-Fortino Sample # 10	80	76	43	88	98	30
480-80671-7	West Monroe NY-Fortino Sample # 01	71	71	42	83	92	30
480-80671-8	West Monroe NY-Fortino Sample # 01	61	73	41	83	92	30
LB 480-243878/1-D	Method Blank	79	65	38	73	95	22

Surrogate Legend

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

Method: 8081B - TCLP Pesticides

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (20-120)	TCX2 (36-120)
LCS 480-244150/2-A	Lab Control Sample	49	74
LCSD 480-244150/3-A	Lab Control Sample Dup	39	78
MB 480-244150/1-A	Method Blank	43	77

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8081B - TCLP Pesticides

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (20-120)	TCX2 (36-120)
480-80671-1	West Monroe NY-Fortino Sample # 21	58	70
480-80671-2	West Monroe NY-Fortino Sample # 29	64	67
480-80671-3	West Monroe NY-Fortino Sample # 19	59	65
480-80671-4	West Monroe NY-Fortino Sample # 11	64	63
480-80671-5	West Monroe NY-Fortino Sample # 12	55	68
480-80671-6	West Monroe NY-Fortino Sample # 10	68	67
480-80671-7	West Monroe NY-Fortino Sample # 01	66	62
480-80671-8	West Monroe NY-Fortino Sample # 01	81	62
LB 480-243878/1-F	Method Blank	78	79
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (29-151)	DCB1 (14-163)
480-80671-1	West Monroe NY-Fortino Sample # 21	399 X	291 p X
480-80671-2	West Monroe NY-Fortino Sample # 29	428 X	177 p X
480-80671-3	West Monroe NY-Fortino Sample # 19	406 X	126 p
480-80671-4	West Monroe NY-Fortino Sample # 11	514 X	113 p
480-80671-5	West Monroe NY-Fortino Sample # 12	181 X	87 p
480-80671-6	West Monroe NY-Fortino Sample # 10	209 X	503 p X
480-80671-7	West Monroe NY-Fortino Sample # 01	259 X	812 p X
480-80671-8	West Monroe NY-Fortino Sample # 01	118	290 X
LCS 240-182832/24-A	Lab Control Sample	75	108
MB 240-182832/23-A	Method Blank	60	96
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8151 - TCLP Herbicides

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPA1 (35-143)
LCS 480-244140/2-A	Lab Control Sample	99
LCSD 480-244140/3-A	Lab Control Sample Dup	101
MB 480-244140/1-A	Method Blank	100

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151 - TCLP Herbicides

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPA1 (35-143)
480-80671-1	West Monroe NY-Fortino Sample # 21	25 X
480-80671-2	West Monroe NY-Fortino Sample # 29	25 X
480-80671-3	West Monroe NY-Fortino Sample # 19	22 X
480-80671-4	West Monroe NY-Fortino Sample # 11	15 X
480-80671-5	West Monroe NY-Fortino Sample # 12	16 X
480-80671-6	West Monroe NY-Fortino Sample # 10	23 X
480-80671-7	West Monroe NY-Fortino Sample # 01	19 X
480-80671-8	Method Blank	14 X
LB 480-243878/1-C		31 X

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-244230/6

Matrix: Solid

Analysis Batch: 244230

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/22/15 22:29	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/22/15 22:29	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/22/15 22:29	1
Chloroform	ND		0.0010	0.00034	mg/L			05/22/15 22:29	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/22/15 22:29	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/22/15 22:29	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/22/15 22:29	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/22/15 22:29	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/22/15 22:29	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/22/15 22:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		05/22/15 22:29	1
Toluene-d8 (Surr)	95		71 - 126		05/22/15 22:29	1
4-Bromofluorobenzene (Surr)	97		73 - 120		05/22/15 22:29	1
Dibromofluoromethane (Surr)	95		60 - 140		05/22/15 22:29	1

Lab Sample ID: LCS 480-244230/4

Matrix: Solid

Analysis Batch: 244230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0243		mg/L		97	71 - 124
Chlorobenzene	0.0250	0.0251		mg/L		100	72 - 120
1,2-Dichloroethane	0.0250	0.0228		mg/L		91	75 - 127
1,1-Dichloroethene	0.0250	0.0235		mg/L		94	58 - 121
Tetrachloroethene	0.0250	0.0263		mg/L		105	74 - 122
Trichloroethene	0.0250	0.0243		mg/L		97	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	97		60 - 140

Lab Sample ID: LB 480-243880/1-A

Matrix: Solid

Analysis Batch: 244230

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 00:03	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 00:03	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 00:03	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 00:03	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 00:03	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 00:03	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 00:03	10

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-243880/1-A

Matrix: Solid

Analysis Batch: 244230

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 00:03	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 00:03	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 00:03	10

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		05/23/15 00:03	10
Toluene-d8 (Surr)	97		71 - 126		05/23/15 00:03	10
4-Bromofluorobenzene (Surr)	101		73 - 120		05/23/15 00:03	10
Dibromofluoromethane (Surr)	98		60 - 140		05/23/15 00:03	10

Lab Sample ID: 480-80671-1 MS

Matrix: Solid

Analysis Batch: 244230

Client Sample ID: West Monroe NY-Fortino Sample # 20

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.250	0.264		mg/L		106	71 - 124
Chlorobenzene	ND		0.250	0.254		mg/L		102	72 - 120
1,2-Dichloroethane	ND		0.250	0.233		mg/L		93	75 - 127
1,1-Dichloroethene	ND		0.250	0.251		mg/L		100	58 - 121
Tetrachloroethene	ND		0.250	0.269		mg/L		108	74 - 122
Trichloroethene	ND		0.250	0.253		mg/L		101	74 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	99		60 - 140

Lab Sample ID: 480-80671-1 MSD

Matrix: Solid

Analysis Batch: 244230

Client Sample ID: West Monroe NY-Fortino Sample # 20

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.250	0.256		mg/L		103	71 - 124	3	13
Chlorobenzene	ND		0.250	0.245		mg/L		98	72 - 120	3	25
1,2-Dichloroethane	ND		0.250	0.227		mg/L		91	75 - 127	3	20
1,1-Dichloroethene	ND		0.250	0.237		mg/L		95	58 - 121	6	16
Tetrachloroethene	ND		0.250	0.254		mg/L		102	74 - 122	6	20
Trichloroethene	ND		0.250	0.245		mg/L		98	74 - 123	3	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	99		60 - 140

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8270D - TCLP Semivolatiles

Lab Sample ID: MB 480-244143/1-A

Matrix: Solid

Analysis Batch: 244375

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244143

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		05/22/15 11:55	05/26/15 16:15	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		05/22/15 11:55	05/26/15 16:15	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		05/22/15 11:55	05/26/15 16:15	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		05/22/15 11:55	05/26/15 16:15	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		05/22/15 11:55	05/26/15 16:15	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		05/22/15 11:55	05/26/15 16:15	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		05/22/15 11:55	05/26/15 16:15	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		05/22/15 11:55	05/26/15 16:15	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		05/22/15 11:55	05/26/15 16:15	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		05/22/15 11:55	05/26/15 16:15	1
Pyridine	ND		0.0063	0.00010	mg/L		05/22/15 11:55	05/26/15 16:15	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		05/22/15 11:55	05/26/15 16:15	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		05/22/15 11:55	05/26/15 16:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	44	X	52 - 132	05/22/15 11:55	05/26/15 16:15	1
2-Fluorobiphenyl	72		48 - 120	05/22/15 11:55	05/26/15 16:15	1
2-Fluorophenol	43		20 - 120	05/22/15 11:55	05/26/15 16:15	1
Nitrobenzene-d5	65		46 - 120	05/22/15 11:55	05/26/15 16:15	1
p-Terphenyl-d14	92		67 - 150	05/22/15 11:55	05/26/15 16:15	1
Phenol-d5	31		16 - 120	05/22/15 11:55	05/26/15 16:15	1

Lab Sample ID: LCS 480-244143/2-A

Matrix: Solid

Analysis Batch: 244375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244143

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0500	0.0393		mg/L		79	32 - 120
2,4-Dinitrotoluene	0.0500	0.0542		mg/L		108	65 - 154
Hexachloroethane	0.0500	0.0402		mg/L		80	14 - 130
Pentachlorophenol	0.100	0.0731		mg/L		73	39 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	88		52 - 132
2-Fluorobiphenyl	67		48 - 120
2-Fluorophenol	46		20 - 120
Nitrobenzene-d5	94		46 - 120
p-Terphenyl-d14	98		67 - 150
Phenol-d5	34		16 - 120

Lab Sample ID: LCSD 480-244143/3-A

Matrix: Solid

Analysis Batch: 244375

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 244143

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.0500	0.0401		mg/L		80	32 - 120	2	36
2,4-Dinitrotoluene	0.0500	0.0539		mg/L		108	65 - 154	0	20

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LCSD 480-244143/3-A

Matrix: Solid

Analysis Batch: 244375

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 244143

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloroethane	0.0500	0.0324		mg/L		65	14 - 130	21	46
Pentachlorophenol	0.100	0.0735		mg/L		74	39 - 136	1	37

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	89		52 - 132
2-Fluorobiphenyl	80		48 - 120
2-Fluorophenol	51		20 - 120
Nitrobenzene-d5	71		46 - 120
p-Terphenyl-d14	96		67 - 150
Phenol-d5	37		16 - 120

Lab Sample ID: LB 480-243878/1-D

Matrix: Solid

Analysis Batch: 244375

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244143

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 17:34	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 17:34	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 17:34	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 17:34	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 17:34	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 17:34	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 17:34	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 17:34	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 17:34	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 17:34	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 17:34	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 17:34	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 17:34	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		52 - 132	05/22/15 11:55	05/26/15 17:34	1
2-Fluorobiphenyl	65		48 - 120	05/22/15 11:55	05/26/15 17:34	1
2-Fluorophenol	38		20 - 120	05/22/15 11:55	05/26/15 17:34	1
Nitrobenzene-d5	73		46 - 120	05/22/15 11:55	05/26/15 17:34	1
p-Terphenyl-d14	95		67 - 150	05/22/15 11:55	05/26/15 17:34	1
Phenol-d5	22		16 - 120	05/22/15 11:55	05/26/15 17:34	1

Method: 8081B - TCLP Pesticides

Lab Sample ID: MB 480-244150/1-A

Matrix: Solid

Analysis Batch: 244261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		05/22/15 12:02	05/23/15 10:08	1
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		05/22/15 12:02	05/23/15 10:08	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8081B - TCLP Pesticides (Continued)

Lab Sample ID: MB 480-244150/1-A

Matrix: Solid

Analysis Batch: 244261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		0.000050	0.0000035	mg/L		05/22/15 12:02	05/23/15 10:08	1
Heptachlor	ND		0.000050	0.0000021	mg/L		05/22/15 12:02	05/23/15 10:08	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		05/22/15 12:02	05/23/15 10:08	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		05/22/15 12:02	05/23/15 10:08	1
Toxaphene	ND		0.000050	0.0000030	mg/L		05/22/15 12:02	05/23/15 10:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		20 - 120	05/22/15 12:02	05/23/15 10:08	1
Tetrachloro-m-xylene	77		36 - 120	05/22/15 12:02	05/23/15 10:08	1

Lab Sample ID: LCS 480-244150/2-A

Matrix: Solid

Analysis Batch: 244261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000405		mg/L		81	56 - 127
Endrin	0.000500	0.000442		mg/L		88	52 - 143
Heptachlor	0.000500	0.000418		mg/L		84	51 - 125
Heptachlor epoxide	0.000500	0.000430		mg/L		86	50 - 140
Methoxychlor	0.000500	0.000412		mg/L		82	50 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	49		20 - 120
Tetrachloro-m-xylene	74		36 - 120

Lab Sample ID: LCSD 480-244150/3-A

Matrix: Solid

Analysis Batch: 244261

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 244150

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
gamma-BHC (Lindane)	0.000500	0.000412		mg/L		82	56 - 127	1	24
Endrin	0.000500	0.000451		mg/L		90	52 - 143	2	24
Heptachlor	0.000500	0.000426		mg/L		85	51 - 125	2	25
Heptachlor epoxide	0.000500	0.000438		mg/L		88	50 - 140	2	23
Methoxychlor	0.000500	0.000419		mg/L		84	50 - 151	2	26

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	39		20 - 120
Tetrachloro-m-xylene	78		36 - 120

Lab Sample ID: LB 480-243878/1-F

Matrix: Solid

Analysis Batch: 244261

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244150

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	0.0000744	J	0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 11:00	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 11:00	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8081B - TCLP Pesticides (Continued)

Lab Sample ID: LB 480-243878/1-F

Matrix: Solid

Analysis Batch: 244261

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244150

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:00	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 11:00	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 11:00	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:00	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 11:00	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		20 - 120	05/22/15 12:02	05/23/15 11:00	1
Tetrachloro-m-xylene	79		36 - 120	05/22/15 12:02	05/23/15 11:00	1

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

Lab Sample ID: MB 240-182832/23-A

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 182832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		29 - 151	05/29/15 07:39	06/02/15 17:27	1
DCB Decachlorobiphenyl	96		14 - 163	05/29/15 07:39	06/02/15 17:27	1

Lab Sample ID: LCS 240-182832/24-A

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 182832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor-1016	333	272		ug/Kg		82	62 - 120
Aroclor-1260	333	330		ug/Kg		99	56 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	75		29 - 151
DCB Decachlorobiphenyl	108		14 - 163

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-244140/1-A

Matrix: Solid

Analysis Batch: 244726

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244140

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		05/22/15 11:53	05/27/15 18:01	1
2,4-D	ND		0.00050	0.00010	mg/L		05/22/15 11:53	05/27/15 18:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	100		35 - 143				05/22/15 11:53	05/27/15 18:01	1

Lab Sample ID: LCS 480-244140/2-A

Matrix: Solid

Analysis Batch: 244726

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244140

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Silvex (2,4,5-TP)		0.00200	0.00177		mg/L		89	49 - 167	
2,4-D		0.00200	0.00189		mg/L		94	36 - 179	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
2,4-Dichlorophenylacetic acid	99		35 - 143						

Lab Sample ID: LCSD 480-244140/3-A

Matrix: Solid

Analysis Batch: 244726

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 244140

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Silvex (2,4,5-TP)		0.00200	0.00183		mg/L		91	49 - 167	3	50
2,4-D		0.00200	0.00190		mg/L		95	36 - 179	1	50
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
2,4-Dichlorophenylacetic acid	101		35 - 143							

Lab Sample ID: LB 480-243878/1-C

Matrix: Solid

Analysis Batch: 244726

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244140

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/27/15 19:30	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/27/15 19:30	1
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	31	X	35 - 143				05/22/15 11:53	05/27/15 19:30	1

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244124/2-A

Matrix: Solid

Analysis Batch: 244610

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 11:40	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: MB 480-244124/2-A

Matrix: Solid

Analysis Batch: 244610

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 11:40	1
Cadmium	ND		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 11:40	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 11:40	1
Lead	ND		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 11:40	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 11:40	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 11:40	1

Lab Sample ID: LCS 480-244124/3-A

Matrix: Solid

Analysis Batch: 244610

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.05		mg/L		105	80 - 120
Barium	1.00	0.924	J	mg/L		92	80 - 120
Cadmium	1.00	1.02		mg/L		102	80 - 120
Chromium	1.00	0.977		mg/L		98	80 - 120
Lead	1.00	1.01		mg/L		101	80 - 120
Selenium	1.00	1.11		mg/L		111	80 - 120
Silver	1.00	1.06		mg/L		106	80 - 120

Lab Sample ID: LB 480-243878/1-B

Matrix: Solid

Analysis Batch: 244610

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244124

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 11:37	1
Barium	ND		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 11:37	1
Cadmium	ND		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 11:37	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 11:37	1
Lead	ND		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 11:37	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 11:37	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 11:37	1

Lab Sample ID: 480-80671-8 MS

Matrix: Solid

Analysis Batch: 244610

Client Sample ID: West Monroe NY-Fortino Sample # 01

Prep Type: TCLP

Prep Batch: 244124

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	0.838		mg/L		84	75 - 125
Barium	0.72	J F1	1.00	2.39	F1	mg/L		167	75 - 125
Cadmium	0.064		1.00	0.968		mg/L		90	75 - 125
Chromium	ND		1.00	0.764		mg/L		76	75 - 125
Lead	0.53	F1	1.00	1.99	F1	mg/L		146	75 - 125
Selenium	ND		1.00	0.876		mg/L		88	75 - 125
Silver	ND		1.00	0.855		mg/L		86	75 - 125

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: 480-80671-8 MSD

Matrix: Solid

Analysis Batch: 244610

Client Sample ID: West Monroe NY-Fortino Sample # 01

Prep Type: TCLP

Prep Batch: 244124

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	0.930		mg/L		93	75 - 125	10	20
Barium	0.72	J F1	1.00	2.64	F1	mg/L		192	75 - 125	10	20
Cadmium	0.064		1.00	1.07		mg/L		101	75 - 125	10	20
Chromium	ND		1.00	0.840		mg/L		84	75 - 125	9	20
Lead	0.53	F1	1.00	2.20	F1	mg/L		167	75 - 125	10	20
Selenium	ND		1.00	0.967		mg/L		97	75 - 125	10	20
Silver	ND		1.00	0.952		mg/L		95	75 - 125	11	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244147/2-A

Matrix: Solid

Analysis Batch: 244200

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:29	1

Lab Sample ID: LCS 480-244147/3-A

Matrix: Solid

Analysis Batch: 244200

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00612		mg/L		92	80 - 120

Lab Sample ID: LB 480-243878/1-E

Matrix: Solid

Analysis Batch: 244200

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244147

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:27	1

Lab Sample ID: 480-80671-8 MS

Matrix: Solid

Analysis Batch: 244200

Client Sample ID: West Monroe NY-Fortino Sample # 01

Prep Type: TCLP

Prep Batch: 244147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00572		mg/L		86	80 - 120

Lab Sample ID: 480-80671-8 MSD

Matrix: Solid

Analysis Batch: 244200

Client Sample ID: West Monroe NY-Fortino Sample # 01

Prep Type: TCLP

Prep Batch: 244147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00595		mg/L		89	80 - 120	4	20

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 7471B - Mercury

Lab Sample ID: MB 480-245442/1-A

Matrix: Solid

Analysis Batch: 245602

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 245442

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0079	mg/Kg		06/01/15 14:00	06/01/15 15:20	1

Lab Sample ID: LCSSRM 480-245442/2-A

Matrix: Solid

Analysis Batch: 245602

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 245442

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.98	3.25		mg/Kg		81.7	51.0 - 149. 0

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

Lab Sample ID: LCS 480-245349/1

Matrix: Solid

Analysis Batch: 245349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	82.00		Degrees F		101	97.5 - 102. 5

Lab Sample ID: LCS 480-245517/1

Matrix: Solid

Analysis Batch: 245517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102. 5

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-244860/1-A

Matrix: Solid

Analysis Batch: 245031

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1

Lab Sample ID: LCS 480-244860/2-A

Matrix: Solid

Analysis Batch: 245031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	480.0		mg/Kg		48	10 - 100

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 9012 - Cyanide, Reactive (Continued)

Lab Sample ID: MB 480-245124/1-A

Matrix: Solid

Analysis Batch: 245541

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 245124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:03	1

Lab Sample ID: LCS 480-245124/2-A

Matrix: Solid

Analysis Batch: 245541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 245124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	423.8		mg/Kg		42	10 - 100

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-244863/1-A

Matrix: Solid

Analysis Batch: 245006

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Lab Sample ID: LCS 480-244863/2-A

Matrix: Solid

Analysis Batch: 245006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	541.0		mg/Kg		54	10 - 100

Lab Sample ID: MB 480-245126/1-A

Matrix: Solid

Analysis Batch: 245641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 245126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Lab Sample ID: LCS 480-245126/2-A

Matrix: Solid

Analysis Batch: 245641

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 245126

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	681.3		mg/Kg		68	10 - 100

Method: 9045D - pH

Lab Sample ID: LCS 480-244042/1

Matrix: Solid

Analysis Batch: 244042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.980		SU		100	99 - 101

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 9045D - pH (Continued)

Lab Sample ID: 480-80671-1 DU

Matrix: Solid

Analysis Batch: 244042

Client Sample ID: West Monroe NY-Fortino Sample # 20

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.55	HF	7.520		SU	—	0.4	5

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

GC/MS VOA

Leach Batch: 243880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-1 MS	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-1 MSD	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	1311	
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	1311	
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	1311	
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	1311	
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	1311	
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	1311	
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
LB 480-243880/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 244230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8260C	243880
480-80671-1 MS	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8260C	243880
480-80671-1 MSD	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8260C	243880
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8260C	243880
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8260C	243880
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8260C	243880
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8260C	243880
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8260C	243880
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8260C	243880
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8260C	243880
LB 480-243880/1-A	Method Blank	TCLP	Solid	8260C	243880
LCS 480-244230/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244230/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 243878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	1311	
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	1311	
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	1311	
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	1311	
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	1311	
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	1311	
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
LB 480-243878/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 244143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	3510C	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	3510C	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	3510C	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	3510C	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	3510C	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	3510C	243878

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

GC/MS Semi VOA (Continued)

Prep Batch: 244143 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	3510C	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3510C	243878
LB 480-243878/1-D	Method Blank	TCLP	Solid	3510C	243878
LCS 480-244143/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-244143/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-244143/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8270D	244143
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8270D	244143
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8270D	244143
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8270D	244143
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8270D	244143
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8270D	244143
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8270D	244143
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8270D	244143
LB 480-243878/1-D	Method Blank	TCLP	Solid	8270D	244143
LCS 480-244143/2-A	Lab Control Sample	Total/NA	Solid	8270D	244143
LCSD 480-244143/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	244143
MB 480-244143/1-A	Method Blank	Total/NA	Solid	8270D	244143

GC Semi VOA

Prep Batch: 182832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	3540C	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	3540C	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	3540C	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	3540C	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	3540C	
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	3540C	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	3540C	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	3540C	
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182832/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 183251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	8082A	182832
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	8082A	182832
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	8082A	182832
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	8082A	182832
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	8082A	182832
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	8082A	182832
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	8082A	182832
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	8082A	182832
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	8082A	182832
MB 240-182832/23-A	Method Blank	Total/NA	Solid	8082A	182832

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

GC Semi VOA (Continued)

Leach Batch: 243878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	1311	
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	1311	
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	1311	
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	1311	
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	1311	
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	1311	
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
LB 480-243878/1-C	Method Blank	TCLP	Solid	1311	
LB 480-243878/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 244140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8151A	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8151A	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8151A	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8151A	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8151A	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8151A	243878
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8151A	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8151A	243878
LB 480-243878/1-C	Method Blank	TCLP	Solid	8151A	243878
LCS 480-244140/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 480-244140/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
MB 480-244140/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 244150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	3510C	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	3510C	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	3510C	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	3510C	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	3510C	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	3510C	243878
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	3510C	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3510C	243878
LB 480-243878/1-F	Method Blank	TCLP	Solid	3510C	243878
LCS 480-244150/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-244150/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-244150/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8081B	244150
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8081B	244150
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8081B	244150
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8081B	244150
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8081B	244150
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8081B	244150
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8081B	244150
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8081B	244150

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

GC Semi VOA (Continued)

Analysis Batch: 244261 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-243878/1-F	Method Blank	TCLP	Solid	8081B	244150
LCS 480-244150/2-A	Lab Control Sample	Total/NA	Solid	8081B	244150
LCSD 480-244150/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	244150
MB 480-244150/1-A	Method Blank	Total/NA	Solid	8081B	244150

Analysis Batch: 244726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-243878/1-C	Method Blank	TCLP	Solid	8151	244140
LCS 480-244140/2-A	Lab Control Sample	Total/NA	Solid	8151	244140
LCSD 480-244140/3-A	Lab Control Sample Dup	Total/NA	Solid	8151	244140
MB 480-244140/1-A	Method Blank	Total/NA	Solid	8151	244140

Analysis Batch: 245111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8151	244140
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8151	244140
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8151	244140
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8151	244140
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8151	244140
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8151	244140
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8151	244140
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8151	244140

Metals

Leach Batch: 243878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	1311	
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	1311	
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	1311	
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	1311	
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	1311	
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	1311	
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
LB 480-243878/1-B	Method Blank	TCLP	Solid	1311	
LB 480-243878/1-E	Method Blank	TCLP	Solid	1311	

Prep Batch: 244124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	3010A	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	3010A	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	3010A	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	3010A	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	3010A	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	3010A	243878
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	3010A	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3010A	243878

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Metals (Continued)

Prep Batch: 244124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3010A	243878
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3010A	243878
LB 480-243878/1-B	Method Blank	TCLP	Solid	3010A	243878
LCS 480-244124/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244124/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 244147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	7470A	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	7470A	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	7470A	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	7470A	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	7470A	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	7470A	243878
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	7470A	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	243878
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	243878
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	243878
LB 480-243878/1-E	Method Blank	TCLP	Solid	7470A	243878
LCS 480-244147/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244147/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	7470A	244147
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	7470A	244147
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	7470A	244147
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	7470A	244147
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	7470A	244147
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	7470A	244147
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	7470A	244147
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	244147
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	244147
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	244147
LB 480-243878/1-E	Method Blank	TCLP	Solid	7470A	244147
LCS 480-244147/3-A	Lab Control Sample	Total/NA	Solid	7470A	244147
MB 480-244147/2-A	Method Blank	Total/NA	Solid	7470A	244147

Analysis Batch: 244610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	6010C	244124
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	6010C	244124
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	6010C	244124
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	6010C	244124
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	6010C	244124
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	6010C	244124
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	6010C	244124
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	6010C	244124
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	6010C	244124
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	6010C	244124
LB 480-243878/1-B	Method Blank	TCLP	Solid	6010C	244124

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Metals (Continued)

Analysis Batch: 244610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-244124/3-A	Lab Control Sample	Total/NA	Solid	6010C	244124
MB 480-244124/2-A	Method Blank	Total/NA	Solid	6010C	244124

Prep Batch: 245442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	7471B	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	7471B	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	7471B	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	7471B	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	7471B	
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	7471B	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	7471B	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	7471B	
LCSSRM 480-245442/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 480-245442/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 245602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	7471B	245442
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	7471B	245442
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	7471B	245442
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	7471B	245442
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	7471B	245442
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	7471B	245442
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	7471B	245442
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	7471B	245442
LCSSRM 480-245442/2-A	Lab Control Sample	Total/NA	Solid	7471B	245442
MB 480-245442/1-A	Method Blank	Total/NA	Solid	7471B	245442

General Chemistry

Analysis Batch: 243741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	Moisture	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	Moisture	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	Moisture	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	Moisture	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	Moisture	
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	Moisture	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	Moisture	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	Moisture	

Analysis Batch: 244042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	9045D	
480-80671-1 DU	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	9045D	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	9045D	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	9045D	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	9045D	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	9045D	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

General Chemistry (Continued)

Analysis Batch: 244042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	9045D	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	9045D	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	9045D	
LCS 480-244042/1	Lab Control Sample	Total/NA	Solid	9045D	

Prep Batch: 244860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	7.3.3	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	7.3.3	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	7.3.3	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	7.3.3	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	7.3.3	
LCS 480-244860/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-244860/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 244863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	7.3.4	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	7.3.4	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	7.3.4	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	7.3.4	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	7.3.4	
LCS 480-244863/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-244863/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 245006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	9034	244863
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	9034	244863
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	9034	244863
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	9034	244863
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	9034	244863
LCS 480-244863/2-A	Lab Control Sample	Total/NA	Solid	9034	244863
MB 480-244863/1-A	Method Blank	Total/NA	Solid	9034	244863

Analysis Batch: 245031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	9012	244860
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	9012	244860
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	9012	244860
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	9012	244860
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	9012	244860
LCS 480-244860/2-A	Lab Control Sample	Total/NA	Solid	9012	244860
MB 480-244860/1-A	Method Blank	Total/NA	Solid	9012	244860

Prep Batch: 245124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	7.3.3	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	7.3.3	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	7.3.3	
LCS 480-245124/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

General Chemistry (Continued)

Prep Batch: 245124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-245124/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 245126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	7.3.4	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	7.3.4	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	7.3.4	
LCS 480-245126/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-245126/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 245349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	1010A	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	1010A	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	1010A	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	1010A	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	1010A	
LCS 480-245349/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 245517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	1010A	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	1010A	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	1010A	
LCS 480-245517/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 245541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	9012	245124
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	9012	245124
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	9012	245124
LCS 480-245124/2-A	Lab Control Sample	Total/NA	Solid	9012	245124
MB 480-245124/1-A	Method Blank	Total/NA	Solid	9012	245124

Analysis Batch: 245641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	9034	245126
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	9034	245126
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	9034	245126
LCS 480-245126/2-A	Lab Control Sample	Total/NA	Solid	9034	245126
MB 480-245126/1-A	Method Blank	Total/NA	Solid	9034	245126

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 20

Lab Sample ID: 480-80671-1

Date Collected: 05/19/15 08:20

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 00:26	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 18:26	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 11:18	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 11:28	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 21:53	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 11:54	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:32	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:49	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 21

Lab Sample ID: 480-80671-2

Date Collected: 05/19/15 09:15

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 00:48	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 18:52	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 11:35	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 11:44	HMB	TAL CAN

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 21

Lab Sample ID: 480-80671-2

Date Collected: 05/19/15 09:15

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 22:23	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 11:56	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:33	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:50	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 29

Lab Sample ID: 480-80671-3

Date Collected: 05/19/15 10:00

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 01:11	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 19:19	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 11:53	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 12:01	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 22:52	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 11:59	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:35	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 29

Lab Sample ID: 480-80671-3

Date Collected: 05/19/15 10:00

Matrix: Solid

Date Received: 05/20/15 02:30

Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		1	245602	06/01/15 15:51	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 19

Lab Sample ID: 480-80671-4

Date Collected: 05/19/15 11:30

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 01:34	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 19:45	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 12:10	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 12:17	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 23:22	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:02	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:37	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:52	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 11

Lab Sample ID: 480-80671-5

Date Collected: 05/19/15 13:30

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 01:57	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 20:11	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 12:28	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 12:33	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 23:52	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:05	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:38	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:54	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6

Date Collected: 05/19/15 14:40

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 02:20	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 20:37	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 13:20	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 12:50	HMB	TAL CAN

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6

Date Collected: 05/19/15 14:40

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/29/15 00:21	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:08	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:40	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:56	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:09	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7

Date Collected: 05/19/15 15:30

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 02:43	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 21:04	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 13:38	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 13:06	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/29/15 00:51	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:11	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:42	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7

Date Collected: 05/19/15 15:30

Matrix: Solid

Date Received: 05/20/15 02:30

Percent Solids: 74.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		10	245602	06/01/15 16:58	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:11	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 01

Lab Sample ID: 480-80671-8

Date Collected: 05/19/15 16:30

Matrix: Solid

Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 03:06	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 21:30	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 13:55	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		20	183251	06/02/15 13:22	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/29/15 01:21	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:14	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:47	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		1	245602	06/01/15 16:04	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:15	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600
TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16
The following analytes are included in this report, but certification is not offered by the governing authority:				
Analysis Method	Prep Method	Matrix	Analyte	
7470A	7470A	Solid	Mercury	
9012	7.3.3	Solid	Cyanide, Reactive	
9034	7.3.4	Solid	Sulfide, Reactive	
Moisture		Solid	Percent Moisture	
Moisture		Solid	Percent Solids	

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8270D	TCLP Semivolatiles	SW846	TAL BUF
8081B	TCLP Pesticides	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
8151	TCLP Herbicides	SW846	TAL BUF
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471B	Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9034	Sulfide, Reactive	SW846	TAL BUF
9045D	pH	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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80671-1	West Monroe NY-Fortino Sample # 20	Solid	05/19/15 08:20	05/20/15 02:30
480-80671-2	West Monroe NY-Fortino Sample # 21	Solid	05/19/15 09:15	05/20/15 02:30
480-80671-3	West Monroe NY-Fortino Sample # 29	Solid	05/19/15 10:00	05/20/15 02:30
480-80671-4	West Monroe NY-Fortino Sample # 19	Solid	05/19/15 11:30	05/20/15 02:30
480-80671-5	West Monroe NY-Fortino Sample # 11	Solid	05/19/15 13:30	05/20/15 02:30
480-80671-6	West Monroe NY-Fortino Sample # 12	Solid	05/19/15 14:40	05/20/15 02:30
480-80671-7	West Monroe NY-Fortino Sample # 10	Solid	05/19/15 15:30	05/20/15 02:30
480-80671-8	West Monroe NY-Fortino Sample # 01	Solid	05/19/15 16:30	05/20/15 02:30

>>> Select a Laboratory <<<

TA - Buffalo, NY

#N/A

#N/A

#N/A

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: Tom Binsfeld		Site Contact: Tom Binsfeld		Date: 5/19/15		COC No: _____ of _____ COCs	
MJ Engineering & Land Surveying		Tel/Fax: 518-577-9959 (cell)		Lab Contact: A. Massa		Carrier:		Sampler:	
1533 Crescent Rd		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Metals (Hg)		For Lab Use Only:	
Clifton Park, NY 12065		☐ CALENDAR DAYS ☒ WORKING DAYS		Filtered Sample (Y / N)		TCLP (Metals)		Walk-in Client:	
(518) 370-0799		TAT if different from Below _____		Sample Date		Sample Time		Lab Sampling:	
(518) 371-0822		2 weeks ☒ 1 week ☐ 2 days ☐ 1 day ☐		Sample Type (C-Comp, G-Grab)		Matrix		Job / SDG No.:	
Project Name: Fortino Tire Site Investigation		Sample Identification		Sample Date		Sample Time		Sample Specific Notes:	
Site: Fortino Tire Site Investigation		Sample Date		Sample Time		Matrix		Sample Specific Notes:	
P O # (Project # 915.06)		Sample Date		Sample Time		Matrix		Sample Specific Notes:	
West Monroe NY - Fortino Sample # 20	5/19	820	C	Soil	6				
West Monroe NY - Fortino Sample # 21	5/19	915	C	Soil	6				
West Monroe NY - Fortino Sample # 29	5/19	1000	C	Soil	6				
West Monroe NY - Fortino Sample # 19	5/19	1130	C	Soil	6				
West Monroe NY - Fortino Sample # 11	5/19	1330	C	Soil	6				
West Monroe NY - Fortino Sample # 12	5/19	1440	C	Soil	6				
West Monroe NY - Fortino Sample # 10	5/19	1530	C	Soil	6				
West Monroe NY Fortino Sample # 1	5/19	1630	C	Soil	6				
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Polson B ☒ Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seal Intact: ☐ Yes ☐ No									
Relinquished by: _____ Company: _____ Date/Time: 5/19/15									
Relinquished by: _____ Company: _____ Date/Time: 5/19/15									
Relinquished by: _____ Company: _____ Date/Time: 5/19/15									

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80671-1

Login Number: 80671

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	N/A	
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	MJ ENGINEERING
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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-80997-2

Client Project/Site: Characterization Sample -West Monroe, NY

For:

MJ Engineering & Land Surveying PC

1533 Crescent Road

Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld



Authorized for release by:

6/16/2015 2:57:17 PM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com

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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Job ID: 480-80997-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-80997-2

Receipt

The samples were received on 5/27/2015 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.0° C and 3.2° C.

