

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-66160-1

Client Project/Site: Turnkey- 500 S. Union (Spencerport) site

For:

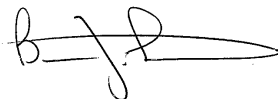
Turnkey Environmental Restoration, LLC

2558 Hamburg Turnpike

Suite 300

Lackawanna, New York 14218

Attn: Mr. Michael Lesakowski



Authorized for release by:

9/11/2014 9:53:09 AM

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

LINKS

Review your project
results through

TotalAccess

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.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	6
Client Sample Results	8
Surrogate Summary	21
QC Sample Results	23
QC Association Summary	32
Lab Chronicle	36
Certification Summary	39
Method Summary	40
Sample Summary	41
Chain of Custody	42
Receipt Checklists	44



Definitions/Glossary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Qualifiers

GC/MS VOA

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.

GC/MS Semi VOA

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.

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.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

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: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Job ID: 480-66160-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-66160-1

Comments

No additional comments.

Receipt

The samples were received on 8/26/2014 6:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 10.8° C.

Except:

The following sample(s) was received at the laboratory outside the required temperature criteria: . The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

GC/MS VOA

Method(s) 8260C: The method blank for batch 200759 contained Toluene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260C: Reported analyte concentrations in the following sample(s) are below 200ug/kg and may be biased low due to the sample(s) not being collected according to 5035-L/5035A-L low-level specifications: VOC-01 (480-66160-3), VOC-02 (480-66160-4), VOC-03 (480-66160-5), VOC-04 (480-66160-6), VOC-05 (480-66160-7), VOC-06 (480-66160-8).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch recovered outside acceptance criteria, low biased, for one or more of the following: Chloromethane, Vinyl acetate and/or Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8260C: Reported analyte concentrations in the following samples are below 200ug/kg and may be biased low due to the samples not being collected according to 5035-L/5035A-L low-level specifications: VOC-07 (480-66160-9).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 200909 recovered outside acceptance criteria, low biased, for Chloromethane and/or Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

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) 8082A: The following samples required dilution due to the matrix effects and are reported as elevated non-detections for all target analytes (Aroclors) ; COMP-01 (480-66160-1). The reported values represent the lowest limit that can be ascertained given the sample composition.

Method(s) 8082A: For method 8082, the recovery of the one surrogate in samples COMP-01 (480-66160-1) exceeds quality control limits due to the sample matrix. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required.

Method(s) 8081B: The following samples were diluted due to an abundance of target analytes: COMP-01 (480-66160-1), COMP-02 (480-66160-2). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following matrix spikes were diluted due to matrix effects: COMP-01 (480-66160-2 MS), COMP-01 (480-66160-2 MSD). Spike and Surrogate recoveries are not reported or not representative, and elevated reporting limits (RLs) are provided.

Case Narrative

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Job ID: 480-66160-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8081B: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Decachlorobiphenyl was decreased and exceeded 20% , indicating a low bias. COMP-01 (CCV 480-200769/9)

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 480-200184/47) recovered above the upper control limit for manganese. The sample(s) COMP-01 (480-66160-1), COMP-01 (LCSSRM 480-200057/2-), COMP-01 (MB 480-200057/1-A), COMP-02 (480-66160-2), VOC-07 (LCSSRM 480-200057/2-), VOC-07 (MB 480-200057/1-A) associated with this CCVL were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

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

General Chemistry

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

Organic Prep

Method(s) 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: COMP-01 (480-66160-1), COMP-01 (480-66160-2 MS), COMP-01 (480-66160-2 MSD), COMP-02 (480-66160-2).

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

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: COMP-01

Lab Sample ID: 480-66160-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
4,4'-DDD	680		100	20	ug/Kg	50		✱	8081B	Total/NA
4,4'-DDE	2100		100	21	ug/Kg	50		✱	8081B	Total/NA
4,4'-DDT	800		100	24	ug/Kg	50		✱	8081B	Total/NA
Methoxychlor	70	J	100	21	ug/Kg	50		✱	8081B	Total/NA
Arsenic	8.9		2.5		mg/Kg	1		✱	6010C	Total/NA
Barium	70.1		0.62		mg/Kg	1		✱	6010C	Total/NA
Beryllium	0.41		0.25		mg/Kg	1		✱	6010C	Total/NA
Chromium	11.1		0.62		mg/Kg	1		✱	6010C	Total/NA
Copper	11.0		1.2		mg/Kg	1		✱	6010C	Total/NA
Lead	33.0		1.2		mg/Kg	1		✱	6010C	Total/NA
Manganese	244	^	0.25		mg/Kg	1		✱	6010C	Total/NA
Nickel	12.7		6.2		mg/Kg	1		✱	6010C	Total/NA
Zinc	40.4		2.5		mg/Kg	1		✱	6010C	Total/NA
Mercury	0.11		0.024		mg/Kg	1		✱	7471B	Total/NA
Cr (VI)	0.54		0.49		mg/Kg	1		✱	7196A	Total/NA