General Chemistry

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

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Client Sample ID: West Monroe NY_Fortino Sample #51

Lab Sample ID: 480-80997-1

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Density	1.919				g/mL	1		SM 2710F	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Client Sample ID: West Monroe NY_Fortino Sample #51

Lab Sample ID: 480-80997-1

Date Collected: 05/26/15 10:15

Matrix: Solid

Date Received: 05/27/15 09:15

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Density	1.919				g/mL			06/15/15 18:06	1

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Method: SM 2710F - Specific Gravity, Density

Lab Sample ID: MB 680-387716/1

Matrix: Solid

Analysis Batch: 387716

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Density	0.998				g/mL			06/15/15 18:06	1

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

General Chemistry

Analysis Batch: 387716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	SM 2710F	
MB 680-387716/1	Method Blank	Total/NA	Solid	SM 2710F	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Client Sample ID: West Monroe NY_Fortino Sample #51

Lab Sample ID: 480-80997-1

Date Collected: 05/26/15 10:15

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2710F		1	387716	06/15/15 18:06	LBH	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-15 *
Arkansas DEQ	State Program	6	88-0692	01-31-16
California	State Program	9	2939	07-31-15
Colorado	State Program	8	N/A	12-31-15
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-15 *
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-16
Guam	State Program	9	14-004r	04-16-16
Hawaii	State Program	9	N/A	06-30-15 *
Illinois	NELAP	5	200022	11-30-15
Indiana	State Program	5	N/A	06-30-15 *
Iowa	State Program	7	353	07-01-15 *
Kentucky (DW)	State Program	4	90084	12-31-15
Kentucky (UST)	State Program	4	18	06-30-15 *
Kentucky (WW)	State Program	4	90084	12-31-15
Louisiana	NELAP	6	30690	06-30-15 *
Louisiana (DW)	NELAP	6	LA150014	12-31-15
Maine	State Program	1	GA00006	09-24-16
Maryland	State Program	3	250	12-31-15
Massachusetts	State Program	1	M-GA006	06-30-15 *
Michigan	State Program	5	9925	06-30-15 *
Mississippi	State Program	4	N/A	06-30-15 *
Montana	State Program	8	CERT0081	12-31-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-15 *
New Jersey	NELAP	2	GA769	06-30-15 *
New Mexico	State Program	6	N/A	06-30-15 *
New York	NELAP	2	10842	03-31-16
North Carolina (DW)	State Program	4	13701	07-31-15
North Carolina (WW/SW)	State Program	4	269	12-31-15
Oklahoma	State Program	6	9984	08-31-15
Pennsylvania	NELAP	3	68-00474	06-30-15 *
Puerto Rico	State Program	2	GA00006	12-31-15
South Carolina	State Program	4	98001	06-30-15 *
Tennessee	State Program	4	TN02961	06-30-15 *
Texas	NELAP	6	T104704185-14-7	11-30-15
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-16
Washington	State Program	10	C805	06-10-16
West Virginia (DW)	State Program	3	9950C	12-31-15
West Virginia DEP	State Program	3	094	06-30-15 *

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Laboratory: TestAmerica Savannah (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999819810	08-31-15
Wyoming	State Program	8	8TMS-L	06-30-15 *

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Method	Method Description	Protocol	Laboratory
SM 2710F	Specific Gravity, Density	SM	TAL SAV

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80997-1	West Monroe NY_Fortino Sample #51	Solid	05/26/15 10:15	05/27/15 09:15

1

2

3

4

5

6

7

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9

10

11

12

13

14

>>> Select a Laboratory <<<

TA - Buffalo, NY

#N/A

#N/A

#N/A

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: Tom Binsfeld		Site Contact: Tom Binsfeld		Date: 12/15/15		COC No: 1 of 1											
Tel/Fax: 518-577-9959 (cell)		Lab Contact: A. Massa		Carrier:		Sampler:		COCs											
Analysis Turnaround Time		CALENDAR DAYS		WORKING DAYS		For Lab Use Only:													
TAT if different from Below		☒ 2 weeks		☐ 1 week		Walk-in Client:													
☐ 2 days		☐ 1 day				Lab Sampling:													
Project Name: Fortino Tire Site Investigation						Job / SDG No.:													
Site: Fortino Tire Site Investigation																			
P O # (Project # 915.06)																			
Sample Identification	Sample Date	Sample Time	Sample Type (O=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 51	5/26	1015	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 52	5/26	1100	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 4	5/26	1145	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 3	5/26	1330	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 35	5/26	1410	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 7	5/26	1435	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 17	5/26	1525	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
Fortino # 37	5/26	1610	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other																			
Possible Hazard Identification:																			
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.																			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☒ Unknown																			
Special Instructions/QC Requirements & Comments:																			
Custody Seal No.:																			
Relinquished by: [Signature] Date/Time: 5/26/15 1730																			
Relinquished by: [Signature] Date/Time: 5/26/15 1730																			
Relinquished by: [Signature] Date/Time: 5/26/15 1730																			
Relinquished by: [Signature] Date/Time: 5/26/15 1730																			

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80997-2

Login Number: 80997

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	N/A	
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	MJ ENGINEERING
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	

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80997-2

Login Number: 80997

List Number: 3

Creator: McDonald, Debbie A

List Source: TestAmerica Savannah

List Creation: 06/11/15 04:07 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-80567-1

Client Project/Site: Characterization Sample -West Monroe, NY

For:

MJ Engineering & Land Surveying PC

1533 Crescent Road

Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld



Authorized for release by:

6/3/2015 10:30:23 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com

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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Job ID: 480-80567-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-80567-1

Receipt

The samples were received on 5/19/2015 2:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.3° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY-Fortino Sample # 14 (480-80567-1), West Monroe NY-Fortino Sample # 13 (480-80567-2), West Monroe NY-Fortino Sample # 06 (480-80567-3), West Monroe NY-Fortino Sample # 05 (480-80567-4) and (LB 480-243589/1-A). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-244233 recovered above the upper control limit for Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: West Monroe NY-Fortino Sample # 14 (480-80567-1), West Monroe NY-Fortino Sample # 13 (480-80567-2), West Monroe NY-Fortino Sample # 06 (480-80567-3) and West Monroe NY-Fortino Sample # 05 (480-80567-4).

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

GC/MS Semi VOA

Method(s) 8270D: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for leach batch 480-243590 and preparation batch 480-243934 recovered outside control limits for the following analytes: Pyridine.

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

GC Semi VOA

Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix: West Monroe NY-Fortino Sample # 06 (480-80567-3). Elevated reporting limits (RLs) are provided.

Method(s) 8081B: The continuing calibration verification (CCV) associated with batch 244047 recovered above the upper control limit for Chlordane (technical) and Toxaphene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: Surrogate recovery for the following samples were outside control limits: West Monroe NY-Fortino Sample # 14 (480-80567-1), West Monroe NY-Fortino Sample # 06 (480-80567-3), West Monroe NY-Fortino Sample # 05 (480-80567-4) and (LB 480-243590/1-D). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

Method(s) 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample # 14 (480-80567-1). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY-Fortino Sample # 14 (480-80567-1) and West Monroe NY-Fortino Sample # 13 (480-80567-2).
Reagents: 2022870, 1848563 and 1931923

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

Metals

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

General Chemistry

Method(s) 9045C, 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The

Case Narrative

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Job ID: 480-80567-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: West Monroe NY-Fortino Sample # 14 (480-80567-1), West Monroe NY-Fortino Sample # 13 (480-80567-2), West Monroe NY-Fortino Sample # 06 (480-80567-3) and West Monroe NY-Fortino Sample # 05 (480-80567-4).

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

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 243934.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 243939.

Method(s) 8151A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with extraction batch 243802.

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

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 14

Lab Sample ID: 480-80567-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	19000		3900	1300	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	13000		3900	1600	ug/Kg	100	☼	8082A	Total/NA
Barium	3.0		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.46		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.9		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.98		0.22	0.091	mg/Kg	10	☼	7471B	Total/NA
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
pH	7.17	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 13

Lab Sample ID: 480-80567-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.0040	J	0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.0040	J	0.010	0.00036	mg/L	1		8270D	TCLP
Endrin	0.00014	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Heptachlor epoxide	0.000044	J	0.00020	0.0000053	mg/L	1		8081B	TCLP
Methoxychlor	0.000056	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Aroclor-1242	30000		4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	44000		4300	1800	ug/Kg	100	☼	8082A	Total/NA
Barium	4.4		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.40		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.8		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	2.9		0.25	0.10	mg/Kg	10	☼	7471B	Total/NA
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
pH	7.00	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 06

Lab Sample ID: 480-80567-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.019		0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.019		0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	92000		43000	14000	ug/Kg	1000	☼	8082A	Total/NA
Aroclor-1254	240000		43000	18000	ug/Kg	1000	☼	8082A	Total/NA
Barium	5.2		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	1.1		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	6.6		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	11.9		1.3	0.53	mg/Kg	50	☼	7471B	Total/NA
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
pH	7.44	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 05

Lab Sample ID: 480-80567-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.032		0.010	0.00040	mg/L	1		8270D	TCLP
2-Methylphenol	0.0026	J	0.0050	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.032		0.010	0.00036	mg/L	1		8270D	TCLP
gamma-BHC (Lindane)	0.000049	J	0.00020	0.0000060	mg/L	1		8081B	TCLP

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 05
(Continued)

Lab Sample ID: 480-80567-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Endrin	0.000079	J	0.00020	0.000014	mg/L	1			8081B	TCLP
Aroclor-1242	100000		21000	7200	ug/Kg	500	☼		8082A	Total/NA
Aroclor-1254	93000		21000	9100	ug/Kg	500	☼		8082A	Total/NA
Barium	6.2		1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.70		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	4.6		0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	5.7		0.27	0.11	mg/Kg	10	☼		7471B	Total/NA
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
pH	7.48	HF	0.100	0.100	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 14

Lab Sample ID: 480-80567-1

Date Collected: 05/18/15 12:10

Matrix: Solid

Date Received: 05/19/15 02:05

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:24	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:24	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:24	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:24	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:24	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:24	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:24	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:24	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:24	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:24	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		05/23/15 01:24	10
Toluene-d8 (Surr)	96		71 - 126		05/23/15 01:24	10
4-Bromofluorobenzene (Surr)	101		73 - 120		05/23/15 01:24	10
Dibromofluoromethane (Surr)	97		60 - 140		05/23/15 01:24	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 13:47	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 13:47	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 13:47	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 13:47	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 13:47	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 13:47	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 13:47	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 13:47	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 13:47	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 13:47	1
Pyridine	ND *		0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 13:47	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 13:47	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132	05/21/15 14:49	05/22/15 13:47	1
2-Fluorobiphenyl	82		48 - 120	05/21/15 14:49	05/22/15 13:47	1
2-Fluorophenol	44		20 - 120	05/21/15 14:49	05/22/15 13:47	1
Nitrobenzene-d5	71		46 - 120	05/21/15 14:49	05/22/15 13:47	1
p-Terphenyl-d14	90		67 - 150	05/21/15 14:49	05/22/15 13:47	1
Phenol-d5	33		16 - 120	05/21/15 14:49	05/22/15 13:47	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/21/15 15:01	05/22/15 14:33	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/21/15 15:01	05/22/15 14:33	1
Endrin	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:33	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/21/15 15:01	05/22/15 14:33	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/21/15 15:01	05/22/15 14:33	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:33	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/21/15 15:01	05/22/15 14:33	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 14

Lab Sample ID: 480-80567-1

Date Collected: 05/18/15 12:10

Matrix: Solid

Date Received: 05/19/15 02:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		20 - 120	05/21/15 15:01	05/22/15 14:33	1
Tetrachloro-m-xylene	63		36 - 120	05/21/15 15:01	05/22/15 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3900	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1221	ND		3900	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1232	ND		3900	2300	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1242	19000		3900	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1248	ND		3900	940	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1254	13000		3900	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1260	ND		3900	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	214	X	29 - 151	05/29/15 07:39	06/02/15 15:49	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:39	06/02/15 15:49	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	-	05/21/15 13:54	05/27/15 16:32	1
2,4-D	ND		0.0020	0.00040	mg/L	-	05/21/15 13:54	05/27/15 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	33	X	35 - 143	05/21/15 13:54	05/27/15 16:32	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	-	05/21/15 11:50	05/22/15 16:21	1
Barium	3.0		1.0	0.10	mg/L	-	05/21/15 11:50	05/22/15 16:21	1
Cadmium	0.46		0.0020	0.00050	mg/L	-	05/21/15 11:50	05/22/15 16:21	1
Chromium	ND		0.020	0.010	mg/L	-	05/21/15 11:50	05/22/15 16:21	1
Lead	1.9		0.020	0.0030	mg/L	-	05/21/15 11:50	05/22/15 16:21	1
Selenium	ND		0.025	0.0087	mg/L	-	05/21/15 11:50	05/22/15 16:21	1
Silver	ND		0.0060	0.0017	mg/L	-	05/21/15 11:50	05/22/15 16:21	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	-	05/21/15 12:30	05/21/15 15:59	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.98		0.22	0.091	mg/Kg	☼	05/29/15 12:50	05/29/15 15:39	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	-	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	-	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	-		05/28/15 15:14	1
pH	7.17	HF	0.100	0.100	SU	-		05/19/15 10:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 13

Lab Sample ID: 480-80567-2

Date Collected: 05/18/15 13:20

Matrix: Solid

Date Received: 05/19/15 02:05

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:48	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:48	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:48	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:48	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:48	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:48	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:48	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:48	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:48	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:48	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		05/23/15 01:48	10
Toluene-d8 (Surr)	98		71 - 126		05/23/15 01:48	10
4-Bromofluorobenzene (Surr)	103		73 - 120		05/23/15 01:48	10
Dibromofluoromethane (Surr)	99		60 - 140		05/23/15 01:48	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 14:13	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 14:13	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 14:13	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 14:13	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 14:13	1
3-Methylphenol	0.0040	J	0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 14:13	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 14:13	1
4-Methylphenol	0.0040	J	0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 14:13	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 14:13	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 14:13	1
Pyridine	ND	*	0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 14:13	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 14:13	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		52 - 132	05/21/15 14:49	05/22/15 14:13	1
2-Fluorobiphenyl	71		48 - 120	05/21/15 14:49	05/22/15 14:13	1
2-Fluorophenol	36		20 - 120	05/21/15 14:49	05/22/15 14:13	1
Nitrobenzene-d5	67		46 - 120	05/21/15 14:49	05/22/15 14:13	1
p-Terphenyl-d14	85		67 - 150	05/21/15 14:49	05/22/15 14:13	1
Phenol-d5	26		16 - 120	05/21/15 14:49	05/22/15 14:13	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/21/15 15:01	05/22/15 14:50	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/21/15 15:01	05/22/15 14:50	1
Endrin	0.00014	J	0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:50	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/21/15 15:01	05/22/15 14:50	1
Heptachlor epoxide	0.000044	J	0.00020	0.0000053	mg/L		05/21/15 15:01	05/22/15 14:50	1
Methoxychlor	0.000056	J	0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:50	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/21/15 15:01	05/22/15 14:50	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 13

Lab Sample ID: 480-80567-2

Date Collected: 05/18/15 13:20

Matrix: Solid

Date Received: 05/19/15 02:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		20 - 120	05/21/15 15:01	05/22/15 14:50	1
Tetrachloro-m-xylene	60		36 - 120	05/21/15 15:01	05/22/15 14:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1242	30000		4300	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1254	44000		4300	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	380	X	29 - 151	05/29/15 07:39	06/02/15 16:05	100
DCB Decachlorobiphenyl	390	p X	14 - 163	05/29/15 07:39	06/02/15 16:05	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	—	05/21/15 13:54	05/27/15 06:39	1
2,4-D	ND		0.0020	0.00040	mg/L	—	05/21/15 13:54	05/27/15 06:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	35		35 - 143	05/21/15 13:54	05/27/15 06:39	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/21/15 11:50	05/22/15 16:36	1
Barium	4.4		1.0	0.10	mg/L	—	05/21/15 11:50	05/22/15 16:36	1
Cadmium	0.40		0.0020	0.00050	mg/L	—	05/21/15 11:50	05/22/15 16:36	1
Chromium	ND		0.020	0.010	mg/L	—	05/21/15 11:50	05/22/15 16:36	1
Lead	1.8		0.020	0.0030	mg/L	—	05/21/15 11:50	05/22/15 16:36	1
Selenium	ND		0.025	0.0087	mg/L	—	05/21/15 11:50	05/22/15 16:36	1
Silver	ND		0.0060	0.0017	mg/L	—	05/21/15 11:50	05/22/15 16:36	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	—	05/21/15 12:30	05/21/15 16:06	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.9		0.25	0.10	mg/Kg	☼	05/29/15 12:50	05/29/15 15:41	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		05/28/15 15:14	1
pH	7.00	HF	0.100	0.100	SU	—		05/19/15 10:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 06

Lab Sample ID: 480-80567-3

Date Collected: 05/18/15 14:05

Matrix: Solid

Date Received: 05/19/15 02:05

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 02:12	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 02:12	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 02:12	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 02:12	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 02:12	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 02:12	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 02:12	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 02:12	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 02:12	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 02:12	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		05/23/15 02:12	10
Toluene-d8 (Surr)	96		71 - 126		05/23/15 02:12	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/23/15 02:12	10
Dibromofluoromethane (Surr)	98		60 - 140		05/23/15 02:12	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 14:39	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 14:39	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 14:39	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 14:39	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 14:39	1
3-Methylphenol	0.019		0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 14:39	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 14:39	1
4-Methylphenol	0.019		0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 14:39	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 14:39	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 14:39	1
Pyridine	ND *		0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 14:39	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 14:39	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		52 - 132	05/21/15 14:49	05/22/15 14:39	1
2-Fluorobiphenyl	78		48 - 120	05/21/15 14:49	05/22/15 14:39	1
2-Fluorophenol	42		20 - 120	05/21/15 14:49	05/22/15 14:39	1
Nitrobenzene-d5	66		46 - 120	05/21/15 14:49	05/22/15 14:39	1
p-Terphenyl-d14	85		67 - 150	05/21/15 14:49	05/22/15 14:39	1
Phenol-d5	30		16 - 120	05/21/15 14:49	05/22/15 14:39	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00040	0.000012	mg/L		05/21/15 15:01	05/22/15 15:08	2
Chlordane (technical)	ND		0.0040	0.000058	mg/L		05/21/15 15:01	05/22/15 15:08	2
Endrin	ND		0.00040	0.000028	mg/L		05/21/15 15:01	05/22/15 15:08	2
Heptachlor	ND		0.00040	0.000017	mg/L		05/21/15 15:01	05/22/15 15:08	2
Heptachlor epoxide	ND		0.00040	0.000011	mg/L		05/21/15 15:01	05/22/15 15:08	2
Methoxychlor	ND		0.00040	0.000028	mg/L		05/21/15 15:01	05/22/15 15:08	2
Toxaphene	ND		0.0040	0.00024	mg/L		05/21/15 15:01	05/22/15 15:08	2

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 06

Lab Sample ID: 480-80567-3

Date Collected: 05/18/15 14:05

Matrix: Solid

Date Received: 05/19/15 02:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	42		20 - 120	05/21/15 15:01	05/22/15 15:08	2
Tetrachloro-m-xylene	68		36 - 120	05/21/15 15:01	05/22/15 15:08	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		43000	16000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1221	ND		43000	21000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1232	ND		43000	26000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1242	92000		43000	14000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1248	ND		43000	10000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1254	240000		43000	18000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1260	ND		43000	12000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:39	06/02/15 16:22	1000
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:39	06/02/15 16:22	1000

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	—	05/21/15 13:54	05/27/15 07:09	1
2,4-D	ND		0.0020	0.00040	mg/L	—	05/21/15 13:54	05/27/15 07:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	27	X	35 - 143	05/21/15 13:54	05/27/15 07:09	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/21/15 11:50	05/22/15 16:40	1
Barium	5.2		1.0	0.10	mg/L	—	05/21/15 11:50	05/22/15 16:40	1
Cadmium	1.1		0.0020	0.00050	mg/L	—	05/21/15 11:50	05/22/15 16:40	1
Chromium	ND		0.020	0.010	mg/L	—	05/21/15 11:50	05/22/15 16:40	1
Lead	6.6		0.020	0.0030	mg/L	—	05/21/15 11:50	05/22/15 16:40	1
Selenium	ND		0.025	0.0087	mg/L	—	05/21/15 11:50	05/22/15 16:40	1
Silver	ND		0.0060	0.0017	mg/L	—	05/21/15 11:50	05/22/15 16:40	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	—	05/21/15 12:30	05/21/15 16:07	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	11.9		1.3	0.53	mg/Kg	☼	05/29/15 12:50	05/29/15 16:06	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		05/31/15 13:51	1
pH	7.44	HF	0.100	0.100	SU	—		05/19/15 10:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 05

Lab Sample ID: 480-80567-4

Date Collected: 05/18/15 16:00

Matrix: Solid

Date Received: 05/19/15 02:05

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 02:36	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 02:36	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 02:36	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 02:36	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 02:36	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 02:36	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 02:36	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 02:36	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 02:36	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 02:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		05/23/15 02:36	10
Toluene-d8 (Surr)	97		71 - 126		05/23/15 02:36	10
4-Bromofluorobenzene (Surr)	101		73 - 120		05/23/15 02:36	10
Dibromofluoromethane (Surr)	100		60 - 140		05/23/15 02:36	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 15:06	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 15:06	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 15:06	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 15:06	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 15:06	1
3-Methylphenol	0.032		0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 15:06	1
2-Methylphenol	0.0026	J	0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 15:06	1
4-Methylphenol	0.032		0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 15:06	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 15:06	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 15:06	1
Pyridine	ND	*	0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 15:06	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 15:06	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 132	05/21/15 14:49	05/22/15 15:06	1
2-Fluorobiphenyl	75		48 - 120	05/21/15 14:49	05/22/15 15:06	1
2-Fluorophenol	39		20 - 120	05/21/15 14:49	05/22/15 15:06	1
Nitrobenzene-d5	72		46 - 120	05/21/15 14:49	05/22/15 15:06	1
p-Terphenyl-d14	83		67 - 150	05/21/15 14:49	05/22/15 15:06	1
Phenol-d5	28		16 - 120	05/21/15 14:49	05/22/15 15:06	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	0.000049	J	0.00020	0.0000060	mg/L		05/21/15 15:01	05/22/15 15:25	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/21/15 15:01	05/22/15 15:25	1
Endrin	0.000079	J	0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 15:25	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/21/15 15:01	05/22/15 15:25	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/21/15 15:01	05/22/15 15:25	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 15:25	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/21/15 15:01	05/22/15 15:25	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 05

Lab Sample ID: 480-80567-4

Date Collected: 05/18/15 16:00

Matrix: Solid

Date Received: 05/19/15 02:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		20 - 120	05/21/15 15:01	05/22/15 15:25	1
Tetrachloro-m-xylene	73		36 - 120	05/21/15 15:01	05/22/15 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	F2	21000	7800	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1221	ND		21000	10000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1232	ND		21000	13000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1242	100000		21000	7200	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1248	ND		21000	5200	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1254	93000		21000	9100	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1260	ND	F2	21000	5900	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:39	06/02/15 16:38	500
DCB Decachlorobiphenyl	780	p X	14 - 163	05/29/15 07:39	06/02/15 16:38	500

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L	—	05/21/15 13:54	05/27/15 07:38	1
2,4-D	ND		0.0020	0.00040	mg/L	—	05/21/15 13:54	05/27/15 07:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	30	X	35 - 143	05/21/15 13:54	05/27/15 07:38	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/21/15 11:50	05/22/15 16:43	1
Barium	6.2		1.0	0.10	mg/L	—	05/21/15 11:50	05/22/15 16:43	1
Cadmium	0.70		0.0020	0.00050	mg/L	—	05/21/15 11:50	05/22/15 16:43	1
Chromium	ND		0.020	0.010	mg/L	—	05/21/15 11:50	05/22/15 16:43	1
Lead	4.6		0.020	0.0030	mg/L	—	05/21/15 11:50	05/22/15 16:43	1
Selenium	ND		0.025	0.0087	mg/L	—	05/21/15 11:50	05/22/15 16:43	1
Silver	ND		0.0060	0.0017	mg/L	—	05/21/15 11:50	05/22/15 16:43	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	—	05/21/15 12:30	05/21/15 16:12	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	5.7		0.27	0.11	mg/Kg	☼	05/29/15 12:50	05/29/15 15:47	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/27/15 23:40	05/28/15 16:34	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		05/31/15 13:51	1
pH	7.48	HF	0.100	0.100	SU	—		05/19/15 10:30	1

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8260C - TCLP Volatiles

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 480-244233/4	Lab Control Sample	91	100	110	99
MB 480-244233/6	Method Blank	95	97	102	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

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)
480-80567-1	West Monroe NY-Fortino Sampl	92	96	101	97
480-80567-2	West Monroe NY-Fortino Sample # 13	94	98	103	99
480-80567-3	West Monroe NY-Fortino Sample # 06	94	96	100	98
480-80567-4	West Monroe NY-Fortino Sample # 05	95	97	101	100
LB 480-243589/1-A	Method Blank	93	97	101	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8270D - TCLP Semivolatiles

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 480-243934/2-A	Lab Control Sample	91	82	42	71	89	33
LCSD 480-243934/3-A	Lab Control Sample Dup	82	77	42	74	86	32
MB 480-243934/1-A	Method Blank	54	64	38	56	74	27

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

TPH = p-Terphenyl-d14

PHL = Phenol-d5

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8270D - TCLP Semivolatiles

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)
480-80567-1	West Monroe NY-Fortino Sample # 13	83	82	44	71	90	33
480-80567-2	West Monroe NY-Fortino Sample # 06	81	71	36	67	85	26
480-80567-3	West Monroe NY-Fortino Sample # 05	87	78	42	66	85	30
480-80567-4	West Monroe NY-Fortino Sample # 05	84	75	39	72	83	28
LB 480-243590/1-E	Method Blank	76	80	44	73	92	31

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

TPH = p-Terphenyl-d14

PHL = Phenol-d5

Method: 8081B - TCLP Pesticides

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (20-120)	TCX2 (36-120)
LCS 480-243939/2-A	Lab Control Sample	48	62
LCSD 480-243939/3-A	Lab Control Sample Dup	46	57
MB 480-243939/1-A	Method Blank	44	62

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - TCLP Pesticides

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (20-120)	TCX2 (36-120)
480-80567-1	West Monroe NY-Fortino Sample # 13	52	63
480-80567-2	West Monroe NY-Fortino Sample # 06	55	60
480-80567-3	West Monroe NY-Fortino Sample # 05	42	68
480-80567-4	West Monroe NY-Fortino Sample # 05	57	73
LB 480-243590/1-F	Method Blank	65	59

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

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	TCX1 (29-151)	DCB1 (14-163)
480-80567-1	West Monroe NY-Fortino Sample # 13	214 X	0 X
480-80567-2	West Monroe NY-Fortino Sample # 06	380 X	390 p X
480-80567-3	West Monroe NY-Fortino Sample # 05	0 X	0 X
480-80567-4	West Monroe NY-Fortino Sample # 05	0 X	780 p X
480-80567-4 MS	West Monroe NY-Fortino Sample # 05	2249 X	1164 p X
480-80567-4 MSD	West Monroe NY-Fortino Sample # 05	0 X	662 p X
LCS 240-182832/24-A	Lab Control Sample	75	108
MB 240-182832/23-A	Method Blank	60	96

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8151 - TCLP Herbicides

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPA1 (35-143)
LCS 480-243802/2-A	Lab Control Sample	95
LCSD 480-243802/3-A	Lab Control Sample Dup	94
MB 480-243802/1-A	Method Blank	106

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151 - TCLP Herbicides

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPA1 (35-143)
480-80567-1	West Monroe NY-Fortino Sample # 13	33 X
480-80567-2	West Monroe NY-Fortino Sample # 06	35
480-80567-3	West Monroe NY-Fortino Sample # 05	27 X
480-80567-4	West Monroe NY-Fortino Sample # 05	30 X
LB 480-243590/1-D	Method Blank	27 X

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-244233/6

Matrix: Solid

Analysis Batch: 244233

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/22/15 23:51	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/22/15 23:51	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/22/15 23:51	1
Chloroform	ND		0.0010	0.00034	mg/L			05/22/15 23:51	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/22/15 23:51	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/22/15 23:51	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/22/15 23:51	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/22/15 23:51	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/22/15 23:51	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/22/15 23:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		05/22/15 23:51	1
Toluene-d8 (Surr)	97		71 - 126		05/22/15 23:51	1
4-Bromofluorobenzene (Surr)	102		73 - 120		05/22/15 23:51	1
Dibromofluoromethane (Surr)	98		60 - 140		05/22/15 23:51	1

Lab Sample ID: LCS 480-244233/4

Matrix: Solid

Analysis Batch: 244233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0273		mg/L		109	71 - 124
Chlorobenzene	0.0250	0.0279		mg/L		112	72 - 120
1,2-Dichloroethane	0.0250	0.0240		mg/L		96	75 - 127
1,1-Dichloroethene	0.0250	0.0259		mg/L		104	58 - 121
Tetrachloroethene	0.0250	0.0296		mg/L		118	74 - 122
Trichloroethene	0.0250	0.0263		mg/L		105	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	110		73 - 120
Dibromofluoromethane (Surr)	99		60 - 140

Lab Sample ID: LB 480-243589/1-A

Matrix: Solid

Analysis Batch: 244233

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 00:37	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 00:37	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 00:37	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 00:37	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 00:37	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 00:37	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 00:37	10

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-243589/1-A

Matrix: Solid

Analysis Batch: 244233

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 00:37	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 00:37	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 00:37	10

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		66 - 137		05/23/15 00:37	10
Toluene-d8 (Surr)	97		71 - 126		05/23/15 00:37	10
4-Bromofluorobenzene (Surr)	101		73 - 120		05/23/15 00:37	10
Dibromofluoromethane (Surr)	96		60 - 140		05/23/15 00:37	10

Method: 8270D - TCLP Semivolatiles

Lab Sample ID: MB 480-243934/1-A

Matrix: Solid

Analysis Batch: 244069

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		05/21/15 14:49	05/22/15 11:37	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		05/21/15 14:49	05/22/15 11:37	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		05/21/15 14:49	05/22/15 11:37	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		05/21/15 14:49	05/22/15 11:37	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		05/21/15 14:49	05/22/15 11:37	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		05/21/15 14:49	05/22/15 11:37	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		05/21/15 14:49	05/22/15 11:37	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		05/21/15 14:49	05/22/15 11:37	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		05/21/15 14:49	05/22/15 11:37	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		05/21/15 14:49	05/22/15 11:37	1
Pyridine	ND		0.0063	0.00010	mg/L		05/21/15 14:49	05/22/15 11:37	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		05/21/15 14:49	05/22/15 11:37	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		05/21/15 14:49	05/22/15 11:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	54		52 - 132	05/21/15 14:49	05/22/15 11:37	1
2-Fluorobiphenyl	64		48 - 120	05/21/15 14:49	05/22/15 11:37	1
2-Fluorophenol	38		20 - 120	05/21/15 14:49	05/22/15 11:37	1
Nitrobenzene-d5	56		46 - 120	05/21/15 14:49	05/22/15 11:37	1
p-Terphenyl-d14	74		67 - 150	05/21/15 14:49	05/22/15 11:37	1
Phenol-d5	27		16 - 120	05/21/15 14:49	05/22/15 11:37	1

Lab Sample ID: LCS 480-243934/2-A

Matrix: Solid

Analysis Batch: 244069

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0500	0.0282		mg/L		56	32 - 120
2,4-Dinitrotoluene	0.0500	0.0476		mg/L		95	65 - 154
Hexachloroethane	0.0500	0.0248		mg/L		50	14 - 130

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LCS 480-243934/2-A

Matrix: Solid

Analysis Batch: 244069

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pentachlorophenol	0.100	0.0792		mg/L		79	39 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	91		52 - 132
2-Fluorobiphenyl	82		48 - 120
2-Fluorophenol	42		20 - 120
Nitrobenzene-d5	71		46 - 120
p-Terphenyl-d14	89		67 - 150
Phenol-d5	33		16 - 120

Lab Sample ID: LCSD 480-243934/3-A

Matrix: Solid

Analysis Batch: 244069

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 243934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.0500	0.0268		mg/L		54	32 - 120	5	36
2,4-Dinitrotoluene	0.0500	0.0484		mg/L		97	65 - 154	2	20
Hexachloroethane	0.0500	0.0241		mg/L		48	14 - 130	3	46
Pentachlorophenol	0.100	0.0737		mg/L		74	39 - 136	7	37

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	82		52 - 132
2-Fluorobiphenyl	77		48 - 120
2-Fluorophenol	42		20 - 120
Nitrobenzene-d5	74		46 - 120
p-Terphenyl-d14	86		67 - 150
Phenol-d5	32		16 - 120

Lab Sample ID: LB 480-243590/1-E

Matrix: Solid

Analysis Batch: 244069

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 243934

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 12:55	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 12:55	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 12:55	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 12:55	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 12:55	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 12:55	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 12:55	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 12:55	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 12:55	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 12:55	1
Pyridine	ND		0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 12:55	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 12:55	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 12:55	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-243590/1-E

Matrix: Solid

Analysis Batch: 244069

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 243934

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		52 - 132	05/21/15 14:49	05/22/15 12:55	1
2-Fluorobiphenyl	80		48 - 120	05/21/15 14:49	05/22/15 12:55	1
2-Fluorophenol	44		20 - 120	05/21/15 14:49	05/22/15 12:55	1
Nitrobenzene-d5	73		46 - 120	05/21/15 14:49	05/22/15 12:55	1
p-Terphenyl-d14	92		67 - 150	05/21/15 14:49	05/22/15 12:55	1
Phenol-d5	31		16 - 120	05/21/15 14:49	05/22/15 12:55	1

Method: 8081B - TCLP Pesticides

Lab Sample ID: MB 480-243939/1-A

Matrix: Solid

Analysis Batch: 244047

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		05/21/15 15:01	05/22/15 13:23	1
Chlordane (technical)	ND		0.000050	0.0000073	mg/L		05/21/15 15:01	05/22/15 13:23	1
Endrin	ND		0.000050	0.0000035	mg/L		05/21/15 15:01	05/22/15 13:23	1
Heptachlor	ND		0.000050	0.0000021	mg/L		05/21/15 15:01	05/22/15 13:23	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		05/21/15 15:01	05/22/15 13:23	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		05/21/15 15:01	05/22/15 13:23	1
Toxaphene	ND		0.000050	0.0000030	mg/L		05/21/15 15:01	05/22/15 13:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	44		20 - 120	05/21/15 15:01	05/22/15 13:23	1
Tetrachloro-m-xylene	62		36 - 120	05/21/15 15:01	05/22/15 13:23	1

Lab Sample ID: LCS 480-243939/2-A

Matrix: Solid

Analysis Batch: 244047

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000344		mg/L		69	56 - 127
Endrin	0.000500	0.000416		mg/L		83	52 - 143
Heptachlor	0.000500	0.000362		mg/L		72	51 - 125
Heptachlor epoxide	0.000500	0.000386		mg/L		77	50 - 140
Methoxychlor	0.000500	0.000406		mg/L		81	50 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	48		20 - 120
Tetrachloro-m-xylene	62		36 - 120

Lab Sample ID: LCSD 480-243939/3-A

Matrix: Solid

Analysis Batch: 244047

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 243939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
gamma-BHC (Lindane)	0.000500	0.000341		mg/L		68	56 - 127	1	24

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8081B - TCLP Pesticides (Continued)

Lab Sample ID: LCSD 480-243939/3-A

Matrix: Solid

Analysis Batch: 244047

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 243939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin	0.000500	0.000414		mg/L		83	52 - 143	0	24
Heptachlor	0.000500	0.000342		mg/L		68	51 - 125	6	25
Heptachlor epoxide	0.000500	0.000382		mg/L		76	50 - 140	1	23
Methoxychlor	0.000500	0.000403		mg/L		81	50 - 151	1	26

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	46		20 - 120
Tetrachloro-m-xylene	57		36 - 120

Lab Sample ID: LB 480-243590/1-F

Matrix: Solid

Analysis Batch: 244047

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 243939

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/21/15 15:01	05/22/15 14:15	1
Chlordane (technical)	0.000476	J	0.0020	0.000029	mg/L		05/21/15 15:01	05/22/15 14:15	1
Endrin	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:15	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/21/15 15:01	05/22/15 14:15	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/21/15 15:01	05/22/15 14:15	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:15	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/21/15 15:01	05/22/15 14:15	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		20 - 120	05/21/15 15:01	05/22/15 14:15	1
Tetrachloro-m-xylene	59		36 - 120	05/21/15 15:01	05/22/15 14:15	1

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

Lab Sample ID: MB 240-182832/23-A

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 182832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		29 - 151	05/29/15 07:39	06/02/15 17:27	1
DCB Decachlorobiphenyl	96		14 - 163	05/29/15 07:39	06/02/15 17:27	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

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

Lab Sample ID: LCS 240-182832/24-A

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 182832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor-1016	333	272		ug/Kg		82	62 - 120
Aroclor-1260	333	330		ug/Kg		99	56 - 122
Surrogate	%Recovery	LCS Qualifier	Limits				
Tetrachloro-m-xylene	75		29 - 151				
DCB Decachlorobiphenyl	108		14 - 163				

Lab Sample ID: 480-80567-4 MS

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: West Monroe NY-Fortino Sample # 05

Prep Type: Total/NA

Prep Batch: 182832

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aroclor-1016	ND	F2	446	135000		ug/Kg	☼	NC	22 - 157
Aroclor-1260	ND	F2	446	63800		ug/Kg	☼	NC	13 - 161
Surrogate	%Recovery	MS Qualifier	Limits						
Tetrachloro-m-xylene	2249	X	29 - 151						
DCB Decachlorobiphenyl	1164	p X	14 - 163						

Lab Sample ID: 480-80567-4 MSD

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: West Monroe NY-Fortino Sample # 05

Prep Type: Total/NA

Prep Batch: 182832

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor-1016	ND	F2	435	64400	F2	ug/Kg	☼	NC	22 - 157	71	30
Aroclor-1260	ND	F2	435	29000	F2	ug/Kg	☼	NC	13 - 161	75	30
Surrogate	%Recovery	MSD Qualifier	Limits								
Tetrachloro-m-xylene	0	X	29 - 151								
DCB Decachlorobiphenyl	662	p X	14 - 163								

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-243802/1-A

Matrix: Solid

Analysis Batch: 244656

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		05/21/15 08:42	05/27/15 00:14	1
2,4-D	ND		0.00050	0.00010	mg/L		05/21/15 08:42	05/27/15 00:14	1
Surrogate	%Recovery	MB Qualifier	Limits						
2,4-Dichlorophenylacetic acid	106		35 - 143						

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8151 - TCLP Herbicides (Continued)

Lab Sample ID: LCS 480-243802/2-A

Matrix: Solid

Analysis Batch: 244656

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243802

Analyte			Spike	LCS	LCS	Unit	D	%Rec.		
			Added	Result	Qualifier			Limits		
Silvex (2,4,5-TP)			0.00200	0.00175		mg/L		87	49 - 167	
2,4-D			0.00200	0.00161		mg/L		81	36 - 179	
Surrogate	LCS	LCS	Limits							
	%Recovery	Qualifier								
2,4-Dichlorophenylacetic acid	95		35 - 143							

Lab Sample ID: LCSD 480-243802/3-A

Matrix: Solid

Analysis Batch: 244656

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 243802

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Silvex (2,4,5-TP)			0.00200	0.00191		mg/L		96	49 - 167	9	50
2,4-D			0.00200	0.00173		mg/L		87	36 - 179	7	50

Lab Sample ID: LB 480-243590/1-D

Matrix: Solid

Analysis Batch: 244656

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 243802

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/21/15 13:54	05/27/15 08:08	1
2,4-D	ND		0.0020	0.00040	mg/L		05/21/15 13:54	05/27/15 08:08	1
Surrogate	LB	LB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
2,4-Dichlorophenylacetic acid	27	X	35 - 143	05/21/15 13:54	05/27/15 08:08	1			

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-243861/2-A

Matrix: Solid

Analysis Batch: 244394

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243861

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/15 11:50	05/22/15 16:03	1
Barium	ND		1.0	0.10	mg/L		05/21/15 11:50	05/22/15 16:03	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/15 11:50	05/22/15 16:03	1
Chromium	ND		0.020	0.010	mg/L		05/21/15 11:50	05/22/15 16:03	1
Lead	ND		0.020	0.0030	mg/L		05/21/15 11:50	05/22/15 16:03	1
Selenium	ND		0.025	0.0087	mg/L		05/21/15 11:50	05/22/15 16:03	1
Silver	ND		0.0060	0.0017	mg/L		05/21/15 11:50	05/22/15 16:03	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: LCS 480-243861/3-A

Matrix: Solid

Analysis Batch: 244394

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243861

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	1.00	1.04		mg/L		104	80 - 120
Barium	1.00	0.986	J	mg/L		99	80 - 120
Cadmium	1.00	1.04		mg/L		104	80 - 120
Chromium	1.00	0.997		mg/L		100	80 - 120
Lead	1.00	1.02		mg/L		102	80 - 120
Selenium	1.00	1.06		mg/L		106	80 - 120
Silver	1.00	1.14		mg/L		114	80 - 120

Lab Sample ID: LB 480-243590/1-B

Matrix: Solid

Analysis Batch: 244394

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 243861

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/15 11:50	05/22/15 16:00	1
Barium	ND		1.0	0.10	mg/L		05/21/15 11:50	05/22/15 16:00	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/15 11:50	05/22/15 16:00	1
Chromium	ND		0.020	0.010	mg/L		05/21/15 11:50	05/22/15 16:00	1
Lead	ND		0.020	0.0030	mg/L		05/21/15 11:50	05/22/15 16:00	1
Selenium	ND		0.025	0.0087	mg/L		05/21/15 11:50	05/22/15 16:00	1
Silver	ND		0.0060	0.0017	mg/L		05/21/15 11:50	05/22/15 16:00	1

Lab Sample ID: 480-80567-1 MS

Matrix: Solid

Analysis Batch: 244394

Client Sample ID: West Monroe NY-Fortino Sample # 14

Prep Type: TCLP

Prep Batch: 243861

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	ND		1.00	1.05		mg/L		105	75 - 125
Barium	3.0		1.00	3.94		mg/L		99	75 - 125
Cadmium	0.46		1.00	1.52		mg/L		105	75 - 125
Chromium	ND		1.00	0.968		mg/L		97	75 - 125
Lead	1.9		1.00	2.93		mg/L		100	75 - 125
Selenium	ND		1.00	1.07		mg/L		107	75 - 125
Silver	ND		1.00	1.16		mg/L		116	75 - 125

Lab Sample ID: 480-80567-1 MSD

Matrix: Solid

Analysis Batch: 244394

Client Sample ID: West Monroe NY-Fortino Sample # 14

Prep Type: TCLP

Prep Batch: 243861

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.06		mg/L		106	75 - 125	1	20
Barium	3.0		1.00	3.79		mg/L		84	75 - 125	4	20
Cadmium	0.46		1.00	1.52		mg/L		105	75 - 125	0	20
Chromium	ND		1.00	0.953		mg/L		95	75 - 125	2	20
Lead	1.9		1.00	2.92		mg/L		99	75 - 125	0	20
Selenium	ND		1.00	1.09		mg/L		109	75 - 125	2	20
Silver	ND		1.00	1.16		mg/L		116	75 - 125	0	20

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-243891/2-A
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 243891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/15 12:30	05/21/15 15:54	1

Lab Sample ID: LCS 480-243891/3-A
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00645		mg/L		97	80 - 120

Lab Sample ID: LB 480-243590/1-C
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 243891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/15 12:30	05/21/15 15:52	1

Lab Sample ID: 480-80567-1 MS
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: West Monroe NY-Fortino Sample # 14
Prep Type: TCLP
Prep Batch: 243891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00603		mg/L		90	80 - 120

Lab Sample ID: 480-80567-1 MSD
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: West Monroe NY-Fortino Sample # 14
Prep Type: TCLP
Prep Batch: 243891

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00602		mg/L		90	80 - 120	0	20

Method: 7471B - Mercury

Lab Sample ID: MB 480-245169/1-A
Matrix: Solid
Analysis Batch: 245244

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 245169

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	mg/Kg		05/29/15 12:50	05/29/15 14:33	1

Lab Sample ID: LCSSRM 480-245169/2-A
Matrix: Solid
Analysis Batch: 245244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 245169

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.98	3.75		mg/Kg		94.3	51.0 - 149.0

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

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

Lab Sample ID: LCS 480-244972/1

Matrix: Solid

Analysis Batch: 244972

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Lab Sample ID: LCS 480-245349/1

Matrix: Solid

Analysis Batch: 245349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	82.00		Degrees F		101	97.5 - 102.5

Lab Sample ID: 480-80567-3 DU

Matrix: Solid

Analysis Batch: 245349

Client Sample ID: West Monroe NY-Fortino Sample # 06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>176.0		>176.0		Degrees F		NC	10

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-244860/1-A

Matrix: Solid

Analysis Batch: 245031

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1

Lab Sample ID: LCS 480-244860/2-A

Matrix: Solid

Analysis Batch: 245031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	480.0		mg/Kg		48	10 - 100

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-244863/1-A

Matrix: Solid

Analysis Batch: 245006

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Lab Sample ID: LCS 480-244863/2-A

Matrix: Solid

Analysis Batch: 245006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	541.0		mg/Kg		54	10 - 100

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 9045D - pH

Lab Sample ID: LCS 480-243327/1

Matrix: Solid

Analysis Batch: 243327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.020		SU	—	100	99 - 101

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

GC/MS VOA

Leach Batch: 243589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	1311	
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	1311	
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	1311	
LB 480-243589/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 244233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8260C	243589
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8260C	243589
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8260C	243589
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8260C	243589
LB 480-243589/1-A	Method Blank	TCLP	Solid	8260C	243589
LCS 480-244233/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244233/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 243590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	1311	
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	1311	
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	1311	
LB 480-243590/1-E	Method Blank	TCLP	Solid	1311	

Prep Batch: 243934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3510C	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	3510C	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	3510C	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	3510C	243590
LB 480-243590/1-E	Method Blank	TCLP	Solid	3510C	243590
LCS 480-243934/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-243934/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-243934/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8270D	243934
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8270D	243934
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8270D	243934
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8270D	243934
LB 480-243590/1-E	Method Blank	TCLP	Solid	8270D	243934
LCS 480-243934/2-A	Lab Control Sample	Total/NA	Solid	8270D	243934
LCSD 480-243934/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	243934
MB 480-243934/1-A	Method Blank	Total/NA	Solid	8270D	243934

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

GC Semi VOA

Prep Batch: 182832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	3540C	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	3540C	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	3540C	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	3540C	
480-80567-4 MS	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	3540C	
480-80567-4 MSD	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	3540C	
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182832/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 183251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	8082A	182832
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	8082A	182832
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	8082A	182832
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	8082A	182832
480-80567-4 MS	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	8082A	182832
480-80567-4 MSD	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	8082A	182832
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	8082A	182832
MB 240-182832/23-A	Method Blank	Total/NA	Solid	8082A	182832

Leach Batch: 243590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	1311	
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	1311	
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	1311	
LB 480-243590/1-D	Method Blank	TCLP	Solid	1311	
LB 480-243590/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 243802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8151A	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8151A	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8151A	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8151A	243590
LB 480-243590/1-D	Method Blank	TCLP	Solid	8151A	243590
LCS 480-243802/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 480-243802/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
MB 480-243802/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 243939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3510C	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	3510C	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	3510C	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	3510C	243590
LB 480-243590/1-F	Method Blank	TCLP	Solid	3510C	243590
LCS 480-243939/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-243939/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-243939/1-A	Method Blank	Total/NA	Solid	3510C	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

GC Semi VOA (Continued)

Analysis Batch: 244047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8081B	243939
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8081B	243939
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8081B	243939
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8081B	243939
LB 480-243590/1-F	Method Blank	TCLP	Solid	8081B	243939
LCS 480-243939/2-A	Lab Control Sample	Total/NA	Solid	8081B	243939
LCSD 480-243939/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	243939
MB 480-243939/1-A	Method Blank	Total/NA	Solid	8081B	243939

Analysis Batch: 244656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8151	243802
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8151	243802
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8151	243802
LB 480-243590/1-D	Method Blank	TCLP	Solid	8151	243802
LCS 480-243802/2-A	Lab Control Sample	Total/NA	Solid	8151	243802
LCSD 480-243802/3-A	Lab Control Sample Dup	Total/NA	Solid	8151	243802
MB 480-243802/1-A	Method Blank	Total/NA	Solid	8151	243802

Analysis Batch: 244726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8151	243802

Metals

Leach Batch: 243590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	1311	
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	1311	
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	1311	
LB 480-243590/1-B	Method Blank	TCLP	Solid	1311	
LB 480-243590/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 243861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3010A	243590
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3010A	243590
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3010A	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	3010A	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	3010A	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	3010A	243590
LB 480-243590/1-B	Method Blank	TCLP	Solid	3010A	243590
LCS 480-243861/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-243861/2-A	Method Blank	Total/NA	Solid	3010A	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Metals (Continued)

Prep Batch: 243891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243590
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243590
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	7470A	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	7470A	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	7470A	243590
LB 480-243590/1-C	Method Blank	TCLP	Solid	7470A	243590
LCS 480-243891/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-243891/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 243956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243891
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243891
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243891
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	7470A	243891
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	7470A	243891
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	7470A	243891
LB 480-243590/1-C	Method Blank	TCLP	Solid	7470A	243891
LCS 480-243891/3-A	Lab Control Sample	Total/NA	Solid	7470A	243891
MB 480-243891/2-A	Method Blank	Total/NA	Solid	7470A	243891

Analysis Batch: 244394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	6010C	243861
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	6010C	243861
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	6010C	243861
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	6010C	243861
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	6010C	243861
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	6010C	243861
LB 480-243590/1-B	Method Blank	TCLP	Solid	6010C	243861
LCS 480-243861/3-A	Lab Control Sample	Total/NA	Solid	6010C	243861
MB 480-243861/2-A	Method Blank	Total/NA	Solid	6010C	243861

Prep Batch: 245169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	7471B	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	7471B	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	7471B	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	7471B	
LCSSRM 480-245169/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 480-245169/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 245244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	7471B	245169
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	7471B	245169
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	7471B	245169
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	7471B	245169
LCSSRM 480-245169/2-A	Lab Control Sample	Total/NA	Solid	7471B	245169
MB 480-245169/1-A	Method Blank	Total/NA	Solid	7471B	245169

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

General Chemistry

Analysis Batch: 243327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	9045D	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	9045D	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	9045D	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	9045D	
LCS 480-243327/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 243488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	Moisture	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	Moisture	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	Moisture	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	Moisture	

Prep Batch: 244860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	7.3.3	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	7.3.3	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	7.3.3	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	7.3.3	
LCS 480-244860/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-244860/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 244863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	7.3.4	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	7.3.4	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	7.3.4	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	7.3.4	
LCS 480-244863/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-244863/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 244972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	1010A	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	1010A	
LCS 480-244972/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 245006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	9034	244863
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	9034	244863
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	9034	244863
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	9034	244863
LCS 480-244863/2-A	Lab Control Sample	Total/NA	Solid	9034	244863
MB 480-244863/1-A	Method Blank	Total/NA	Solid	9034	244863

Analysis Batch: 245031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	9012	244860
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	9012	244860
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	9012	244860

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

General Chemistry (Continued)

Analysis Batch: 245031 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	9012	244860
LCS 480-244860/2-A	Lab Control Sample	Total/NA	Solid	9012	244860
MB 480-244860/1-A	Method Blank	Total/NA	Solid	9012	244860

Analysis Batch: 245349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	1010A	
480-80567-3 DU	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	1010A	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	1010A	
LCS 480-245349/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 14

Lab Sample ID: 480-80567-1

Date Collected: 05/18/15 12:10

Matrix: Solid

Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243589	05/20/15 11:12	JLS	TAL BUF
TCLP	Analysis	8260C		10	244233	05/23/15 01:24	SWO	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243934	05/21/15 14:49	CPH	TAL BUF
TCLP	Analysis	8270D		1	244069	05/22/15 13:47	DMR	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243939	05/21/15 15:01	CPH	TAL BUF
TCLP	Analysis	8081B		1	244047	05/22/15 14:33	MAN	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 15:49	HMB	TAL CAN
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	8151A			243802	05/21/15 13:54	CPH	TAL BUF
TCLP	Analysis	8151		1	244726	05/27/15 16:32	JRL	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3010A			243861	05/21/15 11:50	TAS	TAL BUF
TCLP	Analysis	6010C		1	244394	05/22/15 16:21	AMH	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	7470A			243891	05/21/15 12:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	243956	05/21/15 15:59	LRK	TAL BUF
Total/NA	Prep	7471B			245169	05/29/15 12:50	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245244	05/29/15 15:39	LRK	TAL BUF
Total/NA	Analysis	1010A		1	244972	05/28/15 15:14	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	243327	05/19/15 10:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243488	05/19/15 22:11	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 13

Lab Sample ID: 480-80567-2

Date Collected: 05/18/15 13:20

Matrix: Solid

Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243589	05/20/15 11:12	JLS	TAL BUF
TCLP	Analysis	8260C		10	244233	05/23/15 01:48	SWO	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243934	05/21/15 14:49	CPH	TAL BUF
TCLP	Analysis	8270D		1	244069	05/22/15 14:13	DMR	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243939	05/21/15 15:01	CPH	TAL BUF
TCLP	Analysis	8081B		1	244047	05/22/15 14:50	MAN	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 16:05	HMB	TAL CAN

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 13

Lab Sample ID: 480-80567-2

Date Collected: 05/18/15 13:20

Matrix: Solid

Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	8151A			243802	05/21/15 13:54	CPH	TAL BUF
TCLP	Analysis	8151		1	244656	05/27/15 06:39	JRL	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3010A			243861	05/21/15 11:50	TAS	TAL BUF
TCLP	Analysis	6010C		1	244394	05/22/15 16:36	AMH	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	7470A			243891	05/21/15 12:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	243956	05/21/15 16:06	LRK	TAL BUF
Total/NA	Prep	7471B			245169	05/29/15 12:50	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245244	05/29/15 15:41	LRK	TAL BUF
Total/NA	Analysis	1010A		1	244972	05/28/15 15:14	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	243327	05/19/15 10:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243488	05/19/15 22:11	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 06

Lab Sample ID: 480-80567-3

Date Collected: 05/18/15 14:05

Matrix: Solid

Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243589	05/20/15 11:12	JLS	TAL BUF
TCLP	Analysis	8260C		10	244233	05/23/15 02:12	SWO	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243934	05/21/15 14:49	CPH	TAL BUF
TCLP	Analysis	8270D		1	244069	05/22/15 14:39	DMR	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243939	05/21/15 15:01	CPH	TAL BUF
TCLP	Analysis	8081B		2	244047	05/22/15 15:08	MAN	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		1000	183251	06/02/15 16:22	HMB	TAL CAN
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	8151A			243802	05/21/15 13:54	CPH	TAL BUF
TCLP	Analysis	8151		1	244656	05/27/15 07:09	JRL	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3010A			243861	05/21/15 11:50	TAS	TAL BUF
TCLP	Analysis	6010C		1	244394	05/22/15 16:40	AMH	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	7470A			243891	05/21/15 12:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	243956	05/21/15 16:07	LRK	TAL BUF
Total/NA	Prep	7471B			245169	05/29/15 12:50	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 06

Lab Sample ID: 480-80567-3

Date Collected: 05/18/15 14:05

Matrix: Solid

Date Received: 05/19/15 02:05

Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		50	245244	05/29/15 16:06	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	243327	05/19/15 10:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243488	05/19/15 22:11	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 05

Lab Sample ID: 480-80567-4

Date Collected: 05/18/15 16:00

Matrix: Solid

Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243589	05/20/15 11:12	JLS	TAL BUF
TCLP	Analysis	8260C		10	244233	05/23/15 02:36	SWO	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243934	05/21/15 14:49	CPH	TAL BUF
TCLP	Analysis	8270D		1	244069	05/22/15 15:06	DMR	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243939	05/21/15 15:01	CPH	TAL BUF
TCLP	Analysis	8081B		1	244047	05/22/15 15:25	MAN	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		500	183251	06/02/15 16:38	HMB	TAL CAN
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	8151A			243802	05/21/15 13:54	CPH	TAL BUF
TCLP	Analysis	8151		1	244656	05/27/15 07:38	JRL	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3010A			243861	05/21/15 11:50	TAS	TAL BUF
TCLP	Analysis	6010C		1	244394	05/22/15 16:43	AMH	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	7470A			243891	05/21/15 12:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	243956	05/21/15 16:12	LRK	TAL BUF
Total/NA	Prep	7471B			245169	05/29/15 12:50	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245244	05/29/15 15:47	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	243327	05/19/15 10:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243488	05/19/15 22:11	CMK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600
TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16
The following analytes are included in this report, but certification is not offered by the governing authority:				
Analysis Method	Prep Method	Matrix	Analyte	
7470A	7470A	Solid	Mercury	
9012	7.3.3	Solid	Cyanide, Reactive	
9034	7.3.4	Solid	Sulfide, Reactive	
Moisture		Solid	Percent Moisture	
Moisture		Solid	Percent Solids	

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8270D	TCLP Semivolatiles	SW846	TAL BUF
8081B	TCLP Pesticides	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
8151	TCLP Herbicides	SW846	TAL BUF
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471B	Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9034	Sulfide, Reactive	SW846	TAL BUF
9045D	pH	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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80567-1	West Monroe NY-Fortino Sample # 14	Solid	05/18/15 12:10	05/19/15 02:05
480-80567-2	West Monroe NY-Fortino Sample # 13	Solid	05/18/15 13:20	05/19/15 02:05
480-80567-3	West Monroe NY-Fortino Sample # 06	Solid	05/18/15 14:05	05/19/15 02:05
480-80567-4	West Monroe NY-Fortino Sample # 05	Solid	05/18/15 16:00	05/19/15 02:05

>>> Select a Laboratory <<<

TA - Buffalo, NY

#N/A

#N/A

#N/A

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: Tom Binsfeld		Site Contact: Tom Binsfeld		Date: 5/18/15		COC No:												
Tel/Fax: 518-577-9959 (cell)		Lab Contact: A. Massa		Carrier:		Sampler:		COCs												
1533 Crescent Rd		Analysis Turnaround Time				For Lab Use Only:														
Clifton Park, NY 12065		☐ CALENDAR DAYS ☒ WORKING DAYS				Walk-in Client:														
(518) 370-0799 Phone		TAT if different from Below				Lab Sampling:														
(518) 371-0822 FAX		☒ 2 weeks				Job / SDG No.:														
Project Name: Fortino Tire Site Investigation		☐ 1 week																		
Site: Fortino Tire Site Investigation		☐ 2 days																		
P O # (Project # 915.06)		☐ 1 day																		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample
West Monroe NY - Fortino Sample # 14	5/18	1210	Camp	Soil	6				X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 13	5/18	1320	Camp	Soil	6				X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 106	5/18	1405	Camp	Soil	6				X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 105	5/18	1600	Camp	Soil	6				X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #									X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #									X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #									X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #									X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #									X	X	X	X	X	X	X	X	X	X	X	
Preservation Used: Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other																				
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.																				
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown																				
Special Instructions/QC Requirements & Comments:																				
Custody Seals Intact: ☐ Yes ☐ No																				
Relinquished by: [Signature] Date/Time: 5/18/15 17:20																				
Relinquished by: [Signature] Date/Time: 5/18/15 19:00																				
Relinquished by: [Signature] Date/Time: 5/18/15 19:00																				

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013



Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80567-1

Login Number: 80567

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	N/A	
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	MJ ENGINEERING
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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-80997-1

Client Project/Site: Characterization Sample -West Monroe, NY

For:

MJ Engineering & Land Surveying PC

1533 Crescent Road

Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld



Authorized for release by:

6/8/2015 11:00:00 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com

LINKS

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results through

TotalAccess

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www.testamericainc.com

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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Job ID: 480-80997-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-80997-1

Receipt

The samples were received on 5/27/2015 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.0° C and 3.2° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3) and (LB 480-244697/1-A). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY_Fortino Sample #3 (480-80997-4), West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7), West Monroe NY_Fortino Sample #34 (480-80997-8), (480-80997-A-8-B MS) and (480-80997-A-8-B MSD). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

Method(s) 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY_Fortino Sample #52 (480-80997-2). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3) and West Monroe NY_Fortino Sample #34 (480-80997-8). Reagents:2022870,1848563 and 1931923

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

Metals

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-245405/34) for analytical batch 480-245405 contained Barium above the upper quality control limit. All reported TCLP samples associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3), West Monroe NY_Fortino Sample #3 (480-80997-4), West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7), West Monroe NY_Fortino Sample #34 (480-80997-8), (480-80997-A-7-D MS), (480-80997-A-7-E MSD), (480-80997-A-7-C PDS) and (480-80997-A-7-C SD ^) was not performed.

Method(s) 6010C: The TCLP leachate blank, LB 480-244694 for batch 480-244900 contained Lead above the reporting limit (RL). Associated sample(s) West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3), West Monroe NY_Fortino Sample #3 (480-80997-4), West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7) and West Monroe NY_Fortino Sample #34 (480-80997-8) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the TCLP leachate blank.

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-245405/46) for analytical batch 480-245405 contained Barium above the upper quality control limit. All reported TCLP samples associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7), West Monroe NY_Fortino Sample #34 (480-80997-8), (480-80997-A-7-D MS), (480-80997-A-7-E MSD), (480-80997-A-7-C PDS) and (480-80997-A-7-C SD ^) was not performed.

Case Narrative

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Job ID: 480-80997-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 6010C: The continuing calibration blank (CCB 480-245405/45) for analytical batch 480-245405 contained barium above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7), West Monroe NY_Fortino Sample #34 (480-80997-8), (480-80997-A-7-D MS), (480-80997-A-7-E MSD), (480-80997-A-7-C PDS) and (480-80997-A-7-C SD ^) was not performed.

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

General Chemistry

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe. West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3), West Monroe NY_Fortino Sample #3 (480-80997-4), West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7) and West Monroe NY_Fortino Sample #34 (480-80997-8)

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

Organic Prep

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

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #51

Lab Sample ID: 480-80997-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	23000		4300	1400	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	25000	p	4300	1800	ug/Kg	100		☒	8082A	Total/NA
Arsenic	0.0060	J	0.015	0.0056	mg/L	1			6010C	TCLP
Barium	5.0	^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.65		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	1.2	B	0.020	0.0030	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
pH	7.40	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #52

Lab Sample ID: 480-80997-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	25000		4200	1400	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	28000		4200	1800	ug/Kg	100		☒	8082A	Total/NA
Barium	6.3	^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.48		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	3.6	B	0.020	0.0030	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
pH	7.49	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #4

Lab Sample ID: 480-80997-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	19000		4300	1400	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	20000		4300	1800	ug/Kg	100		☒	8082A	Total/NA
Arsenic	0.0057	J	0.015	0.0056	mg/L	1			6010C	TCLP
Barium	5.4	^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.63		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.7	B	0.020	0.0030	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
pH	7.32	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #3

Lab Sample ID: 480-80997-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	36000		4800	1600	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	33000		4800	2100	ug/Kg	100		☒	8082A	Total/NA
Barium	4.9	^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.46		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.0	B	0.020	0.0030	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
pH	7.11	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #35

Lab Sample ID: 480-80997-5

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #35 (Continued)

Lab Sample ID: 480-80997-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	21000	J	24000	8000	ug/Kg	500	☼	8082A	Total/NA
Aroclor-1254	44000		24000	10000	ug/Kg	500	☼	8082A	Total/NA
Barium	4.6	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.76		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.6	B	0.020	0.0030	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
pH	7.03	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #7

Lab Sample ID: 480-80997-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	23000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	40000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	3.6	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.76		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.6	B	0.020	0.0030	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
pH	7.10	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #17

Lab Sample ID: 480-80997-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	33000		4800	1600	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	35000		4800	2000	ug/Kg	100	☼	8082A	Total/NA
Barium	3.7	^ F1	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.58		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.4	B	0.020	0.0030	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
pH	7.18	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #34

Lab Sample ID: 480-80997-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	22000		5600	1900	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	26000		5600	2400	ug/Kg	100	☼	8082A	Total/NA
Barium	6.0	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.37		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	5.4	B	0.020	0.0030	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
pH	7.22	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #51

Lab Sample ID: 480-80997-1

Date Collected: 05/26/15 10:15

Matrix: Solid

Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 08:25	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 08:25	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 08:25	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 08:25	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 08:25	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 08:25	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 08:25	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 08:25	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 08:25	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 08:25	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		05/30/15 08:25	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 08:25	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/30/15 08:25	10
Dibromofluoromethane (Surr)	100		60 - 140		05/30/15 08:25	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	✱	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1221	ND		4300	2100	ug/Kg	✱	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1232	ND		4300	2600	ug/Kg	✱	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1242	23000		4300	1400	ug/Kg	✱	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1248	ND		4300	1000	ug/Kg	✱	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1254	25000 p		4300	1800	ug/Kg	✱	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1260	ND		4300	1200	ug/Kg	✱	05/29/15 07:39	06/02/15 13:38	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	261	X	29 - 151	05/29/15 07:39	06/02/15 13:38	100
DCB Decachlorobiphenyl	327	p X	14 - 163	05/29/15 07:39	06/02/15 13:38	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0060	J	0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:10	1
Barium	5.0	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:10	1
Cadmium	0.65		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:10	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:10	1
Lead	1.2	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:10	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:10	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:10	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		05/28/15 11:30	05/28/15 15:19	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	7.40	HF	0.100	0.100	SU			05/27/15 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #52

Lab Sample ID: 480-80997-2

Date Collected: 05/26/15 11:00

Matrix: Solid

Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 08:53	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 08:53	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 08:53	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 08:53	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 08:53	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 08:53	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 08:53	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 08:53	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 08:53	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 08:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/30/15 08:53	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 08:53	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/30/15 08:53	10
Dibromofluoromethane (Surr)	101		60 - 140		05/30/15 08:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4200	1500	ug/Kg	✱	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1221	ND		4200	2000	ug/Kg	✱	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1232	ND		4200	2600	ug/Kg	✱	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1242	25000		4200	1400	ug/Kg	✱	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1248	ND		4200	1000	ug/Kg	✱	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1254	28000		4200	1800	ug/Kg	✱	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1260	ND		4200	1200	ug/Kg	✱	05/29/15 07:39	06/02/15 13:55	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	259	X	29 - 151	05/29/15 07:39	06/02/15 13:55	100
DCB Decachlorobiphenyl	248	p X	14 - 163	05/29/15 07:39	06/02/15 13:55	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:13	1
Barium	6.3	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:13	1
Cadmium	0.48		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:13	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:13	1
Lead	3.6	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:13	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:13	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:13	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		05/28/15 11:30	05/28/15 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	7.49	HF	0.100	0.100	SU			05/27/15 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #4

Lab Sample ID: 480-80997-3

Date Collected: 05/26/15 11:45

Matrix: Solid

Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 09:21	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 09:21	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 09:21	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 09:21	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 09:21	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 09:21	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 09:21	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 09:21	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 09:21	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 09:21	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/30/15 09:21	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 09:21	10
4-Bromofluorobenzene (Surr)	101		73 - 120		05/30/15 09:21	10
Dibromofluoromethane (Surr)	101		60 - 140		05/30/15 09:21	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	✱	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1221	ND		4300	2100	ug/Kg	✱	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1232	ND		4300	2600	ug/Kg	✱	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1242	19000		4300	1400	ug/Kg	✱	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1248	ND		4300	1000	ug/Kg	✱	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1254	20000		4300	1800	ug/Kg	✱	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1260	ND		4300	1200	ug/Kg	✱	05/29/15 07:39	06/02/15 14:11	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	208	X	29 - 151	05/29/15 07:39	06/02/15 14:11	100
DCB Decachlorobiphenyl	285	p X	14 - 163	05/29/15 07:39	06/02/15 14:11	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0057	J	0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:17	1
Barium	5.4	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:17	1
Cadmium	0.63		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:17	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:17	1
Lead	2.7	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:17	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:17	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:17	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		05/28/15 11:30	05/28/15 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	7.32	HF	0.100	0.100	SU			05/27/15 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #3

Lab Sample ID: 480-80997-4

Date Collected: 05/26/15 13:30

Matrix: Solid

Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 19:56	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 19:56	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 19:56	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 19:56	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 19:56	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 19:56	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 19:56	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 19:56	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 19:56	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 19:56	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		05/30/15 19:56	10
Toluene-d8 (Surr)	102		71 - 126		05/30/15 19:56	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/30/15 19:56	10
Dibromofluoromethane (Surr)	102		60 - 140		05/30/15 19:56	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4800	1800	ug/Kg	✱	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1221	ND		4800	2400	ug/Kg	✱	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1232	ND		4800	2900	ug/Kg	✱	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1242	36000		4800	1600	ug/Kg	✱	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1248	ND		4800	1200	ug/Kg	✱	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1254	33000		4800	2100	ug/Kg	✱	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1260	ND		4800	1300	ug/Kg	✱	05/29/15 07:39	06/02/15 14:27	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	462	X	29 - 151	05/29/15 07:39	06/02/15 14:27	100
DCB Decachlorobiphenyl	595	p X	14 - 163	05/29/15 07:39	06/02/15 14:27	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:20	1
Barium	4.9	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:20	1
Cadmium	0.46		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:20	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:20	1
Lead	2.0	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:20	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:20	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:20	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		05/28/15 11:30	05/28/15 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	7.11	HF	0.100	0.100	SU			05/27/15 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #35

Lab Sample ID: 480-80997-5

Date Collected: 05/26/15 14:10

Matrix: Solid

Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 20:23	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 20:23	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 20:23	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 20:23	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 20:23	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 20:23	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 20:23	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 20:23	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 20:23	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 20:23	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/30/15 20:23	10
Toluene-d8 (Surr)	102		71 - 126		05/30/15 20:23	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 20:23	10
Dibromofluoromethane (Surr)	100		60 - 140		05/30/15 20:23	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		24000	8700	ug/Kg	✱	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1221	ND		24000	12000	ug/Kg	✱	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1232	ND		24000	15000	ug/Kg	✱	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1242	21000	J	24000	8000	ug/Kg	✱	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1248	ND		24000	5800	ug/Kg	✱	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1254	44000		24000	10000	ug/Kg	✱	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1260	ND		24000	6500	ug/Kg	✱	05/29/15 07:39	06/02/15 14:44	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:39	06/02/15 14:44	500
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:39	06/02/15 14:44	500

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:31	1
Barium	4.6	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:31	1
Cadmium	0.76		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:31	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:31	1
Lead	3.6	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:31	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:31	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:31	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		05/28/15 11:30	05/28/15 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	7.03	HF	0.100	0.100	SU			05/27/15 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #7

Lab Sample ID: 480-80997-6

Date Collected: 05/26/15 14:35

Matrix: Solid

Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 20:51	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 20:51	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 20:51	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 20:51	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 20:51	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 20:51	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 20:51	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 20:51	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 20:51	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 20:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		05/30/15 20:51	10
Toluene-d8 (Surr)	103		71 - 126		05/30/15 20:51	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 20:51	10
Dibromofluoromethane (Surr)	102		60 - 140		05/30/15 20:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	✱	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1221	ND		4500	2200	ug/Kg	✱	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1232	ND		4500	2700	ug/Kg	✱	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1242	23000		4500	1500	ug/Kg	✱	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1248	ND		4500	1100	ug/Kg	✱	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1254	40000		4500	1900	ug/Kg	✱	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1260	ND		4500	1200	ug/Kg	✱	05/29/15 07:39	06/02/15 15:00	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	119	p	29 - 151	05/29/15 07:39	06/02/15 15:00	100
DCB Decachlorobiphenyl	433	p X	14 - 163	05/29/15 07:39	06/02/15 15:00	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:34	1
Barium	3.6	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:34	1
Cadmium	0.76		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:34	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:34	1
Lead	1.6	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:34	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:34	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:34	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		05/28/15 11:30	05/28/15 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	7.10	HF	0.100	0.100	SU			05/27/15 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #17

Lab Sample ID: 480-80997-7

Date Collected: 05/26/15 15:25

Matrix: Solid

Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 21:18	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 21:18	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 21:18	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 21:18	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 21:18	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 21:18	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 21:18	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 21:18	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 21:18	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 21:18	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		05/30/15 21:18	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 21:18	10
4-Bromofluorobenzene (Surr)	98		73 - 120		05/30/15 21:18	10
Dibromofluoromethane (Surr)	101		60 - 140		05/30/15 21:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4800	1700	ug/Kg	✱	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1221	ND		4800	2300	ug/Kg	✱	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1232	ND		4800	2900	ug/Kg	✱	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1242	33000		4800	1600	ug/Kg	✱	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1248	ND		4800	1200	ug/Kg	✱	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1254	35000		4800	2000	ug/Kg	✱	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1260	ND		4800	1300	ug/Kg	✱	05/29/15 07:39	06/02/15 15:16	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	477	X	29 - 151	05/29/15 07:39	06/02/15 15:16	100
DCB Decachlorobiphenyl	260	p X	14 - 163	05/29/15 07:39	06/02/15 15:16	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:38	1
Barium	3.7	^ F1	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:38	1
Cadmium	0.58		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:38	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:38	1
Lead	1.4	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:38	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:38	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:38	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		05/28/15 11:30	05/28/15 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	7.18	HF	0.100	0.100	SU			05/27/15 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #34

Lab Sample ID: 480-80997-8

Date Collected: 05/26/15 16:10

Matrix: Solid

Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 21:45	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 21:45	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 21:45	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 21:45	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 21:45	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 21:45	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 21:45	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 21:45	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 21:45	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 21:45	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/30/15 21:45	10
Toluene-d8 (Surr)	102		71 - 126		05/30/15 21:45	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 21:45	10
Dibromofluoromethane (Surr)	101		60 - 140		05/30/15 21:45	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		5600	2000	ug/Kg	✱	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1221	ND		5600	2700	ug/Kg	✱	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1232	ND		5600	3400	ug/Kg	✱	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1242	22000		5600	1900	ug/Kg	✱	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1248	ND		5600	1300	ug/Kg	✱	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1254	26000		5600	2400	ug/Kg	✱	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1260	ND		5600	1500	ug/Kg	✱	05/29/15 07:39	06/02/15 15:33	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	183	X	29 - 151	05/29/15 07:39	06/02/15 15:33	100
DCB Decachlorobiphenyl	80	p	14 - 163	05/29/15 07:39	06/02/15 15:33	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:53	1
Barium	6.0	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:53	1
Cadmium	0.37		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:53	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:53	1
Lead	5.4	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:53	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:53	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:53	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		05/28/15 11:30	05/28/15 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	7.22	HF	0.100	0.100	SU			05/27/15 15:20	1

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 8260C - TCLP Volatiles

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 480-245273/4	Lab Control Sample	99	102	101	101
LCS 480-245321/4	Lab Control Sample	95	101	102	100
MB 480-245273/6	Method Blank	100	101	99	102
MB 480-245321/6	Method Blank	97	102	99	99
Surrogate Legend					
12DCE = 1,2-Dichloroethane-d4 (Surr)					
TOL = Toluene-d8 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					

Method: 8260C - TCLP Volatiles

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)
480-80997-1	West Monroe NY_Fortino Samp	100	101	99	100
480-80997-2	West Monroe NY_Fortino Sample #52	99	101	99	101
480-80997-3	West Monroe NY_Fortino Sample #4	99	101	101	101
480-80997-4	West Monroe NY_Fortino Sample #3	101	102	99	102
480-80997-5	West Monroe NY_Fortino Sample #35	99	102	100	100
480-80997-6	West Monroe NY_Fortino Sample #7	101	103	100	102
480-80997-7	West Monroe NY_Fortino Sample #17	100	101	98	101
480-80997-8	West Monroe NY_Fortino Sample #34	99	102	100	101
480-80997-8 MS	West Monroe NY_Fortino Sample #34	97	103	103	100
480-80997-8 MSD	West Monroe NY_Fortino Sample #34	95	101	101	100
LB 480-244697/1-A	Method Blank	99	101	100	101
Surrogate Legend					
12DCE = 1,2-Dichloroethane-d4 (Surr)					
TOL = Toluene-d8 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (29-151)	DCB1 (14-163)
480-80997-1	West Monroe NY_Fortino Samp	261 X	327 p X