Client Sample ID: COMP-02

Lab Sample ID: 480-66160-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Fluoranthene	17	J	80	8.5	ug/Kg	1		✱	8270D	Total/NA
Pyrene	12	J	80	8.1	ug/Kg	1		✱	8270D	Total/NA
4,4'-DDD	950		98	19	ug/Kg	50		✱	8081B	Total/NA
4,4'-DDE	2700		98	21	ug/Kg	50		✱	8081B	Total/NA
4,4'-DDT	1200		98	23	ug/Kg	50		✱	8081B	Total/NA
Methoxychlor	79	J	98	20	ug/Kg	50		✱	8081B	Total/NA
Arsenic	9.3		2.6		mg/Kg	1		✱	6010C	Total/NA
Barium	67.9		0.66		mg/Kg	1		✱	6010C	Total/NA
Beryllium	0.50		0.26		mg/Kg	1		✱	6010C	Total/NA
Chromium	12.1		0.66		mg/Kg	1		✱	6010C	Total/NA
Copper	10.4		1.3		mg/Kg	1		✱	6010C	Total/NA
Lead	31.9		1.3		mg/Kg	1		✱	6010C	Total/NA
Manganese	361	^	0.26		mg/Kg	1		✱	6010C	Total/NA
Nickel	13.4		6.6		mg/Kg	1		✱	6010C	Total/NA
Zinc	44.8		2.6		mg/Kg	1		✱	6010C	Total/NA
Mercury	0.16		0.023		mg/Kg	1		✱	7471B	Total/NA

Client Sample ID: VOC-01

Lab Sample ID: 480-66160-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Xylenes, Total	1.2	J	12	0.98	ug/Kg	1		✱	8260C	Total/NA

Client Sample ID: VOC-02

Lab Sample ID: 480-66160-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Ethylbenzene	0.56	J	5.6	0.39	ug/Kg	1		✱	8260C	Total/NA
Xylenes, Total	2.0	J	11	0.94	ug/Kg	1		✱	8260C	Total/NA

Client Sample ID: VOC-03

Lab Sample ID: 480-66160-5

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-03 (Continued)

Lab Sample ID: 480-66160-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Ethylbenzene	0.40	J	5.8	0.40	ug/Kg	1		☼	8260C	Total/NA
Xylenes, Total	1.9	J	12	0.97	ug/Kg	1		☼	8260C	Total/NA

Client Sample ID: VOC-04

Lab Sample ID: 480-66160-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Ethylbenzene	0.49	J	5.1	0.35	ug/Kg	1		☼	8260C	Total/NA
Xylenes, Total	1.6	J	10	0.86	ug/Kg	1		☼	8260C	Total/NA

Client Sample ID: VOC-05

Lab Sample ID: 480-66160-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Xylenes, Total	1.5	J	12	0.99	ug/Kg	1		☼	8260C	Total/NA

Client Sample ID: VOC-06

Lab Sample ID: 480-66160-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Ethylbenzene	0.58	J	4.9	0.34	ug/Kg	1		☼	8260C	Total/NA
Xylenes, Total	1.9	J	9.9	0.83	ug/Kg	1		☼	8260C	Total/NA

Client Sample ID: VOC-07

Lab Sample ID: 480-66160-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Xylenes, Total	1.2	J	12	0.97	ug/Kg	1		☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: COMP-01