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (29-151)	DCB1 (14-163)
480-80997-2	West Monroe NY_Fortino Sampl	259 X	248 p X
480-80997-3	West Monroe NY_Fortino Sample #4	208 X	285 p X
480-80997-4	West Monroe NY_Fortino Sample #3	462 X	595 p X
480-80997-5	West Monroe NY_Fortino Sample #35	0 X	0 X
480-80997-6	West Monroe NY_Fortino Sample #7	119 p	433 p X
480-80997-7	West Monroe NY_Fortino Sample #17	477 X	260 p X
480-80997-8	West Monroe NY_Fortino Sample #34	183 X	80 p
LCS 240-182832/24-A	Lab Control Sample	75	108
MB 240-182832/23-A	Method Blank	60	96
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-245273/6

Matrix: Solid

Analysis Batch: 245273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/30/15 01:00	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/30/15 01:00	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/30/15 01:00	1
Chloroform	ND		0.0010	0.00034	mg/L			05/30/15 01:00	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/30/15 01:00	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/30/15 01:00	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/30/15 01:00	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/30/15 01:00	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/30/15 01:00	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/30/15 01:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		05/30/15 01:00	1
Toluene-d8 (Surr)	101		71 - 126		05/30/15 01:00	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/30/15 01:00	1
Dibromofluoromethane (Surr)	102		60 - 140		05/30/15 01:00	1

Lab Sample ID: LCS 480-245273/4

Matrix: Solid

Analysis Batch: 245273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0262		mg/L		105	71 - 124
Chlorobenzene	0.0250	0.0264		mg/L		106	72 - 120
1,2-Dichloroethane	0.0250	0.0247		mg/L		99	75 - 127
1,1-Dichloroethene	0.0250	0.0262		mg/L		105	58 - 121
Tetrachloroethene	0.0250	0.0274		mg/L		110	74 - 122
Trichloroethene	0.0250	0.0262		mg/L		105	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	101		60 - 140

Lab Sample ID: MB 480-245321/6

Matrix: Solid

Analysis Batch: 245321

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/30/15 13:27	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/30/15 13:27	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/30/15 13:27	1
Chloroform	ND		0.0010	0.00034	mg/L			05/30/15 13:27	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/30/15 13:27	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/30/15 13:27	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/30/15 13:27	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: MB 480-245321/6

Matrix: Solid

Analysis Batch: 245321

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/30/15 13:27	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/30/15 13:27	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/30/15 13:27	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137					05/30/15 13:27	1
Toluene-d8 (Surr)	102		71 - 126					05/30/15 13:27	1
4-Bromofluorobenzene (Surr)	99		73 - 120					05/30/15 13:27	1
Dibromofluoromethane (Surr)	99		60 - 140					05/30/15 13:27	1

Lab Sample ID: LCS 480-245321/4

Matrix: Solid

Analysis Batch: 245321

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0243		mg/L		97	71 - 124
Chlorobenzene	0.0250	0.0251		mg/L		100	72 - 120
1,2-Dichloroethane	0.0250	0.0232		mg/L		93	75 - 127
1,1-Dichloroethene	0.0250	0.0246		mg/L		98	58 - 121
Tetrachloroethene	0.0250	0.0260		mg/L		104	74 - 122
Trichloroethene	0.0250	0.0247		mg/L		99	74 - 123
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	95		66 - 137				
Toluene-d8 (Surr)	101		71 - 126				
4-Bromofluorobenzene (Surr)	102		73 - 120				
Dibromofluoromethane (Surr)	100		60 - 140				

Lab Sample ID: LB 480-244697/1-A

Matrix: Solid

Analysis Batch: 245273

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 05:10	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 05:10	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 05:10	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 05:10	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 05:10	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 05:10	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 05:10	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 05:10	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 05:10	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 05:10	10
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137					05/30/15 05:10	10
Toluene-d8 (Surr)	101		71 - 126					05/30/15 05:10	10

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-244697/1-A

Matrix: Solid

Analysis Batch: 245273

Client Sample ID: Method Blank

Prep Type: TCLP

Surrogate	LB LB %Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 05:10	10
Dibromofluoromethane (Surr)	101		60 - 140		05/30/15 05:10	10

Lab Sample ID: 480-80997-8 MS

Matrix: Solid

Analysis Batch: 245321

Client Sample ID: West Monroe NY_Fortino Sample #34

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.250	0.251		mg/L		100	71 - 124
Chlorobenzene	ND		0.250	0.255		mg/L		102	72 - 120
1,2-Dichloroethane	ND		0.250	0.234		mg/L		94	75 - 127
1,1-Dichloroethene	ND		0.250	0.253		mg/L		101	58 - 121
Tetrachloroethene	ND		0.250	0.262		mg/L		105	74 - 122
Trichloroethene	ND		0.250	0.243		mg/L		97	74 - 123

Surrogate	MS MS %Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	103		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120
Dibromofluoromethane (Surr)	100		60 - 140

Lab Sample ID: 480-80997-8 MSD

Matrix: Solid

Analysis Batch: 245321

Client Sample ID: West Monroe NY_Fortino Sample #34

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.250	0.244		mg/L		98	71 - 124	3	13
Chlorobenzene	ND		0.250	0.246		mg/L		98	72 - 120	4	25
1,2-Dichloroethane	ND		0.250	0.221		mg/L		89	75 - 127	6	20
1,1-Dichloroethene	ND		0.250	0.244		mg/L		98	58 - 121	4	16
Tetrachloroethene	ND		0.250	0.251		mg/L		100	74 - 122	5	20
Trichloroethene	ND		0.250	0.234		mg/L		94	74 - 123	4	16

Surrogate	MSD MSD %Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	100		60 - 140

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

Lab Sample ID: MB 240-182832/23-A

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 182832

Analyte	MB MB Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:39	06/02/15 17:27	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

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

Lab Sample ID: MB 240-182832/23-A

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 182832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		29 - 151	05/29/15 07:39	06/02/15 17:27	1
DCB Decachlorobiphenyl	96		14 - 163	05/29/15 07:39	06/02/15 17:27	1

Lab Sample ID: LCS 240-182832/24-A

Matrix: Solid

Analysis Batch: 183251

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 182832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	272		ug/Kg		82	62 - 120
Aroclor-1260	333	330		ug/Kg		99	56 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	75		29 - 151
DCB Decachlorobiphenyl	108		14 - 163

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244900/2-A

Matrix: Solid

Analysis Batch: 245405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:37	1
Barium	ND		1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:37	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:37	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:37	1
Lead	ND		0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:37	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:37	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:37	1

Lab Sample ID: LCS 480-244900/3-A

Matrix: Solid

Analysis Batch: 245405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.10		mg/L		110	80 - 120
Barium	1.00	1.04		mg/L		104	80 - 120
Cadmium	1.00	1.05		mg/L		105	80 - 120
Chromium	1.00	0.970		mg/L		97	80 - 120
Lead	1.00	1.03		mg/L		103	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: LCS 480-244900/3-A
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	1.00	1.12		mg/L		112	80 - 120
Silver	1.00	1.09		mg/L		109	80 - 120

Lab Sample ID: LB 480-244694/1-B
Matrix: Solid
Analysis Batch: 245469

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244900

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	06/01/15 11:50	1
Barium	ND		1.0	0.10	mg/L		05/28/15 10:58	06/01/15 11:50	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/15 10:58	06/01/15 11:50	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	06/01/15 11:50	1
Lead	0.0236		0.020	0.0030	mg/L		05/28/15 10:58	06/01/15 11:50	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	06/01/15 11:50	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	06/01/15 11:50	1

Lab Sample ID: 480-80997-7 MS
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: West Monroe NY_Fortino Sample #17
Prep Type: TCLP
Prep Batch: 244900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.01		mg/L		101	75 - 125
Barium	3.7	^ F1	1.00	4.35	^ F1	mg/L		70	75 - 125
Cadmium	0.58		1.00	1.53		mg/L		95	75 - 125
Chromium	ND		1.00	0.862		mg/L		86	75 - 125
Lead	1.4	B	1.00	2.30		mg/L		87	75 - 125
Selenium	ND		1.00	1.05		mg/L		105	75 - 125
Silver	ND		1.00	1.01		mg/L		101	75 - 125

Lab Sample ID: 480-80997-7 MSD
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: West Monroe NY_Fortino Sample #17
Prep Type: TCLP
Prep Batch: 244900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	ND		1.00	1.08		mg/L		108	75 - 125	6	20
Barium	3.7	^ F1	1.00	4.61	^	mg/L		96	75 - 125	6	20
Cadmium	0.58		1.00	1.63		mg/L		105	75 - 125	7	20
Chromium	ND		1.00	0.931		mg/L		93	75 - 125	8	20
Lead	1.4	B	1.00	2.44		mg/L		101	75 - 125	6	20
Selenium	ND		1.00	1.10		mg/L		110	75 - 125	5	20
Silver	ND		1.00	1.08		mg/L		108	75 - 125	6	20

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244919/2-A
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244919

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:05	1

Lab Sample ID: LCS 480-244919/3-A
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00615		mg/L		92	80 - 120

Lab Sample ID: LB 480-244694/1-C
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:03	1

Lab Sample ID: 480-80997-7 MS
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: West Monroe NY_Fortino Sample #17
Prep Type: TCLP
Prep Batch: 244919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00560		mg/L		84	80 - 120

Lab Sample ID: 480-80997-7 MSD
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: West Monroe NY_Fortino Sample #17
Prep Type: TCLP
Prep Batch: 244919

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00555		mg/L		83	80 - 120	1	20

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

Lab Sample ID: LCS 480-246681/1
Matrix: Solid
Analysis Batch: 246681

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Lab Sample ID: 480-80997-4 DU
Matrix: Solid
Analysis Batch: 246681

Client Sample ID: West Monroe NY_Fortino Sample #3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>176.0		>176.0		Degrees F		NC	10

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 9045D - pH

Lab Sample ID: LCS 480-244778/1

Matrix: Solid

Analysis Batch: 244778

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.970		SU		100	99 - 101

Lab Sample ID: 480-80997-1 DU

Matrix: Solid

Analysis Batch: 244778

Client Sample ID: West Monroe NY_Fortino Sample #51

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.40	HF	7.460		SU		0.8	5

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

GC/MS VOA

Leach Batch: 244697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	1311	
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	1311	
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	1311	
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	1311	
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	1311	
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	1311	
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	1311	
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	1311	
480-80997-8 MS	West Monroe NY_Fortino Sample #34	TCLP	Solid	1311	
480-80997-8 MSD	West Monroe NY_Fortino Sample #34	TCLP	Solid	1311	
LB 480-244697/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 245273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	8260C	244697
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	8260C	244697
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	8260C	244697
LB 480-244697/1-A	Method Blank	TCLP	Solid	8260C	244697
LCS 480-245273/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-245273/6	Method Blank	Total/NA	Solid	8260C	

Analysis Batch: 245321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	8260C	244697
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	8260C	244697
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	8260C	244697
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	8260C	244697
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	8260C	244697
480-80997-8 MS	West Monroe NY_Fortino Sample #34	TCLP	Solid	8260C	244697
480-80997-8 MSD	West Monroe NY_Fortino Sample #34	TCLP	Solid	8260C	244697
LCS 480-245321/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-245321/6	Method Blank	Total/NA	Solid	8260C	

GC Semi VOA

Prep Batch: 182832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	3540C	
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	3540C	
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	3540C	
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	3540C	
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	3540C	
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	3540C	
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	3540C	
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	3540C	
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182832/23-A	Method Blank	Total/NA	Solid	3540C	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

GC Semi VOA (Continued)

Analysis Batch: 183251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	8082A	182832
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	8082A	182832
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	8082A	182832
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	8082A	182832
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	8082A	182832
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	8082A	182832
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	8082A	182832
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	8082A	182832
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	8082A	182832
MB 240-182832/23-A	Method Blank	Total/NA	Solid	8082A	182832

Metals

Leach Batch: 244694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	1311	
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	1311	
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	1311	
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	1311	
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	1311	
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	1311	
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	1311	
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	1311	
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	1311	
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	1311	
LB 480-244694/1-B	Method Blank	TCLP	Solid	1311	
LB 480-244694/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 244900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	3010A	244694
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	3010A	244694
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	3010A	244694
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	3010A	244694
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	3010A	244694
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	3010A	244694
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	3010A	244694
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	3010A	244694
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	3010A	244694
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	3010A	244694
LB 480-244694/1-B	Method Blank	TCLP	Solid	3010A	244694
LCS 480-244900/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244900/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 244919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	7470A	244694
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	7470A	244694
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	7470A	244694
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	7470A	244694

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Metals (Continued)

Prep Batch: 244919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	7470A	244694
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	7470A	244694
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244694
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244694
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244694
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	7470A	244694
LB 480-244694/1-C	Method Blank	TCLP	Solid	7470A	244694
LCS 480-244919/3-A	Lab Control Sample	Total/NA	Solid	7470A	244694
MB 480-244919/2-A	Method Blank	Total/NA	Solid	7470A	244694

Analysis Batch: 244984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	7470A	244919
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	7470A	244919
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	7470A	244919
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	7470A	244919
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	7470A	244919
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	7470A	244919
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244919
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244919
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244919
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	7470A	244919
LB 480-244694/1-C	Method Blank	TCLP	Solid	7470A	244919
LCS 480-244919/3-A	Lab Control Sample	Total/NA	Solid	7470A	244919
MB 480-244919/2-A	Method Blank	Total/NA	Solid	7470A	244919

Analysis Batch: 245405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	6010C	244900
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	6010C	244900
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	6010C	244900
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	6010C	244900
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	6010C	244900
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	6010C	244900
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	6010C	244900
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	6010C	244900
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	6010C	244900
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	6010C	244900
LCS 480-244900/3-A	Lab Control Sample	Total/NA	Solid	6010C	244900
MB 480-244900/2-A	Method Blank	Total/NA	Solid	6010C	244900

Analysis Batch: 245469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-244694/1-B	Method Blank	TCLP	Solid	6010C	244900

General Chemistry

Analysis Batch: 244730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	Moisture	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

General Chemistry (Continued)

Analysis Batch: 244730 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	Moisture	
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	Moisture	
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	Moisture	
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	Moisture	
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	Moisture	
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	Moisture	
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	Moisture	

Analysis Batch: 244778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	9045D	
480-80997-1 DU	West Monroe NY_Fortino Sample #51	Total/NA	Solid	9045D	
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	9045D	
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	9045D	
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	9045D	
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	9045D	
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	9045D	
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	9045D	
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	9045D	
LCS 480-244778/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 246681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	1010A	
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	1010A	
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	1010A	
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	1010A	
480-80997-4 DU	West Monroe NY_Fortino Sample #3	Total/NA	Solid	1010A	
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	1010A	
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	1010A	
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	1010A	
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	1010A	
LCS 480-246681/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #51

Lab Sample ID: 480-80997-1

Date Collected: 05/26/15 10:15

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 08:25	EDB	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 13:38	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:10	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:19	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #52

Lab Sample ID: 480-80997-2

Date Collected: 05/26/15 11:00

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 08:53	EDB	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 13:55	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:13	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:24	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #4

Lab Sample ID: 480-80997-3

Date Collected: 05/26/15 11:45

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 09:21	EDB	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 14:11	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #4

Lab Sample ID: 480-80997-3

Date Collected: 05/26/15 11:45

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:17	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:26	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #3

Lab Sample ID: 480-80997-4

Date Collected: 05/26/15 13:30

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 19:56	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 14:27	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:20	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:27	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #35

Lab Sample ID: 480-80997-5

Date Collected: 05/26/15 14:10

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 20:23	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		500	183251	06/02/15 14:44	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:31	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:29	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #35

Lab Sample ID: 480-80997-5

Date Collected: 05/26/15 14:10

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #7

Lab Sample ID: 480-80997-6

Date Collected: 05/26/15 14:35

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 20:51	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 15:00	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:34	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:30	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #17

Lab Sample ID: 480-80997-7

Date Collected: 05/26/15 15:25

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 21:18	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 15:16	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:38	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:32	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #34

Lab Sample ID: 480-80997-8

Date Collected: 05/26/15 16:10

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 21:45	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 15:33	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:53	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:39	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Laboratory References:

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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16
The following analytes are included in this report, but certification is not offered by the governing authority:				
Analysis Method	Prep Method	Matrix	Analyte	
7470A	7470A	Solid	Mercury	
Moisture		Solid	Percent Moisture	
Moisture		Solid	Percent Solids	

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9045D	pH	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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80997-1	West Monroe NY_Fortino Sample #51	Solid	05/26/15 10:15	05/27/15 09:15
480-80997-2	West Monroe NY_Fortino Sample #52	Solid	05/26/15 11:00	05/27/15 09:15
480-80997-3	West Monroe NY_Fortino Sample #4	Solid	05/26/15 11:45	05/27/15 09:15
480-80997-4	West Monroe NY_Fortino Sample #3	Solid	05/26/15 13:30	05/27/15 09:15
480-80997-5	West Monroe NY_Fortino Sample #35	Solid	05/26/15 14:10	05/27/15 09:15
480-80997-6	West Monroe NY_Fortino Sample #7	Solid	05/26/15 14:35	05/27/15 09:15
480-80997-7	West Monroe NY_Fortino Sample #17	Solid	05/26/15 15:25	05/27/15 09:15
480-80997-8	West Monroe NY_Fortino Sample #34	Solid	05/26/15 16:10	05/27/15 09:15

>>> Select a Laboratory <<<

TA - Buffalo, NY

#N/A

#N/A

#N/A

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: Tom Binsfeld		Site Contact: Tom Binsfeld		Date: 12/15/15		COC No: 1 of 1	
Tel/Fax: 518-577-9959 (cell)		Lab Contact: A. Massa		Carrier:		Sampler:		COCs	
1533 Crescent Rd		Analysis Turnaround Time		TAT if different from Below		For Lab Use Only:		Walk-in Client:	
(518) 370-0799		CALENDAR DAYS		☒ WORKING DAYS		Lab Sampling:		Job / SDG No.:	
(518) 371-0822		TAT		2 weeks		Ignitability		Sample Specific Notes:	
Project Name: Fortino Tire Site Investigation		1 week		☐		VOC			
Site: Fortino Tire Site Investigation		2 days		☐		SVOC			
P O # (Project # 915.06)		1 day		☐		TCLP (Metals)			
Sample Identification		Sample Date	Sample Time	Sample Type (O=Comp, G=Grab)	Matrix	# of Cont.	Perform MS / MSD (Y / N)	Filtered Sample (Y / N)	
West Monroe NY - Fortino Sample # 51	5/26	1015	Comp	Soil	6		X	X	
West Monroe NY - Fortino Sample # 52	5/26	1100	Comp	Soil	6		X	X	
West Monroe NY - Fortino Sample # 4	5/26	1145	Comp	Soil	6		X	X	
West Monroe NY - Fortino Sample # 3	5/26	1330	Comp	Soil	6		X	X	
West Monroe NY - Fortino Sample # 35	5/26	1410	Comp	Soil	6		X	X	
West Monroe NY - Fortino Sample # 7	5/26	1435	Comp	Soil	6		X	X	
West Monroe NY - Fortino Sample # 17	5/26	1525	Comp	Soil	6		X	X	
Fortino # 37	5/26	1610	Comp	Soil	6		X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☒ Unknown Special Instructions/QC Requirements & Comments: Sample Disposal (A fee may be assessed if...) ☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months Barcode: 480-80997 Chain of Custody									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:	
Relinquished by: [Signature]		Company: MTA Engineering		Date/Time: 5/26/15 1730		Received by: [Signature]		Company: [Signature]	
Relinquished by: [Signature]		Company: Syra 5-26-15		Date/Time: 19:00		Received by: [Signature]		Company: TABS	
Relinquished by: [Signature]		Company:		Date/Time:		Received in Laboratory by:		Company:	

FFI 3.2 13.0

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab) Client Contact: _____ Shipping/Receiving: _____ Company: TestAmerica Laboratories, Inc. Address: 4101 Shuffel Street NW, City: North Canton State, Zip: OH, 44720 Phone: 330-497-9396(Tel) 330-497-0772(Fax) Email: _____ Project Name: Characterization Sample -West Monroe, NY Site: _____		Sampler: _____ Lab P/N: Deyo, Melissa L Phone: _____ E-Mail: melissa.deyo@testamericainc.com		Carrier Tracking No(s): _____ COC No: 480-24327.1 Page: Page 1 of 1 Job #: 480-80997-1																																																																																											
Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: _____ M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylhydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify) _____																																																																																															
Sample Identification - Client ID (Lab ID) <table border="1"> <thead> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=oil, B=soil)</th> <th>Field Filtered Sample (Yes or No)</th> <th>8082A/3540C PCBs</th> <th>Preservation Code</th> <th>Total Number of Containers</th> <th>Special Instructions (Note):</th> </tr> </thead> <tbody> <tr> <td>West Monroe NY_Fortino Sample #51 (480-80997-1)</td> <td>5/26/15</td> <td>10:15 Eastern</td> <td>Solid</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>West Monroe NY_Fortino Sample #52 (480-80997-2)</td> <td>5/26/15</td> <td>11:00 Eastern</td> <td>Solid</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>West Monroe NY_Fortino Sample #4 (480-80997-3)</td> <td>5/26/15</td> <td>11:45 Eastern</td> <td>Solid</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>West Monroe NY_Fortino Sample #3 (480-80997-4)</td> <td>5/26/15</td> <td>13:30 Eastern</td> <td>Solid</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>West Monroe NY_Fortino Sample #35 (480-80997-5)</td> <td>5/26/15</td> <td>14:10 Eastern</td> <td>Solid</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>West Monroe NY_Fortino Sample #7 (480-80997-6)</td> <td>5/26/15</td> <td>14:35 Eastern</td> <td>Solid</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>West Monroe NY_Fortino Sample #17 (480-80997-7)</td> <td>5/26/15</td> <td>15:25 Eastern</td> <td>Solid</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>West Monroe NY_Fortino Sample #34 (480-80997-8)</td> <td>5/26/15</td> <td>16:10 Eastern</td> <td>Solid</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> </tbody> </table>						Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oil, B=soil)	Field Filtered Sample (Yes or No)	8082A/3540C PCBs	Preservation Code	Total Number of Containers	Special Instructions (Note):	West Monroe NY_Fortino Sample #51 (480-80997-1)	5/26/15	10:15 Eastern	Solid	Solid	X	X		1		West Monroe NY_Fortino Sample #52 (480-80997-2)	5/26/15	11:00 Eastern	Solid	Solid	X	X		1		West Monroe NY_Fortino Sample #4 (480-80997-3)	5/26/15	11:45 Eastern	Solid	Solid	X	X		1		West Monroe NY_Fortino Sample #3 (480-80997-4)	5/26/15	13:30 Eastern	Solid	Solid	X	X		1		West Monroe NY_Fortino Sample #35 (480-80997-5)	5/26/15	14:10 Eastern	Solid	Solid	X	X		1		West Monroe NY_Fortino Sample #7 (480-80997-6)	5/26/15	14:35 Eastern	Solid	Solid	X	X		1		West Monroe NY_Fortino Sample #17 (480-80997-7)	5/26/15	15:25 Eastern	Solid	Solid	X	X		1		West Monroe NY_Fortino Sample #34 (480-80997-8)	5/26/15	16:10 Eastern	Solid	Solid	X	X		1	
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Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____																																																																																															
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements: _____																																																																																															
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____ Relinquished by: <i>Edmon Wallace</i> Date/Time: 5/27/15 17:00 TAB Company: <i>Lance Holt</i> Relinquished by: _____ Date/Time: _____ Company: _____ Relinquished by: _____ Date/Time: _____ Company: _____ Custody Seal Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____ Δ Yes Δ No																																																																																															

TestAmerica Canton Sample Receipt Form/Narrative				Login # : _____	
Canton Facility					
Client <u>TH BUFFALO</u>		Site Name _____		Cooler unpacked by: <u>Lance Hurl</u>	
Cooler Received on <u>5-28-15</u>		Opened on <u>5-28-15</u>			
FedEx: 1 st Grd Exp <u>UPS</u> FAS Stetson Client Drop Off TestAmerica Courier Other _____					
Receipt After-hours: Drop-off Date/Time _____				Storage Location _____	
TestAmerica Cooler # <u>TH</u>		Foam Box _____		Client Cooler Box _____ Other _____	
Packing material used: <u>Bubble Wrap</u>		Foam <u>Plastic Bag</u>		None _____ Other _____	
COOLANT: <u>Wet Ice</u>		Blue Ice _____		Dry Ice _____ Water _____ None _____	
1. Cooler temperature upon receipt					
IR GUN# A (CF +4.0 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
IR GUN# 4 (CF +0.5 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
IR GUN# 5 (CF +0.4 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
IR GUN# 8 (CF -1.2 °C)		Observed Cooler Temp. <u>3.2</u> °C		Corrected Cooler Temp. <u>2.0</u> °C	
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes <u>No</u>					
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No <u>NA</u>					
-Were custody seals on the bottle(s)? Yes <u>No</u>					
3. Shippers' packing slip attached to the cooler(s)? <u>Yes</u> No					
4. Did custody papers accompany the sample(s)? <u>Yes</u> No					
5. Were the custody papers relinquished & signed in the appropriate place? <u>Yes</u> No					
6. Was/were the sampler(s) clearly identified on the COC? <u>Yes</u> No					
7. Did all bottles arrive in good condition (Unbroken)? <u>Yes</u> No					
8. Could all bottle labels be reconciled with the COC? <u>Yes</u> No					
9. Were correct bottle(s) used for the test(s) indicated? <u>Yes</u> No					
10. Sufficient quantity received to perform indicated analyses? <u>Yes</u> No					
11. Were sample(s) at the correct pH upon receipt? Yes No <u>NA</u> pH Strip Lot# <u>HC432654</u>					
12. Were VOAs on the COC? Yes No <u>NA</u>					
13. Were air bubbles >6 mm in any VOA vials? Yes No <u>NA</u>					
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes <u>No</u>					
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____					
Concerning _____					

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES 	Samples processed by: _____
15. SAMPLE CONDITION Sample(s) _____ were received after the recommended holding time had expired. Sample(s) _____ were received in a broken container. Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)	
16. SAMPLE PRESERVATION Sample(s) _____ were further preserved in the laboratory. Time preserved: _____ Preservative(s) added/Lot number(s): _____	

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80997-1

Login Number: 80997

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	N/A	
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	MJ ENGINEERING
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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-80908-1

Client Project/Site: Characterization Sample -West Monroe, NY

For:

MJ Engineering & Land Surveying PC

1533 Crescent Road

Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld



Authorized for release by:

6/11/2015 7:19:24 PM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com

LINKS

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results through

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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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Job ID: 480-80908-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-80908-1

Receipt

The samples were received on 5/23/2015 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.3° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4), West Monroe NY_Fortino Sample #22 (480-80908-5) and (LB 480-244697/1-A). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4), West Monroe NY_Fortino Sample #22 (480-80908-5), (480-80908-E-5-B MS) and (480-80908-E-5-C MSD). Reagents:2022870,1848563 and 1931923

Method(s) 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5). Reagents:2022870,1848563 and 1931923

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #43 (480-80908-1) and West Monroe NY_Fortino Sample #55 (480-80908-2). Reagents:2022870,1848563 and 1931923

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5). Reagents: 2022870, 1848564, 1931921

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

Metals

Method(s) 6010C: The TCLP leachate blank, LB 480-244694 for batch 480-244900 contained Lead above the reporting limit (RL). Associated sample(s) West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the TCLP leachate blank.

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-245405/34) for analytical batch 480-245405 contained Barium above the upper quality control limit. All reported TCLP samples associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5) was not performed.

Case Narrative

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Job ID: 480-80908-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

General Chemistry

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe. West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5)

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

Organic Prep

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

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #43

Lab Sample ID: 480-80908-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	6100		4200	1400	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	9900		4200	1800	ug/Kg	100		☒	8082A	Total/NA
Barium	3.1		1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.79		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	3.4	B	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	0.00012	J	0.00020	0.00012	mg/L	1			7470A	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
pH	7.41	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #55

Lab Sample ID: 480-80908-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	6900		4400	1500	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	8400		4400	1800	ug/Kg	100		☒	8082A	Total/NA
Barium	4.5	^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.38		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.1	B	0.020	0.0030	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
pH	7.12	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #54

Lab Sample ID: 480-80908-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	61000		4300	1400	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	43000		4300	1800	ug/Kg	100		☒	8082A	Total/NA
Arsenic	0.0059	J	0.015	0.0056	mg/L	1			6010C	TCLP
Barium	5.1	^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.44		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.8	B	0.020	0.0030	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
pH	7.15	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #53

Lab Sample ID: 480-80908-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	20000		4500	1500	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	33000		4500	1900	ug/Kg	100		☒	8082A	Total/NA
Barium	6.7	^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.51		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	6.3	B	0.020	0.0030	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
pH	6.99	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #22

Lab Sample ID: 480-80908-5

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #22
(Continued)

Lab Sample ID: 480-80908-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	14000		6900	2300	ug/Kg	100		☼	8082A	Total/NA
Aroclor-1254	19000		6900	2900	ug/Kg	100		☼	8082A	Total/NA
Barium	6.7	^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.53		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	6.3	B	0.020	0.0030	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
pH	6.99	HF	0.100	0.100	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #43

Lab Sample ID: 480-80908-1

Date Collected: 05/22/15 07:55

Matrix: Solid

Date Received: 05/23/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 05:38	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 05:38	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 05:38	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 05:38	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 05:38	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 05:38	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 05:38	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 05:38	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 05:38	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 05:38	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		05/30/15 05:38	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 05:38	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 05:38	10
Dibromofluoromethane (Surr)	100		60 - 140		05/30/15 05:38	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4200	1500	ug/Kg	✱	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1221	ND		4200	2100	ug/Kg	✱	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1232	ND		4200	2600	ug/Kg	✱	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1242	6100		4200	1400	ug/Kg	✱	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1248	ND		4200	1000	ug/Kg	✱	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1254	9900		4200	1800	ug/Kg	✱	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1260	ND		4200	1200	ug/Kg	✱	06/09/15 09:48	06/10/15 23:43	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	06/09/15 09:48	06/10/15 23:43	100
DCB Decachlorobiphenyl	0	X	14 - 163	06/09/15 09:48	06/10/15 23:43	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:43	1
Barium	3.1		1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:43	1
Cadmium	0.79		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:43	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:43	1
Lead	3.4 B		0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:43	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:43	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:43	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.41	HF	0.100	0.100	SU			05/26/15 13:05	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #55

Lab Sample ID: 480-80908-2

Date Collected: 05/22/15 08:45

Matrix: Solid

Date Received: 05/23/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 06:06	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 06:06	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 06:06	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 06:06	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 06:06	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 06:06	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 06:06	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 06:06	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 06:06	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 06:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		05/30/15 06:06	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 06:06	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 06:06	10
Dibromofluoromethane (Surr)	100		60 - 140		05/30/15 06:06	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	✱	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1221	ND		4400	2100	ug/Kg	✱	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1232	ND		4400	2600	ug/Kg	✱	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1242	6900		4400	1500	ug/Kg	✱	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1248	ND		4400	1100	ug/Kg	✱	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1254	8400		4400	1800	ug/Kg	✱	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1260	ND		4400	1200	ug/Kg	✱	06/09/15 09:48	06/11/15 00:02	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	06/09/15 09:48	06/11/15 00:02	100
DCB Decachlorobiphenyl	0	X	14 - 163	06/09/15 09:48	06/11/15 00:02	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:55	1
Barium	4.5	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:55	1
Cadmium	0.38		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:55	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:55	1
Lead	2.1	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:55	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:55	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:55	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		05/28/15 11:30	05/28/15 15:10	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.12	HF	0.100	0.100	SU			05/26/15 13:05	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #54

Lab Sample ID: 480-80908-3

Date Collected: 05/22/15 09:20

Matrix: Solid

Date Received: 05/23/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 06:34	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 06:34	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 06:34	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 06:34	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 06:34	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 06:34	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 06:34	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 06:34	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 06:34	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 06:34	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		05/30/15 06:34	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 06:34	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 06:34	10
Dibromofluoromethane (Surr)	100		60 - 140		05/30/15 06:34	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	✱	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1221	ND		4300	2100	ug/Kg	✱	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1232	ND		4300	2600	ug/Kg	✱	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1242	61000		4300	1400	ug/Kg	✱	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1248	ND		4300	1000	ug/Kg	✱	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1254	43000		4300	1800	ug/Kg	✱	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1260	ND		4300	1200	ug/Kg	✱	06/09/15 09:48	06/11/15 00:21	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	322	X	29 - 151	06/09/15 09:48	06/11/15 00:21	100
DCB Decachlorobiphenyl	88		14 - 163	06/09/15 09:48	06/11/15 00:21	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0059	J	0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:58	1
Barium	5.1	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:58	1
Cadmium	0.44		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:58	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:58	1
Lead	2.8	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:58	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:58	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:58	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		05/28/15 11:30	05/28/15 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.15	HF	0.100	0.100	SU			05/26/15 13:05	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #53

Lab Sample ID: 480-80908-4

Date Collected: 05/22/15 10:05

Matrix: Solid

Date Received: 05/23/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 07:02	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 07:02	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 07:02	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 07:02	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 07:02	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 07:02	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 07:02	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 07:02	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 07:02	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 07:02	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		05/30/15 07:02	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 07:02	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/30/15 07:02	10
Dibromofluoromethane (Surr)	99		60 - 140		05/30/15 07:02	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	✱	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1221	ND		4500	2200	ug/Kg	✱	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1232	ND		4500	2700	ug/Kg	✱	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1242	20000		4500	1500	ug/Kg	✱	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1248	ND		4500	1100	ug/Kg	✱	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1254	33000		4500	1900	ug/Kg	✱	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1260	ND		4500	1200	ug/Kg	✱	06/09/15 09:48	06/11/15 00:40	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	06/09/15 09:48	06/11/15 00:40	100
DCB Decachlorobiphenyl	0	X	14 - 163	06/09/15 09:48	06/11/15 00:40	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:01	1
Barium	6.7	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:01	1
Cadmium	0.51		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:01	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:01	1
Lead	6.3	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:01	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:01	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:01	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		05/28/15 11:30	05/28/15 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	6.99	HF	0.100	0.100	SU			05/26/15 13:05	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #22

Lab Sample ID: 480-80908-5

Date Collected: 05/22/15 10:55

Matrix: Solid

Date Received: 05/23/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 07:30	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 07:30	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 07:30	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 07:30	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 07:30	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 07:30	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 07:30	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 07:30	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 07:30	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 07:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/30/15 07:30	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 07:30	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 07:30	10
Dibromofluoromethane (Surr)	100		60 - 140		05/30/15 07:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		6900	2500	ug/Kg	✱	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1221	ND		6900	3300	ug/Kg	✱	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1232	ND		6900	4200	ug/Kg	✱	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1242	14000		6900	2300	ug/Kg	✱	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1248	ND		6900	1700	ug/Kg	✱	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1254	19000		6900	2900	ug/Kg	✱	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1260	ND		6900	1900	ug/Kg	✱	06/09/15 09:48	06/11/15 00:59	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	06/09/15 09:48	06/11/15 00:59	100
DCB Decachlorobiphenyl	0	X	14 - 163	06/09/15 09:48	06/11/15 00:59	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:04	1
Barium	6.7	^	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:04	1
Cadmium	0.53		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:04	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:04	1
Lead	6.3	B	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:04	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:04	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:04	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		05/28/15 11:30	05/28/15 15:15	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	6.99	HF	0.100	0.100	SU			05/26/15 13:05	1

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Method: 8260C - TCLP Volatiles

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 480-245273/4	Lab Control Sample	99	102	101	101
MB 480-245273/6	Method Blank	100	101	99	102

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

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)
480-80908-1	West Monroe NY_Fortino Samp	98	101	100	100
480-80908-2	West Monroe NY_Fortino Sample #55	98	101	100	100
480-80908-3	West Monroe NY_Fortino Sample #54	100	101	100	100
480-80908-4	West Monroe NY_Fortino Sample #53	98	101	99	99
480-80908-5	West Monroe NY_Fortino Sample #22	99	101	100	100
LB 480-244697/1-A	Method Blank	99	101	100	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (29-151)	DCB1 (14-163)
480-80908-1	West Monroe NY_Fortino Samp	0 X	0 X
480-80908-2	West Monroe NY_Fortino Sample #55	0 X	0 X
480-80908-3	West Monroe NY_Fortino Sample #54	322 X	88
480-80908-4	West Monroe NY_Fortino Sample #53	0 X	0 X
480-80908-5	West Monroe NY_Fortino Sample #22	0 X	0 X
LCS 240-184319/21-A	Lab Control Sample	63	68
MB 240-184319/20-A	Method Blank	64	65

Surrogate Legend

TCX = Tetrachloro-m-xylene

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

DCB = DCB Decachlorobiphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-245273/6

Matrix: Solid

Analysis Batch: 245273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/30/15 01:00	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/30/15 01:00	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/30/15 01:00	1
Chloroform	ND		0.0010	0.00034	mg/L			05/30/15 01:00	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/30/15 01:00	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/30/15 01:00	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/30/15 01:00	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/30/15 01:00	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/30/15 01:00	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/30/15 01:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		05/30/15 01:00	1
Toluene-d8 (Surr)	101		71 - 126		05/30/15 01:00	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/30/15 01:00	1
Dibromofluoromethane (Surr)	102		60 - 140		05/30/15 01:00	1

Lab Sample ID: LCS 480-245273/4

Matrix: Solid

Analysis Batch: 245273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0262		mg/L		105	71 - 124
Chlorobenzene	0.0250	0.0264		mg/L		106	72 - 120
1,2-Dichloroethane	0.0250	0.0247		mg/L		99	75 - 127
1,1-Dichloroethene	0.0250	0.0262		mg/L		105	58 - 121
Tetrachloroethene	0.0250	0.0274		mg/L		110	74 - 122
Trichloroethene	0.0250	0.0262		mg/L		105	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	101		60 - 140

Lab Sample ID: LB 480-244697/1-A

Matrix: Solid

Analysis Batch: 245273

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 05:10	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 05:10	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 05:10	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 05:10	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 05:10	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 05:10	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 05:10	10

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-244697/1-A

Matrix: Solid

Analysis Batch: 245273

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 05:10	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 05:10	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 05:10	10

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		05/30/15 05:10	10
Toluene-d8 (Surr)	101		71 - 126		05/30/15 05:10	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 05:10	10
Dibromofluoromethane (Surr)	101		60 - 140		05/30/15 05:10	10

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

Lab Sample ID: MB 240-184319/20-A

Matrix: Solid

Analysis Batch: 184597

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 184319

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1221	ND		33	16	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1232	ND		33	20	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1242	ND		33	11	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1248	ND		33	8.0	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1254	ND		33	14	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1260	ND		33	9.0	ug/Kg		06/09/15 09:48	06/11/15 05:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		29 - 151	06/09/15 09:48	06/11/15 05:45	1
DCB Decachlorobiphenyl	65		14 - 163	06/09/15 09:48	06/11/15 05:45	1

Lab Sample ID: LCS 240-184319/21-A

Matrix: Solid

Analysis Batch: 184597

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 184319

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	213		ug/Kg		64	62 - 120
Aroclor-1260	333	226		ug/Kg		68	56 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	63		29 - 151
DCB Decachlorobiphenyl	68		14 - 163

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244900/2-A

Matrix: Solid

Analysis Batch: 245405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:37	1
Barium	ND		1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:37	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:37	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:37	1
Lead	ND		0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:37	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:37	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:37	1

Lab Sample ID: LCS 480-244900/3-A

Matrix: Solid

Analysis Batch: 245405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.10		mg/L		110	80 - 120
Barium	1.00	1.04		mg/L		104	80 - 120
Cadmium	1.00	1.05		mg/L		105	80 - 120
Chromium	1.00	0.970		mg/L		97	80 - 120
Lead	1.00	1.03		mg/L		103	80 - 120
Selenium	1.00	1.12		mg/L		112	80 - 120
Silver	1.00	1.09		mg/L		109	80 - 120

Lab Sample ID: LB 480-244694/1-B

Matrix: Solid

Analysis Batch: 245469

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244900

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	06/01/15 11:50	1
Barium	ND		1.0	0.10	mg/L		05/28/15 10:58	06/01/15 11:50	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/15 10:58	06/01/15 11:50	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	06/01/15 11:50	1
Lead	0.0236		0.020	0.0030	mg/L		05/28/15 10:58	06/01/15 11:50	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	06/01/15 11:50	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	06/01/15 11:50	1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244919/2-A

Matrix: Solid

Analysis Batch: 244984

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244919

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:05	1

Lab Sample ID: LCS 480-244919/3-A

Matrix: Solid

Analysis Batch: 244984

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00615		mg/L		92	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Method: 7470A - TCLP Mercury (Continued)

Lab Sample ID: LB 480-244694/1-C

Matrix: Solid

Analysis Batch: 244984

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:03	1

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

Lab Sample ID: LCS 480-246318/1

Matrix: Solid

Analysis Batch: 246318

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	82.00		Degrees F		101	97.5 - 102.5

Method: 9045D - pH

Lab Sample ID: LCS 480-244511/1

Matrix: Solid

Analysis Batch: 244511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.050		SU		101	99 - 101

Lab Sample ID: 480-80908-1 DU

Matrix: Solid

Analysis Batch: 244511

Client Sample ID: West Monroe NY_Fortino Sample #43

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.41	HF	7.390		SU		0.3	5

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

GC/MS VOA

Leach Batch: 244697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	1311	
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	1311	
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	1311	
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	1311	
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	1311	
LB 480-244697/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 245273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	8260C	244697
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	8260C	244697
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	8260C	244697
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	8260C	244697
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	8260C	244697
LB 480-244697/1-A	Method Blank	TCLP	Solid	8260C	244697
LCS 480-245273/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-245273/6	Method Blank	Total/NA	Solid	8260C	

GC Semi VOA

Prep Batch: 184319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	3540C	
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	3540C	
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	3540C	
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	3540C	
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	3540C	
LCS 240-184319/21-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-184319/20-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 184597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	8082A	184319
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	8082A	184319
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	8082A	184319
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	8082A	184319
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	8082A	184319
LCS 240-184319/21-A	Lab Control Sample	Total/NA	Solid	8082A	184319
MB 240-184319/20-A	Method Blank	Total/NA	Solid	8082A	184319

Metals

Leach Batch: 244694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	1311	
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	1311	
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	1311	
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	1311	
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	1311	
LB 480-244694/1-B	Method Blank	TCLP	Solid	1311	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Metals (Continued)

Leach Batch: 244694 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-244694/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 244900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	3010A	244694
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	3010A	244694
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	3010A	244694
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	3010A	244694
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	3010A	244694
LB 480-244694/1-B	Method Blank	TCLP	Solid	3010A	244694
LCS 480-244900/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244900/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 244919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	7470A	244694
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	7470A	244694
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	7470A	244694
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	7470A	244694
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	7470A	244694
LB 480-244694/1-C	Method Blank	TCLP	Solid	7470A	244694
LCS 480-244919/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244919/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	7470A	244919
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	7470A	244919
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	7470A	244919
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	7470A	244919
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	7470A	244919
LB 480-244694/1-C	Method Blank	TCLP	Solid	7470A	244919
LCS 480-244919/3-A	Lab Control Sample	Total/NA	Solid	7470A	244919
MB 480-244919/2-A	Method Blank	Total/NA	Solid	7470A	244919

Analysis Batch: 245405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	6010C	244900
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	6010C	244900
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	6010C	244900
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	6010C	244900
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	6010C	244900
LCS 480-244900/3-A	Lab Control Sample	Total/NA	Solid	6010C	244900
MB 480-244900/2-A	Method Blank	Total/NA	Solid	6010C	244900

Analysis Batch: 245469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-244694/1-B	Method Blank	TCLP	Solid	6010C	244900

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

General Chemistry

Analysis Batch: 244294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	Moisture	
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	Moisture	
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	Moisture	
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	Moisture	
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	Moisture	

Analysis Batch: 244511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	9045D	
480-80908-1 DU	West Monroe NY_Fortino Sample #43	Total/NA	Solid	9045D	
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	9045D	
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	9045D	
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	9045D	
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	9045D	
LCS 480-244511/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 246318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	1010A	
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	1010A	
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	1010A	
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	1010A	
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	1010A	
LCS 480-246318/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #43

Lab Sample ID: 480-80908-1

Date Collected: 05/22/15 07:55

Matrix: Solid

Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 05:38	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/10/15 23:43	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 14:43	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:08	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #55

Lab Sample ID: 480-80908-2

Date Collected: 05/22/15 08:45

Matrix: Solid

Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 06:06	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/11/15 00:02	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 14:55	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:10	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #54

Lab Sample ID: 480-80908-3

Date Collected: 05/22/15 09:20

Matrix: Solid

Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 06:34	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/11/15 00:21	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #54

Lab Sample ID: 480-80908-3

Date Collected: 05/22/15 09:20

Matrix: Solid

Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 14:58	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:11	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #53

Lab Sample ID: 480-80908-4

Date Collected: 05/22/15 10:05

Matrix: Solid

Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 07:02	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/11/15 00:40	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:01	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:13	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #22

Lab Sample ID: 480-80908-5

Date Collected: 05/22/15 10:55

Matrix: Solid

Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 07:30	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/11/15 00:59	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:04	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:15	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #22

Lab Sample ID: 480-80908-5

Date Collected: 05/22/15 10:55

Matrix: Solid

Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Laboratory References:

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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9045D	pH	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

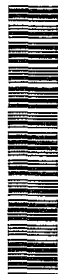
TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80908-1	West Monroe NY_Fortino Sample #43	Solid	05/22/15 07:55	05/23/15 02:30
480-80908-2	West Monroe NY_Fortino Sample #55	Solid	05/22/15 08:45	05/23/15 02:30
480-80908-3	West Monroe NY_Fortino Sample #54	Solid	05/22/15 09:20	05/23/15 02:30
480-80908-4	West Monroe NY_Fortino Sample #53	Solid	05/22/15 10:05	05/23/15 02:30
480-80908-5	West Monroe NY_Fortino Sample #22	Solid	05/22/15 10:55	05/23/15 02:30



Client Information (Sub Contract Lab) Client Contact: _____ Shipping/Receiving: _____ Company: TestAmerica Laboratories, Inc. Address: 4101 Shuffel Street NW, _____ City: North Canton State, Zip: OH, 44720 Phone: 330-497-9396(Tel) 330-497-0772(Fax) Email: _____ Project Name: Characterization Sample - West Monroe, NY Site: _____		Lab PM: Deyo, Melissa L E-Mail: melissa.deyo@testamericainc.com Carrier Tracking No(s): _____ Job #: 480-80908-1 Analysis Requested: _____ Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: _____ M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify) _____	
Sample Identification - Client ID (Lab ID) West Monroe NY_Fortino Sample #43 (480-80908-1) West Monroe NY_Fortino Sample #55 (480-80908-2) West Monroe NY_Fortino Sample #54 (480-80908-3) West Monroe NY_Fortino Sample #53 (480-80908-4) West Monroe NY_Fortino Sample #22 (480-80908-5)		Due Date Requested: 6/4/2015 TAT Requested (days): _____ PO #: _____ WO #: _____ Project #: 48011778 SSON#: _____	
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wetness, Swell, Overweight, BT-Tissue, AAR)
5/22/15	07:55 Eastern	Solid	Field Filled Sample (Yes or No)
5/22/15	08:45 Eastern	Solid	Field Filled Sample (Yes or No)
5/22/15	09:20 Eastern	Solid	Field Filled Sample (Yes or No)
5/22/15	10:05 Eastern	Solid	Field Filled Sample (Yes or No)
5/22/15	10:55 Eastern	Solid	Field Filled Sample (Yes or No)
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____		Total Number of Containers: 1 Special Instructions/Note: 0360	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months		Special Instructions/OC Requirements: _____	
Empty Kit Relinquished by: _____ Date: _____ Time: _____		Method of Shipment: _____	
Relinquished by: _____ Date/Time: 5/26/15 1700 Company: TAC		Received by: _____ Date/Time: 5/27/15 1600 Company: TAC	
Relinquished by: _____ Date/Time: _____ Company: _____		Received by: _____ Date/Time: _____ Company: _____	
Relinquished by: _____ Date/Time: _____ Company: _____		Received by: _____ Date/Time: _____ Company: _____	
Custody Seals Intact: _____ Custody Seal No.: _____ Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: _____	

TestAmerica Canton Sample Receipt Form/Narrative				Login # : _____	
Canton Facility _____					
Client: <u>DA Buff</u>		Site Name _____		Cooler unpacked by: <u>[Signature]</u>	
Cooler Received on <u>5/22/15</u>		Opened on <u>5/27/15</u>			
FedEx: 1 st Grd ☒ Exp ☐ UPS ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other ☐					
Receipt After-hours: Drop-off Date/Time _____				Storage Location _____	
TestAmerica Cooler # _____		Foam Box ☐ <u>Client Cooler</u> ☒ Box ☐ Other ☐			
Packing material used: <u>Bubble Wrap</u>		Foam ☐ Plastic Bag ☐ None ☐ Other ☐			
COOLANT: <u>Wet Ice</u>		Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐			
1. Cooler temperature upon receipt					
IR GUN# A (CF +4.0 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
IR GUN# 4 (CF +0.5 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
IR GUN# 5 (CF +0.4 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
IR GUN# 8 (CF -1.2 °C)		Observed Cooler Temp. <u>1.8</u> °C		Corrected Cooler Temp. <u>0.6</u> °C	
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ (<u>Yes</u>) No					
-Were custody seals on the outside of the cooler(s) signed & dated? <u>Yes</u> No NA					
-Were custody seals on the bottle(s)? <u>Yes</u> No					
3. Shippers' packing slip attached to the cooler(s)? <u>Yes</u> No					
4. Did custody papers accompany the sample(s)? <u>Yes</u> No					
5. Were the custody papers relinquished & signed in the appropriate place? <u>Yes</u> No					
6. Was/were the sampler(s) clearly identified on the COC? <u>Yes</u> No					
7. Did all bottles arrive in good condition (Unbroken)? <u>Yes</u> No					
8. Could all bottle labels be reconciled with the COC? <u>Yes</u> No					
9. Were correct bottle(s) used for the test(s) indicated? <u>Yes</u> No					
10. Sufficient quantity received to perform indicated analyses? <u>Yes</u> No					
11. Were sample(s) at the correct pH upon receipt? Yes No <u>NA</u> pH Strip Lot# <u>HC432654</u>					
12. Were VOAs on the COC? Yes <u>No</u>					
13. Were air bubbles >6 mm in any VOA vials? Yes No <u>NA</u>					
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No <u>No</u>					
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____					
Concerning _____					

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	Samples processed by: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
15. SAMPLE CONDITION Sample(s) _____ were received after the recommended holding time had expired. Sample(s) _____ were received in a broken container. Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)	
16. SAMPLE PRESERVATION Sample(s) _____ were further preserved in the laboratory. Time preserved: _____ Preservative(s) added/Lot number(s): _____	

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80908-1

Login Number: 80908

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	N/A	
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	MJ ENGINEERING
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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-80758-1

Client Project/Site: Characterization Sample -West Monroe, NY

For:

MJ Engineering & Land Surveying PC

1533 Crescent Road

Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld



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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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
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.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Job ID: 480-80758-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-80758-1

Receipt

The samples were received on 5/21/2015 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 0.7° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY-Fortino Sample #18 (480-80758-1), West Monroe NY-Fortino Sample #26 (480-80758-2), West Monroe NY-Fortino Sample #27 (480-80758-3), West Monroe NY-Fortino Sample #02 (480-80758-4), West Monroe NY-Fortino Sample #28 (480-80758-5), West Monroe NY-Fortino Sample #37 (480-80758-6), West Monroe NY-Fortino Sample #36 (480-80758-7), West Monroe NY-Fortino Sample #42 (480-80758-8), West Monroe NY-Fortino Sample #38 (480-80758-9), West Monroe NY-Fortino Sample #30 (480-80758-10), (LB 480-244321/1-A), (480-80758-A-1-B MS) and (480-80758-A-1-B MSD). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

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

GC Semi VOA

Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix: West Monroe NY-Fortino Sample #38 (480-80758-9). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8151A: The following samples were diluted due to the nature of the sample matrix: West Monroe NY-Fortino Sample #18 (480-80758-1), West Monroe NY-Fortino Sample #26 (480-80758-2), West Monroe NY-Fortino Sample #27 (480-80758-3), West Monroe NY-Fortino Sample #02 (480-80758-4), West Monroe NY-Fortino Sample #28 (480-80758-5), West Monroe NY-Fortino Sample #37 (480-80758-6), West Monroe NY-Fortino Sample #36 (480-80758-7), West Monroe NY-Fortino Sample #42 (480-80758-8), West Monroe NY-Fortino Sample #38 (480-80758-9) and West Monroe NY-Fortino Sample #30 (480-80758-10). Elevated reporting limits (RLs) are provided.

Method(s) 8151A: Surrogate recovery for the following samples were outside control limits: West Monroe NY-Fortino Sample #37 (480-80758-6), West Monroe NY-Fortino Sample #36 (480-80758-7), West Monroe NY-Fortino Sample #42 (480-80758-8), West Monroe NY-Fortino Sample #38 (480-80758-9), West Monroe NY-Fortino Sample #30 (480-80758-10) and (LB 480-244318/1-F). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY-Fortino Sample #38 (480-80758-9) and West Monroe NY-Fortino Sample #30 (480-80758-10).

Method(s) 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample #18 (480-80758-1), West Monroe NY-Fortino Sample #26 (480-80758-2), West Monroe NY-Fortino Sample #27 (480-80758-3), West Monroe NY-Fortino Sample #02 (480-80758-4), West Monroe NY-Fortino Sample #28 (480-80758-5), West Monroe NY-Fortino Sample #37 (480-80758-6) and West Monroe NY-Fortino Sample #36 (480-80758-7). The sample(s) has been quantified and reported as a mixture of Aroclor. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample #27 (480-80758-3) and West Monroe NY-Fortino Sample #28 (480-80758-5). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Case Narrative

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Job ID: 480-80758-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

Metals

Method(s) 6010C: The TCLP leachate blank, LB 480-244318 for prep batch 480-244469 contained Cadmium and Lead above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the TCLP leachate blank.

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

General Chemistry

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe. West Monroe NY-Fortino Sample #18 (480-80758-1), West Monroe NY-Fortino Sample #26 (480-80758-2), West Monroe NY-Fortino Sample #27 (480-80758-3), West Monroe NY-Fortino Sample #02 (480-80758-4), West Monroe NY-Fortino Sample #28 (480-80758-5), West Monroe NY-Fortino Sample #37 (480-80758-6), West Monroe NY-Fortino Sample #36 (480-80758-7), West Monroe NY-Fortino Sample #42 (480-80758-8), West Monroe NY-Fortino Sample #38 (480-80758-9) and West Monroe NY-Fortino Sample #30 (480-80758-10)

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

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with extraction batch 244507.

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

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #18

Lab Sample ID: 480-80758-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	15000		4400	1500	ug/Kg	100		☼	8082A	Total/NA
Aroclor-1254	14000		4400	1900	ug/Kg	100		☼	8082A	Total/NA
Barium	3.7	F1	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.64	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.5	B	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	4.5		0.27	0.11	mg/Kg	10		☼	7471B	Total/NA
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
pH	7.15	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #26

Lab Sample ID: 480-80758-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	25000		4200	1400	ug/Kg	100		☼	8082A	Total/NA
Aroclor-1254	16000		4200	1800	ug/Kg	100		☼	8082A	Total/NA
Barium	2.2		1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.43	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.8	B	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	0.00013	J	0.00020	0.00012	mg/L	1			7470A	TCLP
Mercury	4.5		0.26	0.11	mg/Kg	10		☼	7471B	Total/NA
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
pH	6.97	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #27

Lab Sample ID: 480-80758-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	18000		5000	1700	ug/Kg	100		☼	8082A	Total/NA
Aroclor-1254	14000		5000	2100	ug/Kg	100		☼	8082A	Total/NA
Barium	4.1		1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.51	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.2	B	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	5.5		0.31	0.13	mg/Kg	10		☼	7471B	Total/NA
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
pH	7.16	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #02

Lab Sample ID: 480-80758-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	39000		8500	2800	ug/Kg	200		☼	8082A	Total/NA
Aroclor-1254	45000		8500	3600	ug/Kg	200		☼	8082A	Total/NA
Barium	4.5		1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	1.2	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.4	B	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	0.72		0.024	0.0096	mg/Kg	1		☼	7471B	Total/NA
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
pH	7.11	HF	0.100	0.100	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #28

Lab Sample ID: 480-80758-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
gamma-BHC (Lindane)	0.000060	J	0.00020	0.000060	mg/L	1		8081B	TCLP
Endrin	0.000070	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Aroclor-1242	22000		2200	720	ug/Kg	50	☼	8082A	Total/NA
Aroclor-1254	39000		2200	920	ug/Kg	50	☼	8082A	Total/NA
Arsenic	0.0091	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	6.5		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.63	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.014	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	3.0	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00049		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	3.7		0.25	0.10	mg/Kg	10	☼	7471B	Total/NA
Sulfide, Reactive	8.0	J	10	0.57	mg/Kg	1		9034	Total/NA
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
pH	7.17	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #37

Lab Sample ID: 480-80758-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	19000		4600	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	20000		4600	2000	ug/Kg	100	☼	8082A	Total/NA
Barium	3.6		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.58	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.011	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	1.8	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00094		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	4.2		0.28	0.11	mg/Kg	10	☼	7471B	Total/NA
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
pH	7.00	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #36

Lab Sample ID: 480-80758-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	18000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	37000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	2.7		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.66	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.0	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00031		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	4.4		0.28	0.11	mg/Kg	10	☼	7471B	Total/NA
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
pH	7.11	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #42

Lab Sample ID: 480-80758-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	16000		4700	1600	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	30000		4700	2000	ug/Kg	100	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #42 (Continued)

Lab Sample ID: 480-80758-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	3.9		1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.55	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	1.6	B	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	0.00037		0.00020	0.00012	mg/L	1			7470A	TCLP
Mercury	4.7		0.28	0.11	mg/Kg	10		☼	7471B	Total/NA
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
pH	6.97	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #38

Lab Sample ID: 480-80758-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
3-Methylphenol	0.079		0.010	0.00040	mg/L	1			8270D	TCLP
2-Methylphenol	0.0057		0.0050	0.00040	mg/L	1			8270D	TCLP
4-Methylphenol	0.079		0.010	0.00036	mg/L	1			8270D	TCLP
Aroclor-1242	380		47	16	ug/Kg	1		☼	8082A	Total/NA
Aroclor-1254	300		47	20	ug/Kg	1		☼	8082A	Total/NA
Arsenic	0.0062	J	0.015	0.0056	mg/L	1			6010C	TCLP
Barium	4.3		1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.44	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Chromium	0.019	J	0.020	0.010	mg/L	1			6010C	TCLP
Lead	2.2	B	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	0.0011		0.00020	0.00012	mg/L	1			7470A	TCLP
Mercury	4.1		0.26	0.11	mg/Kg	10		☼	7471B	Total/NA
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
pH	7.44	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Endrin	0.000046	J	0.00020	0.000014	mg/L	1			8081B	TCLP
Aroclor-1242	190		47	16	ug/Kg	1		☼	8082A	Total/NA
Aroclor-1254	140		47	20	ug/Kg	1		☼	8082A	Total/NA
Arsenic	0.0064	J	0.015	0.0056	mg/L	1			6010C	TCLP
Barium	4.5		1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.44	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.4	B	0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	0.00026		0.00020	0.00012	mg/L	1			7470A	TCLP
Mercury	6.2		0.28	0.11	mg/Kg	10		☼	7471B	Total/NA
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
pH	7.16	HF	0.100	0.100	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #18

Lab Sample ID: 480-80758-1

Date Collected: 05/20/15 09:20

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 00:36	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 00:36	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 00:36	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 00:36	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 00:36	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 00:36	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 00:36	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 00:36	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 00:36	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 00:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		05/27/15 00:36	10
Toluene-d8 (Surr)	98		71 - 126		05/27/15 00:36	10
4-Bromofluorobenzene (Surr)	97		73 - 120		05/27/15 00:36	10
Dibromofluoromethane (Surr)	104		60 - 140		05/27/15 00:36	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 15:04	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 15:04	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 15:04	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 15:04	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 15:04	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 15:04	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 15:04	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 15:04	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 15:04	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 15:04	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 15:04	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 15:04	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132	05/27/15 08:54	05/28/15 15:04	1
2-Fluorobiphenyl	71		48 - 120	05/27/15 08:54	05/28/15 15:04	1
2-Fluorophenol	43		20 - 120	05/27/15 08:54	05/28/15 15:04	1
Nitrobenzene-d5	85		46 - 120	05/27/15 08:54	05/28/15 15:04	1
p-Terphenyl-d14	92		67 - 150	05/27/15 08:54	05/28/15 15:04	1
Phenol-d5	33		16 - 120	05/27/15 08:54	05/28/15 15:04	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 13:44	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 13:44	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 13:44	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 13:44	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 13:44	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 13:44	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 13:44	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #18

Lab Sample ID: 480-80758-1

Date Collected: 05/20/15 09:20

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		20 - 120	05/26/15 14:08	05/27/15 13:44	1
Tetrachloro-m-xylene	73		36 - 120	05/26/15 14:08	05/27/15 13:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1221	ND		4400	2200	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1232	ND		4400	2700	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1242	15000		4400	1500	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1248	ND		4400	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1254	14000		4400	1900	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1260	ND		4400	1200	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/02/15 23:33	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/02/15 23:33	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	—	05/27/15 09:14	06/01/15 14:51	5
2,4-D	ND		0.010	0.0020	mg/L	—	05/27/15 09:14	06/01/15 14:51	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	58		35 - 143	05/27/15 09:14	06/01/15 14:51	5

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/26/15 12:53	05/27/15 13:19	1
Barium	3.7	F1	1.0	0.10	mg/L	—	05/26/15 12:53	05/27/15 13:19	1
Cadmium	0.64	B	0.0020	0.00050	mg/L	—	05/26/15 12:53	05/27/15 13:19	1
Chromium	ND		0.020	0.010	mg/L	—	05/26/15 12:53	05/27/15 13:19	1
Lead	2.5	B	0.020	0.0030	mg/L	—	05/26/15 12:53	05/27/15 13:19	1
Selenium	ND		0.025	0.0087	mg/L	—	05/26/15 12:53	05/27/15 13:19	1
Silver	ND		0.0060	0.0017	mg/L	—	05/26/15 12:53	05/27/15 13:19	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	—	05/26/15 13:45	05/27/15 09:04	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.5		0.27	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:36	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/28/15 23:35	06/01/15 15:16	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		06/01/15 14:43	1
pH	7.15	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #26

Lab Sample ID: 480-80758-2

Date Collected: 05/20/15 10:00

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 00:59	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 00:59	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 00:59	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 00:59	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 00:59	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 00:59	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 00:59	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 00:59	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 00:59	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 00:59	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		05/27/15 00:59	10
Toluene-d8 (Surr)	100		71 - 126		05/27/15 00:59	10
4-Bromofluorobenzene (Surr)	100		73 - 120		05/27/15 00:59	10
Dibromofluoromethane (Surr)	104		60 - 140		05/27/15 00:59	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 15:30	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 15:30	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 15:30	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 15:30	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 15:30	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 15:30	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 15:30	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 15:30	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 15:30	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 15:30	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 15:30	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 15:30	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		52 - 132	05/27/15 08:54	05/28/15 15:30	1
2-Fluorobiphenyl	63		48 - 120	05/27/15 08:54	05/28/15 15:30	1
2-Fluorophenol	38		20 - 120	05/27/15 08:54	05/28/15 15:30	1
Nitrobenzene-d5	74		46 - 120	05/27/15 08:54	05/28/15 15:30	1
p-Terphenyl-d14	80		67 - 150	05/27/15 08:54	05/28/15 15:30	1
Phenol-d5	28		16 - 120	05/27/15 08:54	05/28/15 15:30	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 14:02	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 14:02	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:02	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 14:02	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 14:02	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:02	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 14:02	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #26

Lab Sample ID: 480-80758-2

Date Collected: 05/20/15 10:00

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	49		20 - 120	05/26/15 14:08	05/27/15 14:02	1
Tetrachloro-m-xylene	62		36 - 120	05/26/15 14:08	05/27/15 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4200	1500	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1221	ND		4200	2000	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1232	ND		4200	2500	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1242	25000		4200	1400	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1248	ND		4200	1000	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1254	16000		4200	1800	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1260	ND		4200	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/02/15 23:52	100
DCB Decachlorobiphenyl	8	p X	14 - 163	05/29/15 07:13	06/02/15 23:52	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	-	05/27/15 09:14	06/01/15 15:20	5
2,4-D	ND		0.010	0.0020	mg/L	-	05/27/15 09:14	06/01/15 15:20	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	42		35 - 143	05/27/15 09:14	06/01/15 15:20	5

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	-	05/26/15 12:53	05/27/15 13:42	1
Barium	2.2		1.0	0.10	mg/L	-	05/26/15 12:53	05/27/15 13:42	1
Cadmium	0.43	B	0.0020	0.00050	mg/L	-	05/26/15 12:53	05/27/15 13:42	1
Chromium	ND		0.020	0.010	mg/L	-	05/26/15 12:53	05/27/15 13:42	1
Lead	2.8	B	0.020	0.0030	mg/L	-	05/26/15 12:53	05/27/15 13:42	1
Selenium	ND		0.025	0.0087	mg/L	-	05/26/15 12:53	05/27/15 13:42	1
Silver	ND		0.0060	0.0017	mg/L	-	05/26/15 12:53	05/27/15 13:42	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00013	J	0.00020	0.00012	mg/L	-	05/26/15 13:45	05/27/15 09:12	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.5		0.26	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:38	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	-	05/28/15 23:35	06/01/15 15:18	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	-	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	-		06/01/15 14:43	1
pH	6.97	HF	0.100	0.100	SU	-		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #27

Lab Sample ID: 480-80758-3

Date Collected: 05/20/15 10:30

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 01:21	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 01:21	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 01:21	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 01:21	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 01:21	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 01:21	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 01:21	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 01:21	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 01:21	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 01:21	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		05/27/15 01:21	10
Toluene-d8 (Surr)	99		71 - 126		05/27/15 01:21	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/27/15 01:21	10
Dibromofluoromethane (Surr)	105		60 - 140		05/27/15 01:21	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 15:56	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 15:56	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 15:56	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 15:56	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 15:56	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 15:56	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 15:56	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 15:56	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 15:56	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 15:56	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 15:56	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 15:56	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132	05/27/15 08:54	05/28/15 15:56	1
2-Fluorobiphenyl	70		48 - 120	05/27/15 08:54	05/28/15 15:56	1
2-Fluorophenol	43		20 - 120	05/27/15 08:54	05/28/15 15:56	1
Nitrobenzene-d5	82		46 - 120	05/27/15 08:54	05/28/15 15:56	1
p-Terphenyl-d14	86		67 - 150	05/27/15 08:54	05/28/15 15:56	1
Phenol-d5	32		16 - 120	05/27/15 08:54	05/28/15 15:56	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 14:21	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 14:21	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:21	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 14:21	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 14:21	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:21	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 14:21	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #27

Lab Sample ID: 480-80758-3

Date Collected: 05/20/15 10:30

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		20 - 120	05/26/15 14:08	05/27/15 14:21	1
Tetrachloro-m-xylene	69		36 - 120	05/26/15 14:08	05/27/15 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		5000	1800	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1221	ND		5000	2400	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1232	ND		5000	3100	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1242	18000		5000	1700	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1248	ND		5000	1200	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1254	14000		5000	2100	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1260	ND		5000	1400	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/03/15 09:35	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/03/15 09:35	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	—	05/27/15 09:14	06/01/15 15:50	5
2,4-D	ND		0.010	0.0020	mg/L	—	05/27/15 09:14	06/01/15 15:50	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	35		35 - 143	05/27/15 09:14	06/01/15 15:50	5

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/26/15 12:53	05/27/15 13:45	1
Barium	4.1		1.0	0.10	mg/L	—	05/26/15 12:53	05/27/15 13:45	1
Cadmium	0.51	B	0.0020	0.00050	mg/L	—	05/26/15 12:53	05/27/15 13:45	1
Chromium	ND		0.020	0.010	mg/L	—	05/26/15 12:53	05/27/15 13:45	1
Lead	2.2	B	0.020	0.0030	mg/L	—	05/26/15 12:53	05/27/15 13:45	1
Selenium	ND		0.025	0.0087	mg/L	—	05/26/15 12:53	05/27/15 13:45	1
Silver	ND		0.0060	0.0017	mg/L	—	05/26/15 12:53	05/27/15 13:45	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	—	05/26/15 13:45	05/27/15 09:14	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	5.5		0.31	0.13	mg/Kg	☼	06/02/15 14:00	06/02/15 16:39	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		9.9	0.0030	mg/Kg	—	05/28/15 23:35	06/01/15 15:19	1
Sulfide, Reactive	ND		9.9	0.57	mg/Kg	—	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		06/01/15 14:43	1
pH	7.16	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #02

Lab Sample ID: 480-80758-4

Date Collected: 05/20/15 12:10

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 01:44	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 01:44	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 01:44	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 01:44	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 01:44	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 01:44	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 01:44	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 01:44	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 01:44	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 01:44	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		66 - 137		05/27/15 01:44	10
Toluene-d8 (Surr)	98		71 - 126		05/27/15 01:44	10
4-Bromofluorobenzene (Surr)	98		73 - 120		05/27/15 01:44	10
Dibromofluoromethane (Surr)	106		60 - 140		05/27/15 01:44	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 16:22	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 16:22	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 16:22	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 16:22	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 16:22	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 16:22	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 16:22	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 16:22	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 16:22	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 16:22	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 16:22	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 16:22	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		52 - 132	05/27/15 08:54	05/28/15 16:22	1
2-Fluorobiphenyl	69		48 - 120	05/27/15 08:54	05/28/15 16:22	1
2-Fluorophenol	42		20 - 120	05/27/15 08:54	05/28/15 16:22	1
Nitrobenzene-d5	80		46 - 120	05/27/15 08:54	05/28/15 16:22	1
p-Terphenyl-d14	91		67 - 150	05/27/15 08:54	05/28/15 16:22	1
Phenol-d5	33		16 - 120	05/27/15 08:54	05/28/15 16:22	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 14:39	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 14:39	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:39	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 14:39	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 14:39	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:39	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 14:39	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #02

Lab Sample ID: 480-80758-4

Date Collected: 05/20/15 12:10

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120	05/26/15 14:08	05/27/15 14:39	1
Tetrachloro-m-xylene	66		36 - 120	05/26/15 14:08	05/27/15 14:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		8500	3100	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1221	ND		8500	4100	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1232	ND		8500	5100	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1242	39000		8500	2800	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1248	ND		8500	2100	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1254	45000		8500	3600	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1260	ND		8500	2300	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/03/15 00:30	200
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/03/15 00:30	200

Method: 8151 - TCLP Herbicides - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	-	05/27/15 09:14	06/01/15 16:20	5
2,4-D	ND		0.010	0.0020	mg/L	-	05/27/15 09:14	06/01/15 16:20	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	48		35 - 143	05/27/15 09:14	06/01/15 16:20	5

Method: 6010C - TCLP Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	-	05/26/15 12:53	05/27/15 13:48	1
Barium	4.5		1.0	0.10	mg/L	-	05/26/15 12:53	05/27/15 13:48	1
Cadmium	1.2	B	0.0020	0.00050	mg/L	-	05/26/15 12:53	05/27/15 13:48	1
Chromium	ND		0.020	0.010	mg/L	-	05/26/15 12:53	05/27/15 13:48	1
Lead	2.4	B	0.020	0.0030	mg/L	-	05/26/15 12:53	05/27/15 13:48	1
Selenium	ND		0.025	0.0087	mg/L	-	05/26/15 12:53	05/27/15 13:48	1
Silver	ND		0.0060	0.0017	mg/L	-	05/26/15 12:53	05/27/15 13:48	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	-	05/26/15 13:45	05/27/15 09:19	1

Method: 7471B - Mercury									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.72		0.024	0.0096	mg/Kg	☼	06/02/15 14:00	06/02/15 15:23	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		9.9	0.0030	mg/Kg	-	05/28/15 23:35	06/01/15 15:21	1
Sulfide, Reactive	ND		9.9	0.57	mg/Kg	-	05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	-		06/02/15 14:52	1
pH	7.11	HF	0.100	0.100	SU	-		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #28

Lab Sample ID: 480-80758-5

Date Collected: 05/20/15 14:10

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 02:06	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 02:06	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 02:06	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 02:06	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 02:06	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 02:06	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 02:06	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 02:06	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 02:06	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 02:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		66 - 137		05/27/15 02:06	10
Toluene-d8 (Surr)	98		71 - 126		05/27/15 02:06	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/27/15 02:06	10
Dibromofluoromethane (Surr)	106		60 - 140		05/27/15 02:06	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 16:49	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 16:49	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 16:49	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 16:49	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 16:49	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 16:49	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 16:49	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 16:49	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 16:49	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 16:49	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 16:49	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 16:49	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		52 - 132	05/27/15 08:54	05/28/15 16:49	1
2-Fluorobiphenyl	78		48 - 120	05/27/15 08:54	05/28/15 16:49	1
2-Fluorophenol	48		20 - 120	05/27/15 08:54	05/28/15 16:49	1
Nitrobenzene-d5	87		46 - 120	05/27/15 08:54	05/28/15 16:49	1
p-Terphenyl-d14	94		67 - 150	05/27/15 08:54	05/28/15 16:49	1
Phenol-d5	36		16 - 120	05/27/15 08:54	05/28/15 16:49	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	0.000060	J	0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 14:58	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 14:58	1
Endrin	0.000070	J	0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:58	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 14:58	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 14:58	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:58	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 14:58	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #28

Lab Sample ID: 480-80758-5

Date Collected: 05/20/15 14:10

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		20 - 120	05/26/15 14:08	05/27/15 14:58	1
Tetrachloro-m-xylene	74		36 - 120	05/26/15 14:08	05/27/15 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2200	790	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1221	ND		2200	1100	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1232	ND		2200	1300	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1242	22000		2200	720	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1248	ND		2200	530	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1254	39000		2200	920	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1260	ND		2200	590	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	112		29 - 151	05/29/15 07:13	06/03/15 09:54	50
DCB Decachlorobiphenyl	298	p X	14 - 163	05/29/15 07:13	06/03/15 09:54	50