Lab Sample ID: 480-66160-1

Date Collected: 08/26/14 16:20

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		400	28	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Acenaphthene	ND		81	7.8	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Acenaphthylene	ND		81	9.3	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Anthracene	ND		81	7.9	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Benzo[a]anthracene	ND		81	10	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Benzo[a]pyrene	ND		81	8.1	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Benzo[b]fluoranthene	ND		81	13	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Benzo[g,h,i]perylene	ND		81	8.0	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Benzo[k]fluoranthene	ND		81	16	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Chrysene	ND		81	9.6	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Dibenz(a,h)anthracene	ND		81	9.0	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Dibenzofuran	ND		400	40	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Fluoranthene	ND		81	8.7	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Fluorene	ND		81	11	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Hexachlorobenzene	ND		81	8.6	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Indeno[1,2,3-cd]pyrene	ND		81	8.3	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Methylphenol, 3 & 4	ND		400	40	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Naphthalene	ND		81	7.0	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Pentachlorophenol	ND		400	36	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Phenanthrene	ND		81	13	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Phenol	ND		81	9.6	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1
Pyrene	ND		81	8.2	ug/Kg	☼	09/03/14 19:50	09/04/14 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		35 - 124	09/03/14 19:50	09/04/14 13:23	1
2-Fluorobiphenyl	74		35 - 105	09/03/14 19:50	09/04/14 13:23	1
2-Fluorophenol	68		39 - 103	09/03/14 19:50	09/04/14 13:23	1
Nitrobenzene-d5	76		25 - 104	09/03/14 19:50	09/04/14 13:23	1
Phenol-d5	68		25 - 105	09/03/14 19:50	09/04/14 13:23	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	680		100	20	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
4,4'-DDE	2100		100	21	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
4,4'-DDT	800		100	24	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Aldrin	ND		100	25	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
alpha-BHC	ND		100	18	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
alpha-Chlordane	ND		100	50	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
beta-BHC	ND		100	18	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
delta-BHC	ND		100	19	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Dieldrin	ND		100	24	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Endosulfan I	ND		100	19	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Endosulfan II	ND		100	18	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Endosulfan sulfate	ND		100	19	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Endrin	ND		100	20	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Endrin aldehyde	ND		100	26	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Endrin ketone	ND		100	25	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
gamma-BHC (Lindane)	ND		100	18	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
gamma-Chlordane	ND		100	32	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Heptachlor	ND		100	22	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: COMP-01

Lab Sample ID: 480-66160-1

Date Collected: 08/26/14 16:20

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 82.5

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		100	26	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Methoxychlor	70	J	100	21	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Toxaphene	ND		1000	590	ug/Kg	☼	08/29/14 12:36	09/01/14 15:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	32 - 136				08/29/14 12:36	09/01/14 15:14	50
Tetrachloro-m-xylene	0	X	30 - 124				08/29/14 12:36	09/01/14 15:14	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2900	580	ug/Kg	☼	08/28/14 09:28	08/28/14 19:30	10
PCB-1221	ND		2900	580	ug/Kg	☼	08/28/14 09:28	08/28/14 19:30	10
PCB-1232	ND		2900	580	ug/Kg	☼	08/28/14 09:28	08/28/14 19:30	10
PCB-1242	ND		2900	580	ug/Kg	☼	08/28/14 09:28	08/28/14 19:30	10
PCB-1248	ND		2900	580	ug/Kg	☼	08/28/14 09:28	08/28/14 19:30	10
PCB-1254	ND		2900	1400	ug/Kg	☼	08/28/14 09:28	08/28/14 19:30	10
PCB-1260	ND		2900	1400	ug/Kg	☼	08/28/14 09:28	08/28/14 19:30	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	40	X	47 - 176				08/28/14 09:28	08/28/14 19:30	10
Tetrachloro-m-xylene	108		46 - 175				08/28/14 09:28	08/28/14 19:30	10

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		20	7.3	ug/Kg	☼	08/28/14 09:12	09/03/14 05:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	72		39 - 120				08/28/14 09:12	09/03/14 05:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		2.5		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Barium	70.1		0.62		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Beryllium	0.41		0.25		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Cadmium	ND		0.25		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Chromium	11.1		0.62		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Copper	11.0		1.2		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Lead	33.0		1.2		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Manganese	244	^	0.25		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Nickel	12.7		6.2		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Selenium	ND		5.0		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Silver	ND		0.75		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1
Zinc	40.4		2.5		mg/Kg	☼	08/28/14 12:50	08/29/14 00:12	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.024		mg/Kg	☼	09/09/14 14:09	09/09/14 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.54		0.49		mg/Kg	☼	09/03/14 10:41	09/04/14 15:35	1