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	—	05/27/15 09:14	06/01/15 16:49	5
2,4-D	ND		0.010	0.0020	mg/L	—	05/27/15 09:14	06/01/15 16:49	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	53		35 - 143	05/27/15 09:14	06/01/15 16:49	5

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0091	J	0.015	0.0056	mg/L	—	05/26/15 12:53	05/27/15 13:51	1
Barium	6.5		1.0	0.10	mg/L	—	05/26/15 12:53	05/27/15 13:51	1
Cadmium	0.63	B	0.0020	0.00050	mg/L	—	05/26/15 12:53	05/27/15 13:51	1
Chromium	0.014	J	0.020	0.010	mg/L	—	05/26/15 12:53	05/27/15 13:51	1
Lead	3.0	B	0.020	0.0030	mg/L	—	05/26/15 12:53	05/27/15 13:51	1
Selenium	ND		0.025	0.0087	mg/L	—	05/26/15 12:53	05/27/15 13:51	1
Silver	ND		0.0060	0.0017	mg/L	—	05/26/15 12:53	05/27/15 13:51	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00049		0.00020	0.00012	mg/L	—	05/26/15 13:45	05/27/15 09:20	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.7		0.25	0.10	mg/Kg	☼	06/02/15 14:00	06/02/15 16:45	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/28/15 23:35	06/01/15 15:22	1
Sulfide, Reactive	8.0	J	10	0.57	mg/Kg	—	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		06/02/15 14:52	1
pH	7.17	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #37

Lab Sample ID: 480-80758-6

Date Collected: 05/20/15 14:35

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 02:29	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 02:29	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 02:29	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 02:29	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 02:29	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 02:29	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 02:29	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 02:29	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 02:29	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 02:29	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		66 - 137		05/27/15 02:29	10
Toluene-d8 (Surr)	98		71 - 126		05/27/15 02:29	10
4-Bromofluorobenzene (Surr)	95		73 - 120		05/27/15 02:29	10
Dibromofluoromethane (Surr)	112		60 - 140		05/27/15 02:29	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 17:15	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 17:15	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 17:15	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 17:15	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 17:15	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 17:15	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 17:15	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 17:15	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 17:15	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 17:15	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 17:15	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 17:15	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		52 - 132	05/27/15 08:54	05/28/15 17:15	1
2-Fluorobiphenyl	78		48 - 120	05/27/15 08:54	05/28/15 17:15	1
2-Fluorophenol	46		20 - 120	05/27/15 08:54	05/28/15 17:15	1
Nitrobenzene-d5	91		46 - 120	05/27/15 08:54	05/28/15 17:15	1
p-Terphenyl-d14	92		67 - 150	05/27/15 08:54	05/28/15 17:15	1
Phenol-d5	35		16 - 120	05/27/15 08:54	05/28/15 17:15	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 15:53	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 15:53	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 15:53	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 15:53	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 15:53	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 15:53	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 15:53	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #37

Lab Sample ID: 480-80758-6

Date Collected: 05/20/15 14:35

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120	05/26/15 14:08	05/27/15 15:53	1
Tetrachloro-m-xylene	68		36 - 120	05/26/15 14:08	05/27/15 15:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4600	1700	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1221	ND		4600	2200	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1232	ND		4600	2800	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1242	19000		4600	1500	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1248	ND		4600	1100	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1254	20000		4600	2000	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1260	ND		4600	1300	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/03/15 01:08	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/03/15 01:08	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	—	05/27/15 09:14	06/01/15 17:19	5
2,4-D	ND		0.010	0.0020	mg/L	—	05/27/15 09:14	06/01/15 17:19	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	24	X	35 - 143	05/27/15 09:14	06/01/15 17:19	5

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/26/15 12:53	05/27/15 13:54	1
Barium	3.6		1.0	0.10	mg/L	—	05/26/15 12:53	05/27/15 13:54	1
Cadmium	0.58	B	0.0020	0.00050	mg/L	—	05/26/15 12:53	05/27/15 13:54	1
Chromium	0.011	J	0.020	0.010	mg/L	—	05/26/15 12:53	05/27/15 13:54	1
Lead	1.8	B	0.020	0.0030	mg/L	—	05/26/15 12:53	05/27/15 13:54	1
Selenium	ND		0.025	0.0087	mg/L	—	05/26/15 12:53	05/27/15 13:54	1
Silver	ND		0.0060	0.0017	mg/L	—	05/26/15 12:53	05/27/15 13:54	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00094		0.00020	0.00012	mg/L	—	05/26/15 13:45	05/27/15 09:22	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.2		0.28	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:46	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/28/15 23:35	06/01/15 15:24	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		06/02/15 14:52	1
pH	7.00	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #36

Lab Sample ID: 480-80758-7

Date Collected: 05/20/15 15:10

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 02:51	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 02:51	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 02:51	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 02:51	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 02:51	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 02:51	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 02:51	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 02:51	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 02:51	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 02:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		66 - 137		05/27/15 02:51	10
Toluene-d8 (Surr)	102		71 - 126		05/27/15 02:51	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/27/15 02:51	10
Dibromofluoromethane (Surr)	109		60 - 140		05/27/15 02:51	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 17:41	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 17:41	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 17:41	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 17:41	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 17:41	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 17:41	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 17:41	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 17:41	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 17:41	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 17:41	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 17:41	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 17:41	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	66		52 - 132	05/27/15 08:54	05/28/15 17:41	1
2-Fluorobiphenyl	70		48 - 120	05/27/15 08:54	05/28/15 17:41	1
2-Fluorophenol	45		20 - 120	05/27/15 08:54	05/28/15 17:41	1
Nitrobenzene-d5	86		46 - 120	05/27/15 08:54	05/28/15 17:41	1
p-Terphenyl-d14	93		67 - 150	05/27/15 08:54	05/28/15 17:41	1
Phenol-d5	34		16 - 120	05/27/15 08:54	05/28/15 17:41	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 16:12	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 16:12	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 16:12	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 16:12	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 16:12	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 16:12	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 16:12	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #36

Lab Sample ID: 480-80758-7

Date Collected: 05/20/15 15:10

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		20 - 120	05/26/15 14:08	05/27/15 16:12	1
Tetrachloro-m-xylene	72		36 - 120	05/26/15 14:08	05/27/15 16:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	F2	4500	1600	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1221	ND		4500	2200	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1232	ND		4500	2700	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1242	18000		4500	1500	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1248	ND		4500	1100	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1254	37000		4500	1900	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1260	ND		4500	1200	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/03/15 01:27	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/03/15 01:27	100

Method: 8151 - TCLP Herbicides - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	—	05/27/15 09:14	06/01/15 17:49	5
2,4-D	ND		0.010	0.0020	mg/L	—	05/27/15 09:14	06/01/15 17:49	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	13	X	35 - 143	05/27/15 09:14	06/01/15 17:49	5

Method: 6010C - TCLP Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/26/15 12:53	05/27/15 13:57	1
Barium	2.7		1.0	0.10	mg/L	—	05/26/15 12:53	05/27/15 13:57	1
Cadmium	0.66	B	0.0020	0.00050	mg/L	—	05/26/15 12:53	05/27/15 13:57	1
Chromium	ND		0.020	0.010	mg/L	—	05/26/15 12:53	05/27/15 13:57	1
Lead	1.0	B	0.020	0.0030	mg/L	—	05/26/15 12:53	05/27/15 13:57	1
Selenium	ND		0.025	0.0087	mg/L	—	05/26/15 12:53	05/27/15 13:57	1
Silver	ND		0.0060	0.0017	mg/L	—	05/26/15 12:53	05/27/15 13:57	1

Method: 7470A - TCLP Mercury - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00031		0.00020	0.00012	mg/L	—	05/26/15 13:45	05/27/15 09:24	1

Method: 7471B - Mercury									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.4		0.28	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:48	10

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/28/15 23:35	06/01/15 15:25	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		06/02/15 14:52	1
pH	7.11	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #42

Lab Sample ID: 480-80758-8

Date Collected: 05/20/15 15:40

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 03:14	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 03:14	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 03:14	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 03:14	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 03:14	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 03:14	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 03:14	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 03:14	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 03:14	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 03:14	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		66 - 137		05/27/15 03:14	10
Toluene-d8 (Surr)	100		71 - 126		05/27/15 03:14	10
4-Bromofluorobenzene (Surr)	98		73 - 120		05/27/15 03:14	10
Dibromofluoromethane (Surr)	113		60 - 140		05/27/15 03:14	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 18:07	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 18:07	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 18:07	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 18:07	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 18:07	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 18:07	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 18:07	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 18:07	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 18:07	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 18:07	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 18:07	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 18:07	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		52 - 132	05/27/15 08:54	05/28/15 18:07	1
2-Fluorobiphenyl	78		48 - 120	05/27/15 08:54	05/28/15 18:07	1
2-Fluorophenol	53		20 - 120	05/27/15 08:54	05/28/15 18:07	1
Nitrobenzene-d5	93		46 - 120	05/27/15 08:54	05/28/15 18:07	1
p-Terphenyl-d14	90		67 - 150	05/27/15 08:54	05/28/15 18:07	1
Phenol-d5	37		16 - 120	05/27/15 08:54	05/28/15 18:07	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 16:31	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 16:31	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 16:31	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 16:31	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 16:31	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 16:31	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 16:31	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #42

Lab Sample ID: 480-80758-8

Date Collected: 05/20/15 15:40

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120	05/26/15 14:08	05/27/15 16:31	1
Tetrachloro-m-xylene	68		36 - 120	05/26/15 14:08	05/27/15 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4700	1700	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1221	ND		4700	2300	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1232	ND		4700	2800	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1242	16000		4700	1600	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1248	ND		4700	1100	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1254	30000		4700	2000	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1260	ND		4700	1300	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 08:04	06/03/15 12:24	100
DCB Decachlorobiphenyl	149	p	14 - 163	05/29/15 08:04	06/03/15 12:24	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.020	0.0036	mg/L	—	05/27/15 09:14	06/01/15 18:18	10
2,4-D	ND		0.020	0.0040	mg/L	—	05/27/15 09:14	06/01/15 18:18	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	0	X	35 - 143	05/27/15 09:14	06/01/15 18:18	10

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	05/26/15 12:53	05/27/15 14:08	1
Barium	3.9		1.0	0.10	mg/L	—	05/26/15 12:53	05/27/15 14:08	1
Cadmium	0.55	B	0.0020	0.00050	mg/L	—	05/26/15 12:53	05/27/15 14:08	1
Chromium	ND		0.020	0.010	mg/L	—	05/26/15 12:53	05/27/15 14:08	1
Lead	1.6	B	0.020	0.0030	mg/L	—	05/26/15 12:53	05/27/15 14:08	1
Selenium	ND		0.025	0.0087	mg/L	—	05/26/15 12:53	05/27/15 14:08	1
Silver	ND		0.0060	0.0017	mg/L	—	05/26/15 12:53	05/27/15 14:08	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00037		0.00020	0.00012	mg/L	—	05/26/15 13:45	05/27/15 09:26	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.7		0.28	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:50	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/28/15 23:35	06/01/15 15:26	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		06/02/15 14:52	1
pH	6.97	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #38

Lab Sample ID: 480-80758-9

Date Collected: 05/20/15 16:15

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 03:36	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 03:36	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 03:36	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 03:36	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 03:36	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 03:36	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 03:36	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 03:36	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 03:36	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 03:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		05/27/15 03:36	10
Toluene-d8 (Surr)	98		71 - 126		05/27/15 03:36	10
4-Bromofluorobenzene (Surr)	97		73 - 120		05/27/15 03:36	10
Dibromofluoromethane (Surr)	106		60 - 140		05/27/15 03:36	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 18:33	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 18:33	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 18:33	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 18:33	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 18:33	1
3-Methylphenol	0.079		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 18:33	1
2-Methylphenol	0.0057		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 18:33	1
4-Methylphenol	0.079		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 18:33	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 18:33	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 18:33	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 18:33	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 18:33	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132	05/27/15 08:54	05/28/15 18:33	1
2-Fluorobiphenyl	69		48 - 120	05/27/15 08:54	05/28/15 18:33	1
2-Fluorophenol	49		20 - 120	05/27/15 08:54	05/28/15 18:33	1
Nitrobenzene-d5	84		46 - 120	05/27/15 08:54	05/28/15 18:33	1
p-Terphenyl-d14	91		67 - 150	05/27/15 08:54	05/28/15 18:33	1
Phenol-d5	34		16 - 120	05/27/15 08:54	05/28/15 18:33	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.0010	0.000030	mg/L		05/26/15 14:08	05/27/15 16:49	5
Chlordane (technical)	ND		0.010	0.00015	mg/L		05/26/15 14:08	05/27/15 16:49	5
Endrin	ND		0.0010	0.000069	mg/L		05/26/15 14:08	05/27/15 16:49	5
Heptachlor	ND		0.0010	0.000043	mg/L		05/26/15 14:08	05/27/15 16:49	5
Heptachlor epoxide	ND		0.0010	0.000027	mg/L		05/26/15 14:08	05/27/15 16:49	5
Methoxychlor	ND		0.0010	0.000071	mg/L		05/26/15 14:08	05/27/15 16:49	5
Toxaphene	ND		0.010	0.00060	mg/L		05/26/15 14:08	05/27/15 16:49	5

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #38

Lab Sample ID: 480-80758-9

Date Collected: 05/20/15 16:15

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	121	X	20 - 120	05/26/15 14:08	05/27/15 16:49	5
Tetrachloro-m-xylene	169	X	36 - 120	05/26/15 14:08	05/27/15 16:49	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		47	17	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1221	ND		47	23	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1232	ND		47	28	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1242	380		47	16	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1248	ND		47	11	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1254	300		47	20	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1260	ND		47	13	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 08:04	06/01/15 13:02	1
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 08:04	06/01/15 13:02	1

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	—	05/27/15 09:14	06/01/15 18:48	5
2,4-D	ND		0.010	0.0020	mg/L	—	05/27/15 09:14	06/01/15 18:48	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	30	X	35 - 143	05/27/15 09:14	06/01/15 18:48	5

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0062	J	0.015	0.0056	mg/L	—	05/26/15 12:53	05/27/15 14:11	1
Barium	4.3		1.0	0.10	mg/L	—	05/26/15 12:53	05/27/15 14:11	1
Cadmium	0.44	B	0.0020	0.00050	mg/L	—	05/26/15 12:53	05/27/15 14:11	1
Chromium	0.019	J	0.020	0.010	mg/L	—	05/26/15 12:53	05/27/15 14:11	1
Lead	2.2	B	0.020	0.0030	mg/L	—	05/26/15 12:53	05/27/15 14:11	1
Selenium	ND		0.025	0.0087	mg/L	—	05/26/15 12:53	05/27/15 14:11	1
Silver	ND		0.0060	0.0017	mg/L	—	05/26/15 12:53	05/27/15 14:11	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0011		0.00020	0.00012	mg/L	—	05/26/15 13:45	05/27/15 09:27	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.1		0.26	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:52	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	—	05/28/15 23:35	06/01/15 15:28	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	—	05/28/15 23:35	06/01/15 23:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	—		06/02/15 14:52	1
pH	7.44	HF	0.100	0.100	SU	—		05/21/15 16:30	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10

Date Collected: 05/20/15 16:55

Matrix: Solid

Date Received: 05/21/15 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 03:58	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 03:58	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 03:58	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 03:58	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 03:58	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 03:58	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 03:58	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 03:58	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 03:58	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 03:58	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		05/27/15 03:58	10
Toluene-d8 (Surr)	99		71 - 126		05/27/15 03:58	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/27/15 03:58	10
Dibromofluoromethane (Surr)	107		60 - 140		05/27/15 03:58	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 18:59	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 18:59	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 18:59	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 18:59	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 18:59	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 18:59	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 18:59	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 18:59	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 18:59	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 18:59	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 18:59	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 18:59	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		52 - 132	05/27/15 08:54	05/28/15 18:59	1
2-Fluorobiphenyl	77		48 - 120	05/27/15 08:54	05/28/15 18:59	1
2-Fluorophenol	52		20 - 120	05/27/15 08:54	05/28/15 18:59	1
Nitrobenzene-d5	92		46 - 120	05/27/15 08:54	05/28/15 18:59	1
p-Terphenyl-d14	86		67 - 150	05/27/15 08:54	05/28/15 18:59	1
Phenol-d5	34		16 - 120	05/27/15 08:54	05/28/15 18:59	1

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 17:08	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 17:08	1
Endrin	0.000046	J	0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 17:08	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 17:08	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 17:08	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 17:08	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 17:08	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10

Date Collected: 05/20/15 16:55

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		20 - 120	05/26/15 14:08	05/27/15 17:08	1
Tetrachloro-m-xylene	77		36 - 120	05/26/15 14:08	05/27/15 17:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		47	17	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1221	ND		47	23	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1232	ND		47	28	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1242	190		47	16	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1248	ND		47	11	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1254	140		47	20	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1260	ND		47	13	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 08:04	06/01/15 13:19	1
DCB Decachlorobiphenyl	4	X	14 - 163	05/29/15 08:04	06/01/15 13:19	1

Method: 8151 - TCLP Herbicides - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L	-	05/27/15 09:14	06/01/15 19:17	5
2,4-D	ND		0.010	0.0020	mg/L	-	05/27/15 09:14	06/01/15 19:17	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	18	X	35 - 143	05/27/15 09:14	06/01/15 19:17	5

Method: 6010C - TCLP Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0064	J	0.015	0.0056	mg/L	-	05/26/15 12:53	05/27/15 14:14	1
Barium	4.5		1.0	0.10	mg/L	-	05/26/15 12:53	05/27/15 14:14	1
Cadmium	0.44	B	0.0020	0.00050	mg/L	-	05/26/15 12:53	05/27/15 14:14	1
Chromium	ND		0.020	0.010	mg/L	-	05/26/15 12:53	05/27/15 14:14	1
Lead	2.4	B	0.020	0.0030	mg/L	-	05/26/15 12:53	05/27/15 14:14	1
Selenium	ND		0.025	0.0087	mg/L	-	05/26/15 12:53	05/27/15 14:14	1
Silver	ND		0.0060	0.0017	mg/L	-	05/26/15 12:53	05/27/15 14:14	1

Method: 7470A - TCLP Mercury - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00026		0.00020	0.00012	mg/L	-	05/26/15 13:45	05/27/15 09:29	1

Method: 7471B - Mercury									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	6.2		0.28	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:53	10

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg	-	05/28/15 23:35	06/01/15 15:32	1
Sulfide, Reactive	ND		10	0.57	mg/Kg	-	05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F	-		06/01/15 14:43	1
pH	7.16	HF	0.100	0.100	SU	-		05/21/15 16:30	1

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8260C - TCLP Volatiles

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 480-244561/4	Lab Control Sample	110	101	105	110
MB 480-244561/6	Method Blank	104	98	102	102
Surrogate Legend					
12DCE = 1,2-Dichloroethane-d4 (Surr)					
TOL = Toluene-d8 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					

Method: 8260C - TCLP Volatiles

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)
480-80758-1	West Monroe NY-Fortino Sample #18	103	98	97	104
480-80758-1 MS	West Monroe NY-Fortino Sample #18	103	105	102	105
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	97	102	103	101
480-80758-2	West Monroe NY-Fortino Sample #26	107	100	100	104
480-80758-3	West Monroe NY-Fortino Sample #27	108	99	99	105
480-80758-4	West Monroe NY-Fortino Sample #02	112	98	98	106
480-80758-5	West Monroe NY-Fortino Sample #28	112	98	99	106
480-80758-6	West Monroe NY-Fortino Sample #37	112	98	95	112
480-80758-7	West Monroe NY-Fortino Sample #36	115	102	99	109
480-80758-8	West Monroe NY-Fortino Sample #42	115	100	98	113
480-80758-9	West Monroe NY-Fortino Sample #38	110	98	97	106
480-80758-10	West Monroe NY-Fortino Sample #30	113	99	99	107
LB 480-244321/1-A	Method Blank	107	100	99	106
Surrogate Legend					
12DCE = 1,2-Dichloroethane-d4 (Surr)					
TOL = Toluene-d8 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					

Method: 8270D - TCLP Semivolatiles

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 480-244633/2-A	Lab Control Sample	85	75	47	75	99	36

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8270D - TCLP Semivolatiles (Continued)

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)
MB 480-244633/1-A	Method Blank	60	69	43	79	100	33
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 - TCLP Semivolatiles

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)
480-80758-1	West Monroe NY-Fortino Sample #26	83	71	43	85	92	33
480-80758-2	West Monroe NY-Fortino Sample #27	74	63	38	74	80	28
480-80758-3	West Monroe NY-Fortino Sample #02	83	70	43	82	86	32
480-80758-4	West Monroe NY-Fortino Sample #28	79	69	42	80	91	33
480-80758-5	West Monroe NY-Fortino Sample #37	82	78	48	87	94	36
480-80758-6	West Monroe NY-Fortino Sample #36	74	78	46	91	92	35
480-80758-7	West Monroe NY-Fortino Sample #42	66	70	45	86	93	34
480-80758-8	West Monroe NY-Fortino Sample #38	72	78	53	93	90	37
480-80758-9	West Monroe NY-Fortino Sample #30	83	69	49	84	91	34
480-80758-10	West Monroe NY-Fortino Sample #30	81	77	52	92	86	34
LB 480-244318/1-E	Method Blank	65	57	34	64	78	27
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
TPH = p-Terphenyl-d14							
PHL = Phenol-d5							

Method: 8081B - TCLP Pesticides

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (20-120)	TCX2 (36-120)
LCS 480-244507/2-A	Lab Control Sample	59	76

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8081B - TCLP Pesticides (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB2 (20-120)	TCX2 (36-120)
LCSD 480-244507/3-A	Lab Control Sample Dup	57	72
MB 480-244507/1-A	Method Blank	50	53
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Method: 8081B - TCLP Pesticides

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB2 (20-120)	TCX2 (36-120)
480-80758-1	West Monroe NY-Fortino Sample #26	57	73
480-80758-2	West Monroe NY-Fortino Sample #27	49	62
480-80758-3	West Monroe NY-Fortino Sample #02	45	69
480-80758-4	West Monroe NY-Fortino Sample #28	56	66
480-80758-5	West Monroe NY-Fortino Sample #37	60	74
480-80758-6	West Monroe NY-Fortino Sample #36	64	68
480-80758-7	West Monroe NY-Fortino Sample #42	59	72
480-80758-8	West Monroe NY-Fortino Sample #38	64	68
480-80758-9	West Monroe NY-Fortino Sample #30	121 X	169 X
480-80758-10	West Monroe NY-Fortino Method Blank	53	77
LB 480-244318/1-D	Method Blank	69	68
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

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	TCX1 (29-151)	DCB1 (14-163)
480-80758-1	West Monroe NY-Fortino Sample #26	0 X	0 X
480-80758-2	West Monroe NY-Fortino Sample #27	0 X	8 p X
480-80758-3	West Monroe NY-Fortino Sample #02	0 X	0 X
480-80758-4	West Monroe NY-Fortino Sample #28	0 X	0 X
480-80758-5	West Monroe NY-Fortino Sample #28	112	298 p X

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (29-151)	DCB1 (14-163)
480-80758-6	West Monroe NY-Fortino Sample	0 X	0 X
480-80758-7	West Monroe NY-Fortino Sample #36	0 X	0 X
480-80758-7 MS	West Monroe NY-Fortino Sample #36	31	0 X
480-80758-7 MSD	West Monroe NY-Fortino Sample #36	125	69 p
480-80758-8	West Monroe NY-Fortino Sample #42	0 X	149 p
LCS 240-182828/24-A	Lab Control Sample	55	71
MB 240-182828/23-A	Method Blank	71	77
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

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	TCX2 (29-151)	DCB2 (14-163)
480-80758-9	West Monroe NY-Fortino Sample	0 X	0 X
480-80758-10	West Monroe NY-Fortino Sample #30	0 X	4 X
LCS 240-182836/16-A	Lab Control Sample	68	98
MB 240-182836/15-A	Method Blank	60	87
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

Method: 8151 - TCLP Herbicides

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPA1 (35-143)	
LCS 480-244653/2-A	Lab Control Sample	107	
MB 480-244653/1-A	Method Blank	100	
Surrogate Legend			
DCPA = 2,4-Dichlorophenylacetic acid			

Method: 8151 - TCLP Herbicides

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPA1 (35-143)	
480-80758-1	West Monroe NY-Fortino Sample	58	

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8151 - TCLP Herbicides (Continued)

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DCPA1 (35-143)
480-80758-2	West Monroe NY-Fortino Sample #27	42
480-80758-3	West Monroe NY-Fortino Sample #02	35
480-80758-4	West Monroe NY-Fortino Sample #28	48
480-80758-5	West Monroe NY-Fortino Sample #37	53
480-80758-6	West Monroe NY-Fortino Sample #36	24 X
480-80758-7	West Monroe NY-Fortino Sample #42	13 X
480-80758-8	West Monroe NY-Fortino Sample #38	0 X
480-80758-9	West Monroe NY-Fortino Sample #30	30 X
480-80758-10	West Monroe NY-Fortino Method Blank	18 X
LB 480-244318/1-F	Method Blank	25 X

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-244561/6

Matrix: Solid

Analysis Batch: 244561

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/26/15 23:21	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/26/15 23:21	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/26/15 23:21	1
Chloroform	ND		0.0010	0.00034	mg/L			05/26/15 23:21	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/26/15 23:21	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/26/15 23:21	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/26/15 23:21	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/26/15 23:21	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/26/15 23:21	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/26/15 23:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		05/26/15 23:21	1
Toluene-d8 (Surr)	98		71 - 126		05/26/15 23:21	1
4-Bromofluorobenzene (Surr)	102		73 - 120		05/26/15 23:21	1
Dibromofluoromethane (Surr)	102		60 - 140		05/26/15 23:21	1

Lab Sample ID: LCS 480-244561/4

Matrix: Solid

Analysis Batch: 244561

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0244		mg/L		97	71 - 124
Chlorobenzene	0.0250	0.0247		mg/L		99	72 - 120
1,2-Dichloroethane	0.0250	0.0265		mg/L		106	75 - 127
1,1-Dichloroethene	0.0250	0.0232		mg/L		93	58 - 121
Tetrachloroethene	0.0250	0.0257		mg/L		103	74 - 122
Trichloroethene	0.0250	0.0260		mg/L		104	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120
Dibromofluoromethane (Surr)	110		60 - 140

Lab Sample ID: LB 480-244321/1-A

Matrix: Solid

Analysis Batch: 244561

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 00:14	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 00:14	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 00:14	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 00:14	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 00:14	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 00:14	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 00:14	10

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-244321/1-A

Matrix: Solid

Analysis Batch: 244561

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 00:14	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 00:14	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 00:14	10

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		05/27/15 00:14	10
Toluene-d8 (Surr)	100		71 - 126		05/27/15 00:14	10
4-Bromofluorobenzene (Surr)	99		73 - 120		05/27/15 00:14	10
Dibromofluoromethane (Surr)	106		60 - 140		05/27/15 00:14	10

Lab Sample ID: 480-80758-1 MS

Matrix: Solid

Analysis Batch: 244561

Client Sample ID: West Monroe NY-Fortino Sample #18

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.250	0.260		mg/L		104	71 - 124
Chlorobenzene	ND		0.250	0.259		mg/L		103	72 - 120
1,2-Dichloroethane	ND		0.250	0.236		mg/L		94	75 - 127
1,1-Dichloroethene	ND		0.250	0.266		mg/L		107	58 - 121
Tetrachloroethene	ND		0.250	0.265		mg/L		106	74 - 122
Trichloroethene	ND		0.250	0.261		mg/L		104	74 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
Toluene-d8 (Surr)	105		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	105		60 - 140

Lab Sample ID: 480-80758-1 MSD

Matrix: Solid

Analysis Batch: 244561

Client Sample ID: West Monroe NY-Fortino Sample #18

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.250	0.245		mg/L		98	71 - 124	6	13
Chlorobenzene	ND		0.250	0.246		mg/L		98	72 - 120	5	25
1,2-Dichloroethane	ND		0.250	0.217		mg/L		87	75 - 127	8	20
1,1-Dichloroethene	ND		0.250	0.253		mg/L		101	58 - 121	5	16
Tetrachloroethene	ND		0.250	0.249		mg/L		100	74 - 122	6	20
Trichloroethene	ND		0.250	0.248		mg/L		99	74 - 123	5	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120
Dibromofluoromethane (Surr)	101		60 - 140

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8270D - TCLP Semivolatiles

Lab Sample ID: MB 480-244633/1-A

Matrix: Solid

Analysis Batch: 244853

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		05/27/15 08:54	05/28/15 11:35	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		05/27/15 08:54	05/28/15 11:35	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		05/27/15 08:54	05/28/15 11:35	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		05/27/15 08:54	05/28/15 11:35	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		05/27/15 08:54	05/28/15 11:35	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		05/27/15 08:54	05/28/15 11:35	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		05/27/15 08:54	05/28/15 11:35	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		05/27/15 08:54	05/28/15 11:35	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		05/27/15 08:54	05/28/15 11:35	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		05/27/15 08:54	05/28/15 11:35	1
Pyridine	ND		0.0063	0.00010	mg/L		05/27/15 08:54	05/28/15 11:35	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		05/27/15 08:54	05/28/15 11:35	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		05/27/15 08:54	05/28/15 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	60		52 - 132	05/27/15 08:54	05/28/15 11:35	1
2-Fluorobiphenyl	69		48 - 120	05/27/15 08:54	05/28/15 11:35	1
2-Fluorophenol	43		20 - 120	05/27/15 08:54	05/28/15 11:35	1
Nitrobenzene-d5	79		46 - 120	05/27/15 08:54	05/28/15 11:35	1
p-Terphenyl-d14	100		67 - 150	05/27/15 08:54	05/28/15 11:35	1
Phenol-d5	33		16 - 120	05/27/15 08:54	05/28/15 11:35	1

Lab Sample ID: LCS 480-244633/2-A

Matrix: Solid

Analysis Batch: 244853

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0500	0.0247		mg/L		49	32 - 120
2,4-Dinitrotoluene	0.0500	0.0490		mg/L		98	65 - 154
Hexachloroethane	0.0500	0.0233		mg/L		47	14 - 130
Pentachlorophenol	0.100	0.0747		mg/L		75	39 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	85		52 - 132
2-Fluorobiphenyl	75		48 - 120
2-Fluorophenol	47		20 - 120
Nitrobenzene-d5	75		46 - 120
p-Terphenyl-d14	99		67 - 150
Phenol-d5	36		16 - 120

Lab Sample ID: LB 480-244318/1-E

Matrix: Solid

Analysis Batch: 244853

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244633

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 12:27	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 12:27	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-244318/1-E

Matrix: Solid

Analysis Batch: 244853

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244633

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 12:27	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 12:27	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 12:27	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 12:27	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 12:27	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 12:27	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 12:27	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 12:27	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 12:27	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 12:27	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 12:27	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		52 - 132	05/27/15 08:54	05/28/15 12:27	1
2-Fluorobiphenyl	57		48 - 120	05/27/15 08:54	05/28/15 12:27	1
2-Fluorophenol	34		20 - 120	05/27/15 08:54	05/28/15 12:27	1
Nitrobenzene-d5	64		46 - 120	05/27/15 08:54	05/28/15 12:27	1
p-Terphenyl-d14	78		67 - 150	05/27/15 08:54	05/28/15 12:27	1
Phenol-d5	27		16 - 120	05/27/15 08:54	05/28/15 12:27	1

Method: 8081B - TCLP Pesticides

Lab Sample ID: MB 480-244507/1-A

Matrix: Solid

Analysis Batch: 244639

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		05/26/15 14:08	05/27/15 12:29	1
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		05/26/15 14:08	05/27/15 12:29	1
Endrin	ND		0.000050	0.0000035	mg/L		05/26/15 14:08	05/27/15 12:29	1
Heptachlor	ND		0.000050	0.0000021	mg/L		05/26/15 14:08	05/27/15 12:29	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		05/26/15 14:08	05/27/15 12:29	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		05/26/15 14:08	05/27/15 12:29	1
Toxaphene	ND		0.00050	0.000030	mg/L		05/26/15 14:08	05/27/15 12:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	50		20 - 120	05/26/15 14:08	05/27/15 12:29	1
Tetrachloro-m-xylene	53		36 - 120	05/26/15 14:08	05/27/15 12:29	1

Lab Sample ID: LCS 480-244507/2-A

Matrix: Solid

Analysis Batch: 244639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000445		mg/L		89	56 - 127
Endrin	0.000500	0.000456		mg/L		91	52 - 143
Heptachlor	0.000500	0.000451		mg/L		90	51 - 125

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8081B - TCLP Pesticides (Continued)

Lab Sample ID: LCS 480-244507/2-A

Matrix: Solid

Analysis Batch: 244639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Heptachlor epoxide	0.000500	0.000450		mg/L		90	50 - 140
Methoxychlor	0.000500	0.000477		mg/L		95	50 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	59		20 - 120
Tetrachloro-m-xylene	76		36 - 120

Lab Sample ID: LCSD 480-244507/3-A

Matrix: Solid

Analysis Batch: 244639

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 244507

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
gamma-BHC (Lindane)	0.000500	0.000431		mg/L		86	56 - 127	3	24
Endrin	0.000500	0.000404		mg/L		81	52 - 143	12	24
Heptachlor	0.000500	0.000412		mg/L		82	51 - 125	9	25
Heptachlor epoxide	0.000500	0.000427		mg/L		85	50 - 140	5	23
Methoxychlor	0.000500	0.000473		mg/L		95	50 - 151	1	26

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	57		20 - 120
Tetrachloro-m-xylene	72		36 - 120

Lab Sample ID: LB 480-244318/1-D

Matrix: Solid

Analysis Batch: 244639

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244507

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 13:25	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 13:25	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 13:25	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 13:25	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 13:25	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 13:25	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 13:25	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		20 - 120	05/26/15 14:08	05/27/15 13:25	1
Tetrachloro-m-xylene	68		36 - 120	05/26/15 14:08	05/27/15 13:25	1

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

Lab Sample ID: MB 240-182828/23-A

Matrix: Solid

Analysis Batch: 183417

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 182828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:13	06/03/15 02:25	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

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

Lab Sample ID: MB 240-182828/23-A

Matrix: Solid

Analysis Batch: 183417

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 182828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:13	06/03/15 02:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		29 - 151	05/29/15 07:13	06/03/15 02:25	1
DCB Decachlorobiphenyl	77		14 - 163	05/29/15 07:13	06/03/15 02:25	1

Lab Sample ID: LCS 240-182828/24-A

Matrix: Solid

Analysis Batch: 183417

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 182828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	217		ug/Kg		65	62 - 120
Aroclor-1260	333	225		ug/Kg		68	56 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	55		29 - 151
DCB Decachlorobiphenyl	71		14 - 163

Lab Sample ID: 480-80758-7 MS

Matrix: Solid

Analysis Batch: 183417

Client Sample ID: West Monroe NY-Fortino Sample #36

Prep Type: Total/NA

Prep Batch: 182828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	ND	F2	450	10100	p	ug/Kg	☼	NC	22 - 157
Aroclor-1260	ND		450	5450		ug/Kg	☼	NC	13 - 161

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	31		29 - 151
DCB Decachlorobiphenyl	0	X	14 - 163

Lab Sample ID: 480-80758-7 MSD

Matrix: Solid

Analysis Batch: 183417

Client Sample ID: West Monroe NY-Fortino Sample #36

Prep Type: Total/NA

Prep Batch: 182828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aroclor-1016	ND	F2 *	455	14600	p F2	ug/Kg	☼	NC	22 - 157	37	30
Aroclor-1260	ND	F2	455	7830	p	ug/Kg	☼	NC	13 - 161	2	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	125		29 - 151
DCB Decachlorobiphenyl	69	p	14 - 163

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

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

Lab Sample ID: MB 240-182836/15-A

Matrix: Solid

Analysis Batch: 183040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 182836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 08:04	06/01/15 09:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		29 - 151	05/29/15 08:04	06/01/15 09:20	1
DCB Decachlorobiphenyl	87		14 - 163	05/29/15 08:04	06/01/15 09:20	1

Lab Sample ID: LCS 240-182836/16-A

Matrix: Solid

Analysis Batch: 183040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 182836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	259		ug/Kg		78	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	68		29 - 151
DCB Decachlorobiphenyl	98		14 - 163

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-244653/1-A

Matrix: Solid

Analysis Batch: 245123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		05/27/15 09:14	05/29/15 16:12	1
2,4-D	ND		0.00050	0.00010	mg/L		05/27/15 09:14	05/29/15 16:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	100		35 - 143	05/27/15 09:14	05/29/15 16:12	1

Lab Sample ID: LCS 480-244653/2-A

Matrix: Solid

Analysis Batch: 245123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244653

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	0.00200	0.00167		mg/L		84	49 - 167
2,4-D	0.00200	0.00219		mg/L		109	36 - 179

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	107		35 - 143

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8151 - TCLP Herbicides (Continued)

Lab Sample ID: LB 480-244318/1-F

Matrix: Solid

Analysis Batch: 245435

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244653

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/27/15 09:14	06/01/15 21:16	1
2,4-D	ND		0.0020	0.00040	mg/L		05/27/15 09:14	06/01/15 21:16	1
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	25	X	35 - 143				05/27/15 09:14	06/01/15 21:16	1

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244469/2-A

Matrix: Solid

Analysis Batch: 244749

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:14	1
Barium	ND		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:14	1
Cadmium	ND		0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:14	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:14	1
Lead	ND		0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:14	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:14	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:14	1

Lab Sample ID: LCS 480-244469/3-A

Matrix: Solid

Analysis Batch: 244749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.14		mg/L		114	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	1.09		mg/L		109	80 - 120
Chromium	1.00	0.979		mg/L		98	80 - 120
Lead	1.00	1.10		mg/L		110	80 - 120
Selenium	1.00	1.17		mg/L		117	80 - 120
Silver	1.00	1.18		mg/L		118	80 - 120

Lab Sample ID: LB 480-244318/1-B

Matrix: Solid

Analysis Batch: 244749

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244469

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:11	1
Barium	ND		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:11	1
Cadmium	0.00267		0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:11	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:11	1
Lead	0.0294		0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:11	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:11	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:11	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: 480-80758-1 MS

Matrix: Solid

Analysis Batch: 244749

Client Sample ID: West Monroe NY-Fortino Sample #18

Prep Type: TCLP

Prep Batch: 244469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	ND		1.00	1.06		mg/L		106	75 - 125
Barium	3.7	F1	1.00	5.11	F1	mg/L		142	75 - 125
Cadmium	0.64	B	1.00	1.74		mg/L		111	75 - 125
Chromium	ND		1.00	0.897		mg/L		90	75 - 125
Lead	2.5	B	1.00	3.72		mg/L		125	75 - 125
Selenium	ND		1.00	1.05		mg/L		105	75 - 125
Silver	ND		1.00	1.08		mg/L		108	75 - 125

Lab Sample ID: 480-80758-1 MSD

Matrix: Solid

Analysis Batch: 244749

Client Sample ID: West Monroe NY-Fortino Sample #18

Prep Type: TCLP

Prep Batch: 244469

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	ND		1.00	1.05		mg/L		105	75 - 125	1	20
Barium	3.7	F1	1.00	5.03	F1	mg/L		133	75 - 125	2	20
Cadmium	0.64	B	1.00	1.71		mg/L		107	75 - 125	2	20
Chromium	ND		1.00	0.877		mg/L		88	75 - 125	2	20
Lead	2.5	B	1.00	3.62		mg/L		115	75 - 125	3	20
Selenium	ND		1.00	1.05		mg/L		105	75 - 125	0	20
Silver	ND		1.00	1.05		mg/L		105	75 - 125	3	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244491/2-A

Matrix: Solid

Analysis Batch: 244660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244491

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 08:59	1

Lab Sample ID: LCS 480-244491/3-A

Matrix: Solid

Analysis Batch: 244660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00668	0.00607		mg/L		91	80 - 120

Lab Sample ID: LB 480-244318/1-C

Matrix: Solid

Analysis Batch: 244660

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244491

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 08:57	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 7470A - TCLP Mercury (Continued)

Lab Sample ID: 480-80758-1 MS

Matrix: Solid

Analysis Batch: 244660

Client Sample ID: West Monroe NY-Fortino Sample #18

Prep Type: TCLP

Prep Batch: 244491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00592		mg/L		89	80 - 120

Lab Sample ID: 480-80758-1 MSD

Matrix: Solid

Analysis Batch: 244660

Client Sample ID: West Monroe NY-Fortino Sample #18

Prep Type: TCLP

Prep Batch: 244491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00597		mg/L		89	80 - 120	1	20

Method: 7471B - Mercury

Lab Sample ID: MB 480-245688/1-A

Matrix: Solid

Analysis Batch: 245852

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 245688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0083	mg/Kg		06/02/15 14:00	06/02/15 15:13	1

Lab Sample ID: LCDSRM 480-245688/3-A

Matrix: Solid

Analysis Batch: 245852

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 245688

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	3.98	3.46		mg/Kg		86.8	51.0 - 149.0	3	20

Lab Sample ID: LCSSRM 480-245688/2-A

Matrix: Solid

Analysis Batch: 245852

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 245688

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	3.98	3.35		mg/Kg		84.3	51.0 - 149.0		

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

Lab Sample ID: LCS 480-245517/1

Matrix: Solid

Analysis Batch: 245517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5		

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method (Continued)

Lab Sample ID: 480-80758-10 DU

Matrix: Solid

Analysis Batch: 245517

Client Sample ID: West Monroe NY-Fortino Sample #30

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Flashpoint	>176.0		>176.0		Degrees F		NC	10

Lab Sample ID: LCS 480-245767/1

Matrix: Solid

Analysis Batch: 245767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Lab Sample ID: 480-80758-9 DU

Matrix: Solid

Analysis Batch: 245767

Client Sample ID: West Monroe NY-Fortino Sample #38

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Flashpoint	>176.0		>176.0		Degrees F		NC	10

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-245124/1-A

Matrix: Solid

Analysis Batch: 245541

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 245124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:03	1

Lab Sample ID: LCS 480-245124/2-A

Matrix: Solid

Analysis Batch: 245541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 245124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	423.8		mg/Kg		42	10 - 100

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-245126/1-A

Matrix: Solid

Analysis Batch: 245641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 245126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Lab Sample ID: LCS 480-245126/2-A

Matrix: Solid

Analysis Batch: 245641

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 245126

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	681.3		mg/Kg		68	10 - 100

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 9045D - pH

Lab Sample ID: LCS 480-244042/1

Matrix: Solid

Analysis Batch: 244042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.980		SU		100	99 - 101

Lab Sample ID: 480-80758-8 DU

Matrix: Solid

Analysis Batch: 244042

Client Sample ID: West Monroe NY-Fortino Sample #42

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	6.97	HF	6.870		SU		1	5

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

GC/MS VOA

Leach Batch: 244321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	1311	
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	1311	
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	1311	
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	1311	
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	1311	
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	1311	
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	1311	
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	1311	
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	1311	
LB 480-244321/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 244561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8260C	244321
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	8260C	244321
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	8260C	244321
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8260C	244321
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8260C	244321
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8260C	244321
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8260C	244321
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8260C	244321
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8260C	244321
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8260C	244321
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8260C	244321
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8260C	244321
LB 480-244321/1-A	Method Blank	TCLP	Solid	8260C	244321
LCS 480-244561/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244561/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 244318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	1311	
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	1311	
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	1311	
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	1311	
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	1311	
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	1311	
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	1311	
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	1311	
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	1311	
LB 480-244318/1-E	Method Blank	TCLP	Solid	1311	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

GC/MS Semi VOA (Continued)

Prep Batch: 244633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	3510C	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	3510C	244318
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	3510C	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	3510C	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	3510C	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	3510C	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	3510C	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	3510C	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	3510C	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	3510C	244318
LB 480-244318/1-E	Method Blank	TCLP	Solid	3510C	244318
LCS 480-244633/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-244633/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8270D	244633
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8270D	244633
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8270D	244633
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8270D	244633
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8270D	244633
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8270D	244633
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8270D	244633
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8270D	244633
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8270D	244633
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8270D	244633
LB 480-244318/1-E	Method Blank	TCLP	Solid	8270D	244633
LCS 480-244633/2-A	Lab Control Sample	Total/NA	Solid	8270D	244633
MB 480-244633/1-A	Method Blank	Total/NA	Solid	8270D	244633

GC Semi VOA

Prep Batch: 182828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	3540C	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	3540C	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	3540C	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	3540C	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	3540C	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	3540C	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	3540C	
480-80758-7 MS	West Monroe NY-Fortino Sample #36	Total/NA	Solid	3540C	
480-80758-7 MSD	West Monroe NY-Fortino Sample #36	Total/NA	Solid	3540C	
LCS 240-182828/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182828/23-A	Method Blank	Total/NA	Solid	3540C	

Prep Batch: 182836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	3540C	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	3540C	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

GC Semi VOA (Continued)

Prep Batch: 182836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	3540C	
LCS 240-182836/16-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182836/15-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 183040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	8082A	182836
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	8082A	182836
LCS 240-182836/16-A	Lab Control Sample	Total/NA	Solid	8082A	182836
MB 240-182836/15-A	Method Blank	Total/NA	Solid	8082A	182836

Analysis Batch: 183417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	8082A	182828
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	8082A	182828
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	8082A	182828
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	8082A	182828
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	8082A	182828
480-80758-7 MS	West Monroe NY-Fortino Sample #36	Total/NA	Solid	8082A	182828
480-80758-7 MSD	West Monroe NY-Fortino Sample #36	Total/NA	Solid	8082A	182828
LCS 240-182828/24-A	Lab Control Sample	Total/NA	Solid	8082A	182828
MB 240-182828/23-A	Method Blank	Total/NA	Solid	8082A	182828

Analysis Batch: 183451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	8082A	182828
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	8082A	182828

Analysis Batch: 183455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	8082A	182836

Leach Batch: 244318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	1311	
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	1311	
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	1311	
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	1311	
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	1311	
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	1311	
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	1311	
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	1311	
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	1311	
LB 480-244318/1-D	Method Blank	TCLP	Solid	1311	
LB 480-244318/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 244507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	3510C	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	3510C	244318

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

GC Semi VOA (Continued)

Prep Batch: 244507 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	3510C	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	3510C	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	3510C	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	3510C	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	3510C	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	3510C	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	3510C	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	3510C	244318
LB 480-244318/1-D	Method Blank	TCLP	Solid	3510C	244318
LCS 480-244507/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-244507/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-244507/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8081B	244507
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8081B	244507
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8081B	244507
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8081B	244507
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8081B	244507
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8081B	244507
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8081B	244507
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8081B	244507
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8081B	244507
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8081B	244507
LB 480-244318/1-D	Method Blank	TCLP	Solid	8081B	244507
LCS 480-244507/2-A	Lab Control Sample	Total/NA	Solid	8081B	244507
LCSD 480-244507/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	244507
MB 480-244507/1-A	Method Blank	Total/NA	Solid	8081B	244507

Prep Batch: 244653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8151A	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8151A	244318
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8151A	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8151A	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8151A	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8151A	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8151A	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8151A	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8151A	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8151A	244318
LB 480-244318/1-F	Method Blank	TCLP	Solid	8151A	244318
LCS 480-244653/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 480-244653/1-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 245123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-244653/2-A	Lab Control Sample	Total/NA	Solid	8151	244653
MB 480-244653/1-A	Method Blank	Total/NA	Solid	8151	244653

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

GC Semi VOA (Continued)

Analysis Batch: 245435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8151	244653
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8151	244653
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8151	244653
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8151	244653
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8151	244653
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8151	244653
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8151	244653
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8151	244653
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8151	244653
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8151	244653
LB 480-244318/1-F	Method Blank	TCLP	Solid	8151	244653

Metals

Leach Batch: 244318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	1311	
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	1311	
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	1311	
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	1311	
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	1311	
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	1311	
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	1311	
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	1311	
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	1311	
LB 480-244318/1-B	Method Blank	TCLP	Solid	1311	
LB 480-244318/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 244469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	3010A	244318
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	3010A	244318
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	3010A	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	3010A	244318
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	3010A	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	3010A	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	3010A	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	3010A	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	3010A	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	3010A	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	3010A	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	3010A	244318
LB 480-244318/1-B	Method Blank	TCLP	Solid	3010A	244318
LCS 480-244469/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244469/2-A	Method Blank	Total/NA	Solid	3010A	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Metals (Continued)

Prep Batch: 244491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244318
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244318
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	7470A	244318
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	7470A	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	7470A	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	7470A	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	7470A	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	7470A	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	7470A	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	7470A	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	7470A	244318
LB 480-244318/1-C	Method Blank	TCLP	Solid	7470A	244318
LCS 480-244491/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244491/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244491
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244491
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244491
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	7470A	244491
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	7470A	244491
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	7470A	244491
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	7470A	244491
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	7470A	244491
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	7470A	244491
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	7470A	244491
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	7470A	244491
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	7470A	244491
LB 480-244318/1-C	Method Blank	TCLP	Solid	7470A	244491
LCS 480-244491/3-A	Lab Control Sample	Total/NA	Solid	7470A	244491
MB 480-244491/2-A	Method Blank	Total/NA	Solid	7470A	244491

Analysis Batch: 244749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	6010C	244469
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	6010C	244469
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	6010C	244469
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	6010C	244469
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	6010C	244469
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	6010C	244469
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	6010C	244469
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	6010C	244469
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	6010C	244469
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	6010C	244469
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	6010C	244469
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	6010C	244469
LB 480-244318/1-B	Method Blank	TCLP	Solid	6010C	244469
LCS 480-244469/3-A	Lab Control Sample	Total/NA	Solid	6010C	244469
MB 480-244469/2-A	Method Blank	Total/NA	Solid	6010C	244469

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Prep Batch: 245688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	7471B	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	7471B	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	7471B	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	7471B	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	7471B	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	7471B	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	7471B	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	7471B	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	7471B	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	7471B	
LCDSRM 480-245688/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	
LCSSRM 480-245688/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 480-245688/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 245852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	7471B	245688
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	7471B	245688
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	7471B	245688
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	7471B	245688
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	7471B	245688
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	7471B	245688
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	7471B	245688
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	7471B	245688
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	7471B	245688
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	7471B	245688
LCDSRM 480-245688/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	245688
LCSSRM 480-245688/2-A	Lab Control Sample	Total/NA	Solid	7471B	245688
MB 480-245688/1-A	Method Blank	Total/NA	Solid	7471B	245688

General Chemistry

Analysis Batch: 243884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	Moisture	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	Moisture	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	Moisture	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	Moisture	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	Moisture	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	Moisture	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	Moisture	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	Moisture	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	Moisture	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	Moisture	

Analysis Batch: 244042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	9045D	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	9045D	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	9045D	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	9045D	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	9045D	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	9045D	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

General Chemistry (Continued)

Analysis Batch: 244042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	9045D	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	9045D	
480-80758-8 DU	West Monroe NY-Fortino Sample #42	Total/NA	Solid	9045D	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	9045D	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	9045D	
LCS 480-244042/1	Lab Control Sample	Total/NA	Solid	9045D	

Prep Batch: 245124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	7.3.3	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	7.3.3	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	7.3.3	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	7.3.3	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	7.3.3	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	7.3.3	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	7.3.3	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	7.3.3	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	7.3.3	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	7.3.3	
LCS 480-245124/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-245124/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 245126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	7.3.4	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	7.3.4	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	7.3.4	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	7.3.4	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	7.3.4	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	7.3.4	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	7.3.4	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	7.3.4	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	7.3.4	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	7.3.4	
LCS 480-245126/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-245126/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 245517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	1010A	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	1010A	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	1010A	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	1010A	
480-80758-10 DU	West Monroe NY-Fortino Sample #30	Total/NA	Solid	1010A	
LCS 480-245517/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 245541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	9012	245124
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	9012	245124
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	9012	245124

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

General Chemistry (Continued)

Analysis Batch: 245541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	9012	245124
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	9012	245124
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	9012	245124
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	9012	245124
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	9012	245124
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	9012	245124
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	9012	245124
LCS 480-245124/2-A	Lab Control Sample	Total/NA	Solid	9012	245124
MB 480-245124/1-A	Method Blank	Total/NA	Solid	9012	245124

Analysis Batch: 245641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	9034	245126
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	9034	245126
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	9034	245126
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	9034	245126
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	9034	245126
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	9034	245126
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	9034	245126
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	9034	245126
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	9034	245126
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	9034	245126
LCS 480-245126/2-A	Lab Control Sample	Total/NA	Solid	9034	245126
MB 480-245126/1-A	Method Blank	Total/NA	Solid	9034	245126

Analysis Batch: 245767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	1010A	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	1010A	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	1010A	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	1010A	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	1010A	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	1010A	
480-80758-9 DU	West Monroe NY-Fortino Sample #38	Total/NA	Solid	1010A	
LCS 480-245767/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #18

Lab Sample ID: 480-80758-1

Date Collected: 05/20/15 09:20

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 00:36	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 15:04	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 13:44	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 23:33	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 14:51	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:19	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:04	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:36	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:16	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #26

Lab Sample ID: 480-80758-2

Date Collected: 05/20/15 10:00

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 00:59	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 15:30	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 14:02	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 23:52	KMG	TAL CAN

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #26

Lab Sample ID: 480-80758-2

Date Collected: 05/20/15 10:00

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 15:20	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:42	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:12	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:38	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:18	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #27

Lab Sample ID: 480-80758-3

Date Collected: 05/20/15 10:30

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 01:21	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 15:56	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 14:21	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183451	06/03/15 09:35	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 15:50	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:45	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:14	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #27

Lab Sample ID: 480-80758-3

Date Collected: 05/20/15 10:30

Matrix: Solid

Date Received: 05/21/15 02:00

Percent Solids: 66.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		10	245852	06/02/15 16:39	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:19	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #02

Lab Sample ID: 480-80758-4

Date Collected: 05/20/15 12:10

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 01:44	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 16:22	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 14:39	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		200	183417	06/03/15 00:30	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 16:20	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:48	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:19	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		1	245852	06/02/15 15:23	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:21	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #28

Lab Sample ID: 480-80758-5

Date Collected: 05/20/15 14:10

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 02:06	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 16:49	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 14:58	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		50	183451	06/03/15 09:54	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 16:49	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:51	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:20	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:45	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #37

Lab Sample ID: 480-80758-6

Date Collected: 05/20/15 14:35

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 02:29	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 17:15	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 15:53	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/03/15 01:08	KMG	TAL CAN

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #37

Lab Sample ID: 480-80758-6

Date Collected: 05/20/15 14:35

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 17:19	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:54	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:22	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:46	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:24	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #36

Lab Sample ID: 480-80758-7

Date Collected: 05/20/15 15:10

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 02:51	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 17:41	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 16:12	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/03/15 01:27	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 17:49	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:57	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:24	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #36

Lab Sample ID: 480-80758-7

Date Collected: 05/20/15 15:10

Matrix: Solid

Date Received: 05/21/15 02:00

Percent Solids: 73.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		10	245852	06/02/15 16:48	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:25	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #42

Lab Sample ID: 480-80758-8

Date Collected: 05/20/15 15:40

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 03:14	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 18:07	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 16:31	JRL	TAL BUF
Total/NA	Prep	3540C			182836	05/29/15 08:04	DT	TAL CAN
Total/NA	Analysis	8082A		100	183455	06/03/15 12:24	LSH	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		10	245435	06/01/15 18:18	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 14:08	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:26	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:50	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:26	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #38

Lab Sample ID: 480-80758-9

Date Collected: 05/20/15 16:15

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 03:36	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 18:33	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		5	244639	05/27/15 16:49	JRL	TAL BUF
Total/NA	Prep	3540C			182836	05/29/15 08:04	DT	TAL CAN
Total/NA	Analysis	8082A		1	183040	06/01/15 13:02	LSH	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 18:48	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 14:11	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:27	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:52	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:28	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10

Date Collected: 05/20/15 16:55

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 03:58	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 18:59	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 17:08	JRL	TAL BUF
Total/NA	Prep	3540C			182836	05/29/15 08:04	DT	TAL CAN
Total/NA	Analysis	8082A		1	183040	06/01/15 13:19	LSH	TAL CAN

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10

Date Collected: 05/20/15 16:55

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 19:17	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 14:14	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:29	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:53	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:32	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Laboratory References:

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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9012	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8270D	TCLP Semivolatiles	SW846	TAL BUF
8081B	TCLP Pesticides	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
8151	TCLP Herbicides	SW846	TAL BUF
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471B	Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9034	Sulfide, Reactive	SW846	TAL BUF
9045D	pH	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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80758-1	West Monroe NY-Fortino Sample #18	Solid	05/20/15 09:20	05/21/15 02:00
480-80758-2	West Monroe NY-Fortino Sample #26	Solid	05/20/15 10:00	05/21/15 02:00
480-80758-3	West Monroe NY-Fortino Sample #27	Solid	05/20/15 10:30	05/21/15 02:00
480-80758-4	West Monroe NY-Fortino Sample #02	Solid	05/20/15 12:10	05/21/15 02:00
480-80758-5	West Monroe NY-Fortino Sample #28	Solid	05/20/15 14:10	05/21/15 02:00
480-80758-6	West Monroe NY-Fortino Sample #37	Solid	05/20/15 14:35	05/21/15 02:00
480-80758-7	West Monroe NY-Fortino Sample #36	Solid	05/20/15 15:10	05/21/15 02:00
480-80758-8	West Monroe NY-Fortino Sample #42	Solid	05/20/15 15:40	05/21/15 02:00
480-80758-9	West Monroe NY-Fortino Sample #38	Solid	05/20/15 16:15	05/21/15 02:00
480-80758-10	West Monroe NY-Fortino Sample #30	Solid	05/20/15 16:55	05/21/15 02:00

>>> Select a Laboratory <<<

TA - Buffalo, NY

#N/A

#N/A

#N/A

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other: _____

Project Manager: Tom Binsfeld

Site Contact: Tom Binsfeld

Lab Contact: A. Massa

Carrier: _____

Date: 5/20/15

COC No: 2 of 2 COCs

Sampler: _____

For Lab Use Only:

Walk-In Client: _____

Lab Sampling: _____

Job / SDG No.: _____

Sample Specific Notes:

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the

Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No.: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

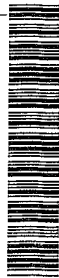
Relinquished by: _____

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

0.4, 0.7 #1

3/2/2010

Chain of Custody Record



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)		Lab PM: Deyo, Melissa L		Carrier Tracking No(s):		COC No: 480-24334-1	
Client Contact: Shipping/Receiving		Phone:				Page: Page 1 of 1	
Company: TestAmerica Laboratories, Inc.		E-Mail: melissa.deyo@testamericainc.com		Job #:		480-80758-1	
Address: 4101 Shuffel Street NW,		Due Date Requested: 6/3/2015		Analysis Requested		Preservation Codes:	
City: North Canton		TAT Requested (days):				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
State, Zip: OH, 44720		PO #:				M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Phone: 330-497-9396(Tel) 330-497-0772(Fax)		WO #:					
Email:		Project #:					
Characterization Sample - West Monroe, NY		48011778					
Site:		SSOW#:					

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=tissue, AS=air)	Field Filtered Sample (Yes or No)	Form MS/MSB (Yes or No)	8082A/3540C PCBs	Preservation Code	Total Number of Containers	Special Instructions/Note:
West Monroe NY-Fortino Sample #18 (480-80758-1)	5/20/15	09:20 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #26 (480-80758-2)	5/20/15	10:00 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #27 (480-80758-3)	5/20/15	10:30 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #02 (480-80758-4)	5/20/15	12:10 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #28 (480-80758-5)	5/20/15	14:10 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #37 (480-80758-6)	5/20/15	14:35 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #36 (480-80758-7)	5/20/15	15:10 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #42 (480-80758-8)	5/20/15	15:40 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #38 (480-80758-9)	5/20/15	16:15 Eastern	Solid	Solid	X	X	X		1	
West Monroe NY-Fortino Sample #30 (480-80758-10)	5/20/15	16:55 Eastern	Solid	Solid	X	X	X		1	

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Unconfirmed		☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Time:	
Relinquished by: <i>Carmon Wallace</i>		Date: 5-27-13 1700	
Relinquished by:		Company: <i>THB</i>	
Relinquished by:		Date/Time:	
Relinquished by:		Date/Time:	
Relinquished by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:	
Cooler Temperature(s) °C and Other Remarks:			

TestAmerica Canton Sample Receipt Form/Narrative				Login # : _____	
Canton Facility _____					
Client <u>TH BUFFALO</u>		Site Name _____		Cooler unpacked by: <u>Lance Hurl</u>	
Cooler Received on <u>5-28-15</u>		Opened on <u>5-28-15</u>			
FedEx: 1 st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____					
Receipt After-Hours: Drop-off Date/Time _____				Storage Location _____	
TestAmerica Cooler # <u>TH</u>		Foam Box _____		Client Cooler _____	
Packing material used: <u>Bubble Wrap</u>		Foam <u>Plastic Bag</u>		Box _____ Other _____	
COOLANT: <u>Wet Ice</u>		Blue Ice _____		Dry Ice _____ Water _____ None _____	
1. Cooler temperature upon receipt IR GUN# A (CF +4.0 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C IR GUN# 4 (CF +0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C ☐ See Multiple IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C Cooler Form IR GUN# 8 (CF -1.2 °C) Observed Cooler Temp. <u>3.2</u> °C Corrected Cooler Temp. <u>20</u> °C					
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes <u>No</u> -Were custody seals on the outside of the cooler(s) signed & dated? Yes <u>No</u> <u>NA</u> -Were custody seals on the bottle(s)? Yes <u>No</u> 3. Shippers' packing slip attached to the cooler(s)? <u>Yes</u> No 4. Did custody papers accompany the sample(s)? <u>Yes</u> No 5. Were the custody papers relinquished & signed in the appropriate place? <u>Yes</u> No 6. Was/were the sampler(s) clearly identified on the COC? <u>Yes</u> <u>No</u> 7. Did all bottles arrive in good condition (Unbroken)? <u>Yes</u> No 8. Could all bottle labels be reconciled with the COC? <u>Yes</u> No 9. Were correct bottle(s) used for the test(s) indicated? <u>Yes</u> No 10. Sufficient quantity received to perform indicated analyses? <u>Yes</u> No 11. Were sample(s) at the correct pH upon receipt? Yes <u>No</u> <u>NA</u> pH Strip Lot# <u>HC432654</u> 12. Were VOAs on the COC? Yes <u>No</u> 13. Were air bubbles >6 mm in any VOA vials? Yes <u>No</u> <u>NA</u> 14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes <u>No</u>					
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____ Concerning _____					

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES 	Samples processed by: _____
15. SAMPLE CONDITION Sample(s) _____ were received after the recommended holding time had expired. Sample(s) _____ were received in a broken container. Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)	
16. SAMPLE PRESERVATION Sample(s) _____ were further preserved in the laboratory. Time preserved: _____ Preservative(s) added/Lot number(s): _____	

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80758-1

Login Number: 80758

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	N/A	
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	MJ ENGINEERING
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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-80821-1

Client Project/Site: Characterization Sample -West Monroe, NY

For:

MJ Engineering & Land Surveying PC

1533 Crescent Road

Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld



Authorized for release by:

6/5/2015 11:56:38 AM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com

LINKS

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results through

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Have a Question?



Visit us at:

www.testamericainc.com

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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

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.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Job ID: 480-80821-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-80821-1

Receipt

The samples were received on 5/22/2015 2:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2° C, 0.6° C and 0.9° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 244790 recovered above the upper control limit for Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data has been reported. The following samples are impacted: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11) and West Monroe NY-Fortino Sample#SHA-1 (480-80821-12).

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP sample matrix: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11), West Monroe NY-Fortino Sample#SHA-1 (480-80821-12), West Monroe NY-Fortino Sample#40-A (480-80821-13) and (LB 480-244465/1-A). Elevated reporting limits (RL) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-244866 recovered outside acceptance criteria, low biased, for Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated sample were non-detect for this analyte, the data have been reported. West Monroe NY-Fortino Sample#40-A (480-80821-13)

Method(s) 8260C: The laboratory control sample (LCS) for batch 480-244866 recovered outside control limits for the following analyte: Vinyl chloride. This was not a requested spike compound; therefore, the data have been qualified and reported. West Monroe NY-Fortino Sample#40-A (480-80821-13)

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

GC Semi VOA

Method(s) 8081B: The continuing calibration verification (CCV) recovered above the upper control limit for Toxaphene and technical Chlordane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11), West Monroe NY-Fortino Sample#SHA-1 (480-80821-12) and West Monroe NY-Fortino Sample#40-A (480-80821-13).

Method(s) 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11), West Monroe NY-Fortino Sample#SHA-1 (480-80821-12) and West Monroe NY-Fortino Sample#40-A (480-80821-13). The sample(s) has been quantified and reported as a mixture of Aroclor. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Case Narrative

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Job ID: 480-80821-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample#39 (480-80821-10). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

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

Metals

Method(s) 6010C: The TCLP leachate blank for 244468 contained Lead above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the TCLP leachate blank.

Method(s) 6010C: The TCLP leachate blank for batch 480-244468 and 480-244679 contained Lead above the reporting limit (RL). This target analyte concentration was less than the TCLP Regulatory Limit. The associated sample was also below the TCLP Regulatory Limit for this analyte; therefore, re-extraction was not performed.

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

General Chemistry

Method(s) 9045C, 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11), West Monroe NY-Fortino Sample#SHA-1 (480-80821-12) and West Monroe NY-Fortino Sample#40-A (480-80821-13).

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

Organic Prep

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

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#50

Lab Sample ID: 480-80821-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	3200		860	290	ug/Kg	20		☒	8082A	Total/NA
Aroclor-1254	4900		860	360	ug/Kg	20		☒	8082A	Total/NA
Barium	1.6	B	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.16	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	1.1	B	0.020	0.0030	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
pH	7.02	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#49

Lab Sample ID: 480-80821-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	20000		3900	1300	ug/Kg	100		☒	8082A	Total/NA
Aroclor-1254	14000		3900	1700	ug/Kg	100		☒	8082A	Total/NA
Arsenic	0.0081	J	0.015	0.0056	mg/L	1			6010C	TCLP
Barium	2.8	B	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.33	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	1.4	B	0.020	0.0030	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
pH	7.24	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#48

Lab Sample ID: 480-80821-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	24000		2000	680	ug/Kg	50		☒	8082A	Total/NA
Aroclor-1254	13000		2000	870	ug/Kg	50		☒	8082A	Total/NA
Arsenic	0.0067	J	0.015	0.0056	mg/L	1			6010C	TCLP
Barium	3.4	B	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.31	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	2.0	B	0.020	0.0030	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
pH	7.18	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#47

Lab Sample ID: 480-80821-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Aroclor-1242	9300		1900	640	ug/Kg	50		☒	8082A	Total/NA
Aroclor-1254	7300		1900	810	ug/Kg	50		☒	8082A	Total/NA
Barium	2.0	B	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.23	B	0.0020	0.00050	mg/L	1			6010C	TCLP
Chromium	0.010	J	0.020	0.010	mg/L	1			6010C	TCLP
Lead	2.3	B	0.020	0.0030	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
pH	6.72	HF	0.100	0.100	SU	1			9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#46

Lab Sample ID: 480-80821-5

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#46 (Continued)

Lab Sample ID: 480-80821-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	17000		2200	720	ug/Kg	50	☼	8082A	Total/NA
Aroclor-1254	12000		2200	920	ug/Kg	50	☼	8082A	Total/NA
Barium	4.5	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.49	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	4.3	B	0.020	0.0030	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
pH	7.06	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#45

Lab Sample ID: 480-80821-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	24000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	26000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0058	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	3.6	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.61	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.2	B	0.020	0.0030	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
pH	7.04	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#44

Lab Sample ID: 480-80821-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	17000		4400	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	28000		4400	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	3.8	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.63	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	0.79	B	0.020	0.0030	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
pH	7.08	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#41

Lab Sample ID: 480-80821-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	56000		21000	7000	ug/Kg	500	☼	8082A	Total/NA
Aroclor-1254	62000		21000	8900	ug/Kg	500	☼	8082A	Total/NA
Arsenic	0.0068	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	4.1	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.57	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.8	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00012	J	0.00020	0.00012	mg/L	1		7470A	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
pH	7.02	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#40

Lab Sample ID: 480-80821-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	52000		9000	3000	ug/Kg	200	☼	8082A	Total/NA
Aroclor-1254	43000		9000	3800	ug/Kg	200	☼	8082A	Total/NA
Arsenic	0.0093	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	5.2	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.49	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.010	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	4.0	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00019	J	0.00020	0.00012	mg/L	1		7470A	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
pH	7.00	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#39

Lab Sample ID: 480-80821-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	45000		4900	1600	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	26000		4900	2100	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0093	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	4.1	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.47	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.015	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	1.7	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00076		0.00020	0.00012	mg/L	1		7470A	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
pH	7.15	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#31

Lab Sample ID: 480-80821-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	43000		4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	21000		4300	1800	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.012	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	6.9	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	1.1	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.026		0.020	0.010	mg/L	1		6010C	TCLP
Lead	7.9	B	0.020	0.0030	mg/L	1		6010C	TCLP
Silver	0.0020	J	0.0060	0.0017	mg/L	1		6010C	TCLP
Mercury	0.0016		0.00020	0.00012	mg/L	1		7470A	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
pH	7.10	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1

Lab Sample ID: 480-80821-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	1600		800	270	ug/Kg	20	☼	8082A	Total/NA
Aroclor-1254	4700		800	340	ug/Kg	20	☼	8082A	Total/NA
Barium	2.2	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.19	B	0.0020	0.00050	mg/L	1		6010C	TCLP

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1
(Continued)

Lab Sample ID: 480-80821-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.54	B	0.020	0.0030	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
pH	7.45	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#40-A

Lab Sample ID: 480-80821-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	36000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	36000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0068	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	3.6	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.50	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.1	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00012	J	0.00020	0.00012	mg/L	1		7470A	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
pH	7.02	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#50

Lab Sample ID: 480-80821-1

Date Collected: 05/21/15 07:45

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 01:26	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 01:26	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 01:26	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 01:26	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 01:26	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 01:26	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 01:26	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 01:26	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 01:26	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 01:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		66 - 137		05/28/15 01:26	10
Toluene-d8 (Surr)	100		71 - 126		05/28/15 01:26	10
4-Bromofluorobenzene (Surr)	107		73 - 120		05/28/15 01:26	10
Dibromofluoromethane (Surr)	100		60 - 140		05/28/15 01:26	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		860	310	ug/Kg	✱	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1221	ND		860	420	ug/Kg	✱	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1232	ND		860	520	ug/Kg	✱	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1242	3200		860	290	ug/Kg	✱	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1248	ND		860	210	ug/Kg	✱	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1254	4900		860	360	ug/Kg	✱	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1260	ND		860	230	ug/Kg	✱	05/29/15 07:13	06/02/15 19:25	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		29 - 151	05/29/15 07:13	06/02/15 19:25	20
DCB Decachlorobiphenyl	93		14 - 163	05/29/15 07:13	06/02/15 19:25	20

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 14:53	1
Barium	1.6	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 14:53	1
Cadmium	0.16	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 14:53	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 14:53	1
Lead	1.1	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 14:53	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 14:53	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 14:53	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		05/27/15 13:05	05/27/15 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	7.02	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#49

Lab Sample ID: 480-80821-2

Date Collected: 05/21/15 08:15

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 01:50	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 01:50	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 01:50	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 01:50	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 01:50	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 01:50	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 01:50	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 01:50	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 01:50	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 01:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		05/28/15 01:50	10
Toluene-d8 (Surr)	102		71 - 126		05/28/15 01:50	10
4-Bromofluorobenzene (Surr)	112		73 - 120		05/28/15 01:50	10
Dibromofluoromethane (Surr)	100		60 - 140		05/28/15 01:50	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3900	1400	ug/Kg	✱	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1221	ND		3900	1900	ug/Kg	✱	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1232	ND		3900	2400	ug/Kg	✱	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1242	20000		3900	1300	ug/Kg	✱	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1248	ND		3900	950	ug/Kg	✱	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1254	14000		3900	1700	ug/Kg	✱	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1260	ND		3900	1100	ug/Kg	✱	05/29/15 07:13	06/02/15 19:44	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/02/15 19:44	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/02/15 19:44	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0081	J	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 14:56	1
Barium	2.8	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 14:56	1
Cadmium	0.33	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 14:56	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 14:56	1
Lead	1.4	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 14:56	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 14:56	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 14:56	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		05/27/15 13:05	05/27/15 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	7.24	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#48

Lab Sample ID: 480-80821-3

Date Collected: 05/21/15 08:45

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 02:15	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 02:15	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 02:15	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 02:15	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 02:15	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 02:15	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 02:15	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 02:15	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 02:15	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 02:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137		05/28/15 02:15	10
Toluene-d8 (Surr)	98		71 - 126		05/28/15 02:15	10
4-Bromofluorobenzene (Surr)	105		73 - 120		05/28/15 02:15	10
Dibromofluoromethane (Surr)	99		60 - 140		05/28/15 02:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2000	740	ug/Kg	✱	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1221	ND		2000	990	ug/Kg	✱	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1232	ND		2000	1200	ug/Kg	✱	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1242	24000		2000	680	ug/Kg	✱	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1248	ND		2000	500	ug/Kg	✱	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1254	13000		2000	870	ug/Kg	✱	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1260	ND		2000	560	ug/Kg	✱	05/29/15 07:13	06/02/15 20:03	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	149		29 - 151	05/29/15 07:13	06/02/15 20:03	50
DCB Decachlorobiphenyl	105	p	14 - 163	05/29/15 07:13	06/02/15 20:03	50

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0067	J	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:10	1
Barium	3.4	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:10	1
Cadmium	0.31	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:10	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:10	1
Lead	2.0	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:10	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:10	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:10	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		05/27/15 13:05	05/27/15 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	7.18	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#47

Lab Sample ID: 480-80821-4

Date Collected: 05/21/15 09:25

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 02:39	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 02:39	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 02:39	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 02:39	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 02:39	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 02:39	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 02:39	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 02:39	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 02:39	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 02:39	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		05/28/15 02:39	10
Toluene-d8 (Surr)	99		71 - 126		05/28/15 02:39	10
4-Bromofluorobenzene (Surr)	107		73 - 120		05/28/15 02:39	10
Dibromofluoromethane (Surr)	104		60 - 140		05/28/15 02:39	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1900	690	ug/Kg	✱	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1221	ND		1900	920	ug/Kg	✱	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1232	ND		1900	1200	ug/Kg	✱	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1242	9300		1900	640	ug/Kg	✱	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1248	ND		1900	460	ug/Kg	✱	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1254	7300		1900	810	ug/Kg	✱	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1260	ND		1900	520	ug/Kg	✱	05/29/15 07:13	06/02/15 20:22	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	1	p X	29 - 151	05/29/15 07:13	06/02/15 20:22	50
DCB Decachlorobiphenyl	49	p	14 - 163	05/29/15 07:13	06/02/15 20:22	50

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:13	1
Barium	2.0	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:13	1
Cadmium	0.23	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:13	1
Chromium	0.010	J	0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:13	1
Lead	2.3	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:13	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:13	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:13	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		05/27/15 13:05	05/27/15 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	6.72	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#46

Lab Sample ID: 480-80821-5

Date Collected: 05/21/15 10:30

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 03:03	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 03:03	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 03:03	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 03:03	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 03:03	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 03:03	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 03:03	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 03:03	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 03:03	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 03:03	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		66 - 137		05/28/15 03:03	10
Toluene-d8 (Surr)	98		71 - 126		05/28/15 03:03	10
4-Bromofluorobenzene (Surr)	107		73 - 120		05/28/15 03:03	10
Dibromofluoromethane (Surr)	101		60 - 140		05/28/15 03:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2200	790	ug/Kg	✱	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1221	ND		2200	1100	ug/Kg	✱	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1232	ND		2200	1300	ug/Kg	✱	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1242	17000		2200	720	ug/Kg	✱	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1248	ND		2200	530	ug/Kg	✱	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1254	12000		2200	920	ug/Kg	✱	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1260	ND		2200	590	ug/Kg	✱	05/29/15 07:13	06/02/15 20:41	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	43	p	29 - 151	05/29/15 07:13	06/02/15 20:41	50
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/02/15 20:41	50

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:24	1
Barium	4.5	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:24	1
Cadmium	0.49	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:24	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:24	1
Lead	4.3	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:24	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:24	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:24	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		05/27/15 13:05	05/27/15 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	7.06	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#45

Lab Sample ID: 480-80821-6

Date Collected: 05/21/15 11:00

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 03:27	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 03:27	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 03:27	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 03:27	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 03:27	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 03:27	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 03:27	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 03:27	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 03:27	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 03:27	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		05/28/15 03:27	10
Toluene-d8 (Surr)	105		71 - 126		05/28/15 03:27	10
4-Bromofluorobenzene (Surr)	109		73 - 120		05/28/15 03:27	10
Dibromofluoromethane (Surr)	103		60 - 140		05/28/15 03:27	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	✱	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1221	ND		4500	2200	ug/Kg	✱	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1232	ND		4500	2700	ug/Kg	✱	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1242	24000		4500	1500	ug/Kg	✱	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1248	ND		4500	1100	ug/Kg	✱	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1254	26000		4500	1900	ug/Kg	✱	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1260	ND		4500	1200	ug/Kg	✱	05/29/15 07:13	06/02/15 21:00	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/02/15 21:00	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/02/15 21:00	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0058	J	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:27	1
Barium	3.6	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:27	1
Cadmium	0.61	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:27	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:27	1
Lead	2.2	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:27	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:27	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:27	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		05/27/15 13:05	05/27/15 17:15	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	7.04	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#44

Lab Sample ID: 480-80821-7

Date Collected: 05/21/15 11:30

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 03:51	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 03:51	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 03:51	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 03:51	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 03:51	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 03:51	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 03:51	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 03:51	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 03:51	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 03:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		05/28/15 03:51	10
Toluene-d8 (Surr)	97		71 - 126		05/28/15 03:51	10
4-Bromofluorobenzene (Surr)	104		73 - 120		05/28/15 03:51	10
Dibromofluoromethane (Surr)	98		60 - 140		05/28/15 03:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	✱	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1221	ND		4400	2100	ug/Kg	✱	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1232	ND		4400	2700	ug/Kg	✱	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1242	17000		4400	1500	ug/Kg	✱	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1248	ND		4400	1100	ug/Kg	✱	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1254	28000		4400	1900	ug/Kg	✱	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1260	ND		4400	1200	ug/Kg	✱	05/29/15 07:13	06/02/15 21:19	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/02/15 21:19	100
DCB Decachlorobiphenyl	36	p	14 - 163	05/29/15 07:13	06/02/15 21:19	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:30	1
Barium	3.8	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:30	1
Cadmium	0.63	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:30	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:30	1
Lead	0.79	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:30	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:30	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:30	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		05/27/15 13:05	05/27/15 17:17	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	7.08	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#41

Lab Sample ID: 480-80821-8

Date Collected: 05/21/15 13:10

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 04:15	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 04:15	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 04:15	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 04:15	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 04:15	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 04:15	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 04:15	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 04:15	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 04:15	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 04:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		05/28/15 04:15	10
Toluene-d8 (Surr)	100		71 - 126		05/28/15 04:15	10
4-Bromofluorobenzene (Surr)	109		73 - 120		05/28/15 04:15	10
Dibromofluoromethane (Surr)	102		60 - 140		05/28/15 04:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		21000	7600	ug/Kg	✱	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1221	ND		21000	10000	ug/Kg	✱	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1232	ND		21000	13000	ug/Kg	✱	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1242	56000		21000	7000	ug/Kg	✱	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1248	ND		21000	5100	ug/Kg	✱	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1254	62000		21000	8900	ug/Kg	✱	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1260	ND		21000	5700	ug/Kg	✱	05/29/15 07:13	06/02/15 21:38	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/02/15 21:38	500
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/02/15 21:38	500

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0068	J	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:33	1
Barium	4.1	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:33	1
Cadmium	0.57	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:33	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:33	1
Lead	3.8	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:33	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:33	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:33	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:19	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.02	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#40

Lab Sample ID: 480-80821-9

Date Collected: 05/21/15 13:40

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 04:39	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 04:39	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 04:39	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 04:39	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 04:39	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 04:39	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 04:39	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 04:39	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 04:39	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 04:39	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		05/28/15 04:39	10
Toluene-d8 (Surr)	100		71 - 126		05/28/15 04:39	10
4-Bromofluorobenzene (Surr)	108		73 - 120		05/28/15 04:39	10
Dibromofluoromethane (Surr)	100		60 - 140		05/28/15 04:39	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		9000	3300	ug/Kg	✱	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1221	ND		9000	4300	ug/Kg	✱	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1232	ND		9000	5400	ug/Kg	✱	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1242	52000		9000	3000	ug/Kg	✱	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1248	ND		9000	2200	ug/Kg	✱	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1254	43000		9000	3800	ug/Kg	✱	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1260	ND		9000	2400	ug/Kg	✱	05/29/15 07:13	06/02/15 21:57	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/02/15 21:57	200
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/02/15 21:57	200

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0093	J	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:35	1
Barium	5.2	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:35	1
Cadmium	0.49	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:35	1
Chromium	0.010	J	0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:35	1
Lead	4.0	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:35	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:35	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:35	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00019	J	0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.00	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#39

Lab Sample ID: 480-80821-10

Date Collected: 05/21/15 14:10

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 05:03	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 05:03	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 05:03	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 05:03	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 05:03	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 05:03	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 05:03	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 05:03	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 05:03	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 05:03	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		05/28/15 05:03	10
Toluene-d8 (Surr)	99		71 - 126		05/28/15 05:03	10
4-Bromofluorobenzene (Surr)	107		73 - 120		05/28/15 05:03	10
Dibromofluoromethane (Surr)	99		60 - 140		05/28/15 05:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4900	1800	ug/Kg	✱	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1221	ND		4900	2400	ug/Kg	✱	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1232	ND		4900	3000	ug/Kg	✱	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1242	45000		4900	1600	ug/Kg	✱	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1248	ND		4900	1200	ug/Kg	✱	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1254	26000		4900	2100	ug/Kg	✱	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1260	ND		4900	1300	ug/Kg	✱	05/29/15 07:13	06/03/15 09:15	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	124		29 - 151	05/29/15 07:13	06/03/15 09:15	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/03/15 09:15	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0093	J	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:38	1
Barium	4.1	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:38	1
Cadmium	0.47	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:38	1
Chromium	0.015	J	0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:38	1
Lead	1.7	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:38	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:38	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:38	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00076		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:23	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.15	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#31

Lab Sample ID: 480-80821-11

Date Collected: 05/21/15 14:35

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 05:27	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 05:27	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 05:27	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 05:27	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 05:27	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 05:27	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 05:27	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 05:27	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 05:27	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 05:27	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		66 - 137		05/28/15 05:27	10
Toluene-d8 (Surr)	97		71 - 126		05/28/15 05:27	10
4-Bromofluorobenzene (Surr)	104		73 - 120		05/28/15 05:27	10
Dibromofluoromethane (Surr)	100		60 - 140		05/28/15 05:27	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	✱	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1221	ND		4300	2100	ug/Kg	✱	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1232	ND		4300	2600	ug/Kg	✱	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1242	43000		4300	1400	ug/Kg	✱	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1248	ND		4300	1000	ug/Kg	✱	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1254	21000		4300	1800	ug/Kg	✱	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1260	ND		4300	1200	ug/Kg	✱	05/29/15 07:13	06/02/15 22:36	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	104		29 - 151	05/29/15 07:13	06/02/15 22:36	100
DCB Decachlorobiphenyl	111	p	14 - 163	05/29/15 07:13	06/02/15 22:36	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.012	J	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:41	1
Barium	6.9	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:41	1
Cadmium	1.1	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:41	1
Chromium	0.026		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:41	1
Lead	7.9	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:41	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:41	1
Silver	0.0020	J	0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:41	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0016		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.10	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1

Lab Sample ID: 480-80821-12

Date Collected: 05/21/15 15:45

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 05:51	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 05:51	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 05:51	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 05:51	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 05:51	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 05:51	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 05:51	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 05:51	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 05:51	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 05:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137		05/28/15 05:51	10
Toluene-d8 (Surr)	97		71 - 126		05/28/15 05:51	10
4-Bromofluorobenzene (Surr)	104		73 - 120		05/28/15 05:51	10
Dibromofluoromethane (Surr)	101		60 - 140		05/28/15 05:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		800	290	ug/Kg	✱	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1221	ND		800	390	ug/Kg	✱	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1232	ND		800	490	ug/Kg	✱	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1242	1600		800	270	ug/Kg	✱	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1248	ND		800	190	ug/Kg	✱	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1254	4700		800	340	ug/Kg	✱	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1260	ND		800	220	ug/Kg	✱	05/29/15 07:13	06/02/15 22:55	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	46	p	29 - 151	05/29/15 07:13	06/02/15 22:55	20
DCB Decachlorobiphenyl	118	p	14 - 163	05/29/15 07:13	06/02/15 22:55	20

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:44	1
Barium	2.2	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:44	1
Cadmium	0.19	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:44	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:44	1
Lead	0.54	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:44	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:44	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:44	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		05/27/15 13:05	05/27/15 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.45	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#40-A

Lab Sample ID: 480-80821-13

Date Collected: 05/21/15 15:50

Matrix: Solid

Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 19:29	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 19:29	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 19:29	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 19:29	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 19:29	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 19:29	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 19:29	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 19:29	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 19:29	10
Vinyl chloride	ND	*	0.010	0.0090	mg/L			05/28/15 19:29	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		66 - 137		05/28/15 19:29	10
Toluene-d8 (Surr)	96		71 - 126		05/28/15 19:29	10
4-Bromofluorobenzene (Surr)	105		73 - 120		05/28/15 19:29	10
Dibromofluoromethane (Surr)	99		60 - 140		05/28/15 19:29	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	✱	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1221	ND		4500	2200	ug/Kg	✱	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1232	ND		4500	2700	ug/Kg	✱	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1242	36000		4500	1500	ug/Kg	✱	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1248	ND		4500	1100	ug/Kg	✱	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1254	36000		4500	1900	ug/Kg	✱	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1260	ND		4500	1200	ug/Kg	✱	05/29/15 07:13	06/02/15 23:14	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	44	p	29 - 151	05/29/15 07:13	06/02/15 23:14	100
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/02/15 23:14	100

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0068	J	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:47	1
Barium	3.6	B	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:47	1
Cadmium	0.50	B	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:47	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:47	1
Lead	2.1	B	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:47	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:47	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:47	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	7.02	HF	0.100	0.100	SU			05/22/15 13:40	1

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 8260C - TCLP Volatiles

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 480-244790/4	Lab Control Sample	85	99	111	97
LCS 480-244866/5	Lab Control Sample	86	100	111	99
MB 480-244790/6	Method Blank	89	99	105	96
MB 480-244866/7	Method Blank	87	97	105	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

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)
480-80821-1	West Monroe NY-Fortino Sample#49	93	100	107	100
480-80821-2	West Monroe NY-Fortino Sample#48	96	102	112	100
480-80821-3	West Monroe NY-Fortino Sample#47	91	98	105	99
480-80821-4	West Monroe NY-Fortino Sample#46	95	99	107	104
480-80821-5	West Monroe NY-Fortino Sample#45	93	98	107	101
480-80821-6	West Monroe NY-Fortino Sample#44	98	105	109	103
480-80821-7	West Monroe NY-Fortino Sample#41	92	97	104	98
480-80821-8	West Monroe NY-Fortino Sample#40	96	100	109	102
480-80821-9	West Monroe NY-Fortino Sample#39	94	100	108	100
480-80821-10	West Monroe NY-Fortino Sample#31	94	99	107	99
480-80821-11	West Monroe NY-Fortino Sample#SHA-1	93	97	104	100
480-80821-12	West Monroe NY-Fortino Sample#40-A	91	97	104	101
480-80821-13	West Monroe NY-Fortino Method Blank	90	96	105	99
LB 480-244465/1-A	Method Blank	91	101	108	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TestAmerica Buffalo

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (29-151)	DCB1 (14-163)
480-80821-1	West Monroe NY-Fortino Sample#49	70	93
480-80821-2	West Monroe NY-Fortino Sample#49	0 X	0 X
480-80821-3	West Monroe NY-Fortino Sample#48	149	105 p
480-80821-4	West Monroe NY-Fortino Sample#47	1 p X	49 p
480-80821-5	West Monroe NY-Fortino Sample#46	43 p	0 X
480-80821-6	West Monroe NY-Fortino Sample#45	0 X	0 X
480-80821-7	West Monroe NY-Fortino Sample#44	0 X	36 p
480-80821-8	West Monroe NY-Fortino Sample#41	0 X	0 X
480-80821-9	West Monroe NY-Fortino Sample#40	0 X	0 X
480-80821-10	West Monroe NY-Fortino Sample#39	124	0 X
480-80821-11	West Monroe NY-Fortino Sample#31	104	111 p
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	46 p	118 p
480-80821-13	West Monroe NY-Fortino Sample#40-A	44 p	0 X
LCS 240-182828/24-A	Lab Control Sample	55	71
MB 240-182828/23-A	Method Blank	71	77

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-244790/6

Matrix: Solid

Analysis Batch: 244790

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/27/15 22:01	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/27/15 22:01	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/27/15 22:01	1
Chloroform	ND		0.0010	0.00034	mg/L			05/27/15 22:01	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/27/15 22:01	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/27/15 22:01	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/27/15 22:01	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/27/15 22:01	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/27/15 22:01	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/27/15 22:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		66 - 137		05/27/15 22:01	1
Toluene-d8 (Surr)	99		71 - 126		05/27/15 22:01	1
4-Bromofluorobenzene (Surr)	105		73 - 120		05/27/15 22:01	1
Dibromofluoromethane (Surr)	96		60 - 140		05/27/15 22:01	1

Lab Sample ID: LCS 480-244790/4

Matrix: Solid

Analysis Batch: 244790

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0269		mg/L		107	71 - 124
Chlorobenzene	0.0250	0.0272		mg/L		109	72 - 120
1,2-Dichloroethane	0.0250	0.0230		mg/L		92	75 - 127
1,1-Dichloroethene	0.0250	0.0278		mg/L		111	58 - 121
Tetrachloroethene	0.0250	0.0304		mg/L		122	74 - 122
Trichloroethene	0.0250	0.0265		mg/L		106	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	111		73 - 120
Dibromofluoromethane (Surr)	97		60 - 140

Lab Sample ID: MB 480-244866/7

Matrix: Solid

Analysis Batch: 244866

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/28/15 11:31	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/28/15 11:31	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/28/15 11:31	1
Chloroform	ND		0.0010	0.00034	mg/L			05/28/15 11:31	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/28/15 11:31	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/28/15 11:31	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/28/15 11:31	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: MB 480-244866/7

Matrix: Solid

Analysis Batch: 244866

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/28/15 11:31	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/28/15 11:31	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/28/15 11:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		66 - 137					05/28/15 11:31	1
Toluene-d8 (Surr)	97		71 - 126					05/28/15 11:31	1
4-Bromofluorobenzene (Surr)	105		73 - 120					05/28/15 11:31	1
Dibromofluoromethane (Surr)	96		60 - 140					05/28/15 11:31	1

Lab Sample ID: LCS 480-244866/5

Matrix: Solid

Analysis Batch: 244866

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0259		mg/L		104	71 - 124
Chlorobenzene	0.0250	0.0274		mg/L		110	72 - 120
1,2-Dichloroethane	0.0250	0.0232		mg/L		93	75 - 127
1,1-Dichloroethene	0.0250	0.0246		mg/L		98	58 - 121
Tetrachloroethene	0.0250	0.0281		mg/L		112	74 - 122
Trichloroethene	0.0250	0.0247		mg/L		99	74 - 123
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	86		66 - 137				
Toluene-d8 (Surr)	100		71 - 126				
4-Bromofluorobenzene (Surr)	111		73 - 120				
Dibromofluoromethane (Surr)	99		60 - 140				

Lab Sample ID: LB 480-244465/1-A

Matrix: Solid

Analysis Batch: 244790

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 22:38	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 22:38	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 22:38	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 22:38	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 22:38	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 22:38	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 22:38	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 22:38	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 22:38	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 22:38	10
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137					05/27/15 22:38	10
Toluene-d8 (Surr)	101		71 - 126					05/27/15 22:38	10

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-244465/1-A
Matrix: Solid
Analysis Batch: 244790

Client Sample ID: Method Blank
Prep Type: TCLP

Surrogate	LB LB %Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		73 - 120		05/27/15 22:38	10
Dibromofluoromethane (Surr)	98		60 - 140		05/27/15 22:38	10

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

Lab Sample ID: MB 240-182828/23-A
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182828

Analyte	MB MB Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:13	06/03/15 02:25	1

Surrogate	MB MB %Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		29 - 151	05/29/15 07:13	06/03/15 02:25	1
DCB Decachlorobiphenyl	77		14 - 163	05/29/15 07:13	06/03/15 02:25	1

Lab Sample ID: LCS 240-182828/24-A
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182828
%Rec.

Analyte	Spike Added	LCS LCS Result	Qualifier	Unit	D	%Rec	Limits
Aroclor-1016	333	217		ug/Kg		65	62 - 120
Aroclor-1260	333	225		ug/Kg		68	56 - 122

Surrogate	LCS LCS %Recovery	Qualifier	Limits
Tetrachloro-m-xylene	55		29 - 151
DCB Decachlorobiphenyl	71		14 - 163

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244679/2-A
Matrix: Solid
Analysis Batch: 245060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244679

Analyte	MB MB Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 14:40	1
Barium	ND		1.0	0.10	mg/L		05/27/15 11:15	05/28/15 14:40	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 14:40	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 14:40	1
Lead	ND		0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 14:40	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 14:40	1

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: MB 480-244679/2-A

Matrix: Solid

Analysis Batch: 245060

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 14:40	1

Lab Sample ID: LCS 480-244679/3-A

Matrix: Solid

Analysis Batch: 245060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	1.00	1.02		mg/L		102	80 - 120
Barium	1.00	1.14		mg/L		114	80 - 120
Cadmium	1.00	1.01		mg/L		101	80 - 120
Chromium	1.00	0.973		mg/L		97	80 - 120
Lead	1.00	1.08		mg/L		108	80 - 120
Selenium	1.00	1.10		mg/L		110	80 - 120
Silver	1.00	1.11		mg/L		111	80 - 120

Lab Sample ID: LB 480-244468/1-B

Matrix: Solid

Analysis Batch: 245060

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244679

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 14:37	1
Barium	0.281	J	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 14:37	1
Cadmium	0.000970	J	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 14:37	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 14:37	1
Lead	0.0648		0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 14:37	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 14:37	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 14:37	1

Lab Sample ID: 480-80821-2 MS

Matrix: Solid

Analysis Batch: 245060

Client Sample ID: West Monroe NY-Fortino Sample#49

Prep Type: TCLP

Prep Batch: 244679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.0081	J	1.00	1.04		mg/L		103	75 - 125
Barium	2.8	B	1.00	3.55		mg/L		77	75 - 125
Cadmium	0.33	B	1.00	1.34		mg/L		100	75 - 125
Chromium	ND		1.00	0.931		mg/L		93	75 - 125
Lead	1.4	B	1.00	2.28		mg/L		89	75 - 125
Selenium	ND		1.00	1.06		mg/L		106	75 - 125
Silver	ND		1.00	1.10		mg/L		110	75 - 125

Lab Sample ID: 480-80821-2 MSD

Matrix: Solid

Analysis Batch: 245060

Client Sample ID: West Monroe NY-Fortino Sample#49

Prep Type: TCLP

Prep Batch: 244679

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	0.0081	J	1.00	1.04		mg/L		103	75 - 125	0	20
Barium	2.8	B	1.00	3.61		mg/L		83	75 - 125	2	20
Cadmium	0.33	B	1.00	1.34		mg/L		101	75 - 125	0	20

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: 480-80821-2 MSD

Matrix: Solid

Analysis Batch: 245060

Client Sample ID: West Monroe NY-Fortino Sample#49

Prep Type: TCLP

Prep Batch: 244679

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	ND		1.00	0.932		mg/L		93	75 - 125	0	20
Lead	1.4	B	1.00	2.30		mg/L		90	75 - 125	1	20
Selenium	ND		1.00	1.07		mg/L		107	75 - 125	1	20
Silver	ND		1.00	1.10		mg/L		110	75 - 125	1	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244708/2-A

Matrix: Solid

Analysis Batch: 244830

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 16:56	1

Lab Sample ID: LCS 480-244708/3-A

Matrix: Solid

Analysis Batch: 244830

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244708

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00615		mg/L		92	80 - 120

Lab Sample ID: LB 480-244468/1-C

Matrix: Solid

Analysis Batch: 244830

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 244708

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 16:54	1

Lab Sample ID: 480-80821-2 MS

Matrix: Solid

Analysis Batch: 244830

Client Sample ID: West Monroe NY-Fortino Sample#49

Prep Type: TCLP

Prep Batch: 244708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00620		mg/L		93	80 - 120

Lab Sample ID: 480-80821-2 MSD

Matrix: Solid

Analysis Batch: 244830

Client Sample ID: West Monroe NY-Fortino Sample#49

Prep Type: TCLP

Prep Batch: 244708

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00603		mg/L		90	80 - 120	3	20

TestAmerica Buffalo

QC Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

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

Lab Sample ID: LCS 480-246065/1

Matrix: Solid

Analysis Batch: 246065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	82.00		Degrees F		101	97.5 - 102.5

Lab Sample ID: LCS 480-246318/1

Matrix: Solid

Analysis Batch: 246318

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	82.00		Degrees F		101	97.5 - 102.5

Lab Sample ID: 480-80821-8 DU

Matrix: Solid

Analysis Batch: 246318

Client Sample ID: West Monroe NY-Fortino Sample#41

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>176.0		>176.0		Degrees F		NC	10

Method: 9045D - pH

Lab Sample ID: LCS 480-244196/1

Matrix: Solid

Analysis Batch: 244196

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.960		SU		99	99 - 101

Lab Sample ID: 480-80821-1 DU

Matrix: Solid

Analysis Batch: 244196

Client Sample ID: West Monroe NY-Fortino Sample#50

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.02	HF	6.990		SU		0.4	5

Lab Sample ID: 480-80821-10 DU

Matrix: Solid

Analysis Batch: 244196

Client Sample ID: West Monroe NY-Fortino Sample#39

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.15	HF	7.110		SU		0.6	5

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

GC/MS VOA

Leach Batch: 244465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	1311	
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	1311	
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	1311	
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	1311	
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	1311	
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	1311	
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	1311	
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	1311	
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	1311	
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	1311	
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	1311	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	1311	
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	1311	
LB 480-244465/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 244790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	8260C	244465
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	8260C	244465
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	8260C	244465
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	8260C	244465
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	8260C	244465
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	8260C	244465
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	8260C	244465
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	8260C	244465
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	8260C	244465
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	8260C	244465
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	8260C	244465
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	8260C	244465
LB 480-244465/1-A	Method Blank	TCLP	Solid	8260C	244465
LCS 480-244790/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244790/6	Method Blank	Total/NA	Solid	8260C	

Analysis Batch: 244866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	8260C	244465
LCS 480-244866/5	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244866/7	Method Blank	Total/NA	Solid	8260C	

GC Semi VOA

Prep Batch: 182828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	3540C	
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	3540C	
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	3540C	
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	3540C	
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	3540C	
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	3540C	
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	3540C	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

GC Semi VOA (Continued)

Prep Batch: 182828 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	3540C	
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	3540C	
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	3540C	
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	3540C	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	3540C	
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	3540C	
LCS 240-182828/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182828/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 183417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	8082A	182828
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	8082A	182828
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	8082A	182828
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	8082A	182828
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	8082A	182828
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	8082A	182828
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	8082A	182828
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	8082A	182828
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	8082A	182828
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	8082A	182828
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	8082A	182828
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	8082A	182828
LCS 240-182828/24-A	Lab Control Sample	Total/NA	Solid	8082A	182828
MB 240-182828/23-A	Method Blank	Total/NA	Solid	8082A	182828

Analysis Batch: 183451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	8082A	182828

Metals

Leach Batch: 244468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	1311	
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	1311	
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	1311	
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	1311	
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	1311	
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	1311	
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	1311	
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	1311	
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	1311	
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	1311	
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	1311	
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	1311	
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	1311	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	1311	
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	1311	
LB 480-244468/1-B	Method Blank	TCLP	Solid	1311	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Metals (Continued)

Leach Batch: 244468 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-244468/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 244679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	3010A	244468
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	3010A	244468
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	3010A	244468
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	3010A	244468
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	3010A	244468
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	3010A	244468
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	3010A	244468
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	3010A	244468
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	3010A	244468
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	3010A	244468
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	3010A	244468
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	3010A	244468
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	3010A	244468
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	3010A	244468
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	3010A	244468
LB 480-244468/1-B	Method Blank	TCLP	Solid	3010A	244468
LCS 480-244679/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244679/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 244708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	7470A	244468
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244468
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244468
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244468
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	7470A	244468
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	7470A	244468
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	7470A	244468
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	7470A	244468
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	7470A	244468
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	7470A	244468
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	7470A	244468
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	7470A	244468
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	7470A	244468
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	7470A	244468
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	7470A	244468
LB 480-244468/1-C	Method Blank	TCLP	Solid	7470A	244468
LCS 480-244708/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244708/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	7470A	244708
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244708
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244708
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244708
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	7470A	244708

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Metals (Continued)

Analysis Batch: 244830 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	7470A	244708
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	7470A	244708
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	7470A	244708
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	7470A	244708
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	7470A	244708
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	7470A	244708
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	7470A	244708
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	7470A	244708
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	7470A	244708
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	7470A	244708
LB 480-244468/1-C	Method Blank	TCLP	Solid	7470A	244708
LCS 480-244708/3-A	Lab Control Sample	Total/NA	Solid	7470A	244708
MB 480-244708/2-A	Method Blank	Total/NA	Solid	7470A	244708

Analysis Batch: 245060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	6010C	244679
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	6010C	244679
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	6010C	244679
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	6010C	244679
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	6010C	244679
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	6010C	244679
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	6010C	244679
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	6010C	244679
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	6010C	244679
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	6010C	244679
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	6010C	244679
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	6010C	244679
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	6010C	244679
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	6010C	244679
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	6010C	244679
LB 480-244468/1-B	Method Blank	TCLP	Solid	6010C	244679
LCS 480-244679/3-A	Lab Control Sample	Total/NA	Solid	6010C	244679
MB 480-244679/2-A	Method Blank	Total/NA	Solid	6010C	244679

General Chemistry

Analysis Batch: 244057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	Moisture	
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	Moisture	
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	Moisture	
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	Moisture	
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	Moisture	
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	Moisture	
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	Moisture	
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	Moisture	
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	Moisture	
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	Moisture	
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	Moisture	

TestAmerica Buffalo

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

General Chemistry (Continued)

Analysis Batch: 244057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	Moisture	
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	Moisture	

Analysis Batch: 244196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	9045D	
480-80821-1 DU	West Monroe NY-Fortino Sample#50	Total/NA	Solid	9045D	
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	9045D	
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	9045D	
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	9045D	
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	9045D	
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	9045D	
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	9045D	
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	9045D	
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	9045D	
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	9045D	
480-80821-10 DU	West Monroe NY-Fortino Sample#39	Total/NA	Solid	9045D	
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	9045D	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	9045D	
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	9045D	
LCS 480-244196/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 246065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	1010A	
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	1010A	
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	1010A	
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	1010A	
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	1010A	
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	1010A	
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	1010A	
LCS 480-246065/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 246318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	1010A	
480-80821-8 DU	West Monroe NY-Fortino Sample#41	Total/NA	Solid	1010A	
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	1010A	
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	1010A	
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	1010A	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	1010A	
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	1010A	
LCS 480-246318/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#50

Lab Sample ID: 480-80821-1

Date Collected: 05/21/15 07:45

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 01:26	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		20	183417	06/02/15 19:25	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 14:53	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 16:59	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#49

Lab Sample ID: 480-80821-2

Date Collected: 05/21/15 08:15

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 01:50	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 19:44	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 14:56	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:00	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#48

Lab Sample ID: 480-80821-3

Date Collected: 05/21/15 08:45

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 02:15	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		50	183417	06/02/15 20:03	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#48

Lab Sample ID: 480-80821-3

Date Collected: 05/21/15 08:45

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:10	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:07	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#47

Lab Sample ID: 480-80821-4

Date Collected: 05/21/15 09:25

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 02:39	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		50	183417	06/02/15 20:22	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:13	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:09	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#46

Lab Sample ID: 480-80821-5

Date Collected: 05/21/15 10:30

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 03:03	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		50	183417	06/02/15 20:41	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:24	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:14	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#46

Lab Sample ID: 480-80821-5

Date Collected: 05/21/15 10:30

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#45

Lab Sample ID: 480-80821-6

Date Collected: 05/21/15 11:00

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 03:27	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 21:00	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:27	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:15	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#44

Lab Sample ID: 480-80821-7

Date Collected: 05/21/15 11:30

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 03:51	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 21:19	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:30	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:17	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#41

Lab Sample ID: 480-80821-8

Date Collected: 05/21/15 13:10

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 04:15	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		500	183417	06/02/15 21:38	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:33	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:19	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#40

Lab Sample ID: 480-80821-9

Date Collected: 05/21/15 13:40

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 04:39	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		200	183417	06/02/15 21:57	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:35	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:21	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#39

Lab Sample ID: 480-80821-10

Date Collected: 05/21/15 14:10

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 05:03	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183451	06/03/15 09:15	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#39

Lab Sample ID: 480-80821-10

Date Collected: 05/21/15 14:10

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:38	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:23	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#31

Lab Sample ID: 480-80821-11

Date Collected: 05/21/15 14:35

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 05:27	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 22:36	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:41	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:24	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1

Lab Sample ID: 480-80821-12

Date Collected: 05/21/15 15:45

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 05:51	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		20	183417	06/02/15 22:55	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:44	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:26	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1

Lab Sample ID: 480-80821-12

Date Collected: 05/21/15 15:45

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#40-A

Lab Sample ID: 480-80821-13

Date Collected: 05/21/15 15:50

Matrix: Solid

Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244866	05/28/15 19:29	NMD1	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 23:14	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:47	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:28	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Laboratory References:

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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16
The following analytes are included in this report, but certification is not offered by the governing authority:				
Analysis Method	Prep Method	Matrix	Analyte	
7470A	7470A	Solid	Mercury	
Moisture		Solid	Percent Moisture	
Moisture		Solid	Percent Solids	

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9045D	pH	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

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80821-1	West Monroe NY-Fortino Sample#50	Solid	05/21/15 07:45	05/22/15 02:45
480-80821-2	West Monroe NY-Fortino Sample#49	Solid	05/21/15 08:15	05/22/15 02:45
480-80821-3	West Monroe NY-Fortino Sample#48	Solid	05/21/15 08:45	05/22/15 02:45
480-80821-4	West Monroe NY-Fortino Sample#47	Solid	05/21/15 09:25	05/22/15 02:45
480-80821-5	West Monroe NY-Fortino Sample#46	Solid	05/21/15 10:30	05/22/15 02:45
480-80821-6	West Monroe NY-Fortino Sample#45	Solid	05/21/15 11:00	05/22/15 02:45
480-80821-7	West Monroe NY-Fortino Sample#44	Solid	05/21/15 11:30	05/22/15 02:45
480-80821-8	West Monroe NY-Fortino Sample#41	Solid	05/21/15 13:10	05/22/15 02:45
480-80821-9	West Monroe NY-Fortino Sample#40	Solid	05/21/15 13:40	05/22/15 02:45
480-80821-10	West Monroe NY-Fortino Sample#39	Solid	05/21/15 14:10	05/22/15 02:45
480-80821-11	West Monroe NY-Fortino Sample#31	Solid	05/21/15 14:35	05/22/15 02:45
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Solid	05/21/15 15:45	05/22/15 02:45
480-80821-13	West Monroe NY-Fortino Sample#40-A	Solid	05/21/15 15:50	05/22/15 02:45

>>> Select a Laboratory <<<

TA - Buffalo, NY

#N/A

#N/A

#N/A

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: Tom Binsfeld		Site Contact: Tom Binsfeld		Date: 5/21/15		COC No: 2	
MJ Engineering & Land Surveying		Tel/Fax: 518-577-9959 (cell)		Lab Contact: A. Massa		Carrier:		COCs	
1533 Crescent Rd		Analysis Turnaround Time							
Clifton Park, NY 12065		☐ CALENDAR DAYS ☒ WORKING DAYS							
(518) 370-0799 Phone		TAT if different from Below							
(518) 371-0822 FAX		☒ 2 weeks							
Project Name: Fortino Tire Site Investigation		☐ 1 week							
Site: Fortino Tire Site Investigation		☐ 2 days							
P O # (Project # 915.06)		☐ 1 day							

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 50	5/21	0745	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 49	5/21	815	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 48	5/21	845	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 47	5/21	925	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 46	5/21	1030	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 45	5/21	1100	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 44	5/21	1130	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	



480-80821 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No

Relinquished by: *[Signature]* Date/Time: 5/21/15 17:45

Relinquished by: *[Signature]* Date/Time: 5/21/15 02:45

Relinquished by: *[Signature]* Date/Time: 5/21/15 02:45

Custody Seal No.: _____

Company: *[Signature]* Date/Time: 5/21/15 17:45

Company: *[Signature]* Date/Time: 5/21/15 02:45

Company: *[Signature]* Date/Time: 5/21/15 02:45

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

>>> Select a Laboratory <<<

TA - Buffalo, NY

#N/A

#N/A

#N/A

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: Tom Binsfeld		Site Contact: Tom Binsfeld		Date: 5/21/15		Carrier: 2 of 2 COCs	
MJ Engineering & Land Surveying		Tel/Fax: 518-577-9959 (cell)		Lab Contact: A. Massa					
1533 Crescent Rd		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		Metals (Hg)	
Clifton Park, NY 12065		☐ CALENDAR DAYS ☒ WORKING DAYS							
(518) 370-0799 Phone		TAT if different from Below							
(518) 371-0822 FAX		☒ 2 weeks							
Project Name: Fortino Tire Site Investigation		☐ 1 week							
Site: Fortino Tire Site Investigation		☐ 2 days							
P O # (Project # 915.06)		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:		
West Monroe NY - Fortino Sample # 41	5/21	1310	Comp	Soil		6	X	X	
West Monroe NY - Fortino Sample # 42	5/21	1340	Comp	Soil		6	X	X	
West Monroe NY - Fortino Sample # 43	5/21	1410	Comp	Soil		6	X	X	
West Monroe NY - Fortino Sample # 44	5/21	1435	Comp	Soil		6	X	X	
West Monroe NY - Fortino Sample # 45	5/21	1545	Comp	Soil		6	X	X	
West Monroe NY - Fortino Sample # 46	5/21	1550	Comp	Soil		6	X	X	
West Monroe NY - Fortino Sample # 47							X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Cor'd:		Therm ID No.:	
Relinquished by: [Signature]		Company: MD Engineering		Received by: [Signature]		Company: Syn		Date/Time: 5-21-15 17:15	
Relinquished by: [Signature]		Company: Syn		Received by: [Signature]		Company: Syn		Date/Time: 22 MAY 15 02:45	
Relinquished by: [Signature]		Company: Syn		Received by: [Signature]		Company: Syn		Date/Time: 22 MAY 15 02:45	

0.2106,09

#1

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80821-1

Login Number: 80821

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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	MJ ENGINEERING
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	