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: COMP-01

Date Collected: 08/26/14 16:20

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-1

Matrix: Solid

Percent Solids: 82.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1		mg/Kg	☼	08/27/14 18:50	08/28/14 04:44	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: COMP-02

Lab Sample ID: 480-66160-2

Date Collected: 08/26/14 16:30

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		390	28	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Acenaphthene	ND		80	7.7	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Acenaphthylene	ND		80	9.1	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Anthracene	ND		80	7.8	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Benzo[a]anthracene	ND		80	10	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Benzo[a]pyrene	ND		80	8.0	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Benzo[b]fluoranthene	ND		80	13	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Benzo[g,h,i]perylene	ND		80	7.9	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Benzo[k]fluoranthene	ND		80	16	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Chrysene	ND		80	9.5	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Dibenz(a,h)anthracene	ND		80	8.9	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Dibenzofuran	ND		390	39	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Fluoranthene	17	J	80	8.5	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Fluorene	ND		80	10	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Hexachlorobenzene	ND		80	8.5	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Indeno[1,2,3-cd]pyrene	ND		80	8.2	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Methylphenol, 3 & 4	ND		390	39	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Naphthalene	ND		80	6.9	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Pentachlorophenol	ND		390	36	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Phenanthrene	ND		80	13	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Phenol	ND		80	9.4	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1
Pyrene	12	J	80	8.1	ug/Kg	☼	09/03/14 19:50	09/04/14 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		35 - 124	09/03/14 19:50	09/04/14 13:50	1
2-Fluorobiphenyl	70		35 - 105	09/03/14 19:50	09/04/14 13:50	1
2-Fluorophenol	68		39 - 103	09/03/14 19:50	09/04/14 13:50	1
Nitrobenzene-d5	69		25 - 104	09/03/14 19:50	09/04/14 13:50	1
Phenol-d5	66		25 - 105	09/03/14 19:50	09/04/14 13:50	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	950		98	19	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
4,4'-DDE	2700		98	21	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
4,4'-DDT	1200		98	23	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Aldrin	ND		98	24	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
alpha-BHC	ND		98	18	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
alpha-Chlordane	ND		98	49	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
beta-BHC	ND		98	18	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
delta-BHC	ND		98	18	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Dieldrin	ND		98	23	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Endosulfan I	ND		98	19	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Endosulfan II	ND		98	18	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Endosulfan sulfate	ND		98	18	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Endrin	ND		98	19	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Endrin aldehyde	ND		98	25	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Endrin ketone	ND		98	24	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
gamma-BHC (Lindane)	ND		98	18	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
gamma-Chlordane	ND		98	31	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Heptachlor	ND		98	21	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: COMP-02

Lab Sample ID: 480-66160-2

Date Collected: 08/26/14 16:30

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 83.7

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		98	25	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Methoxychlor	79	J	98	20	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Toxaphene	ND		980	570	ug/Kg	☼	08/29/14 12:36	09/01/14 14:57	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	32 - 136				08/29/14 12:36	09/01/14 14:57	50
Tetrachloro-m-xylene	0	X	30 - 124				08/29/14 12:36	09/01/14 14:57	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	52	ug/Kg	☼	08/28/14 09:28	08/28/14 19:15	1
PCB-1221	ND		260	52	ug/Kg	☼	08/28/14 09:28	08/28/14 19:15	1
PCB-1232	ND		260	52	ug/Kg	☼	08/28/14 09:28	08/28/14 19:15	1
PCB-1242	ND		260	52	ug/Kg	☼	08/28/14 09:28	08/28/14 19:15	1
PCB-1248	ND		260	52	ug/Kg	☼	08/28/14 09:28	08/28/14 19:15	1
PCB-1254	ND		260	120	ug/Kg	☼	08/28/14 09:28	08/28/14 19:15	1
PCB-1260	ND		260	120	ug/Kg	☼	08/28/14 09:28	08/28/14 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		47 - 176				08/28/14 09:28	08/28/14 19:15	1
Tetrachloro-m-xylene	81		46 - 175				08/28/14 09:28	08/28/14 19:15	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		20	7.1	ug/Kg	☼	08/28/14 09:12	09/03/14 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	85		39 - 120				08/28/14 09:12	09/03/14 04:57	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.3		2.6		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Barium	67.9		0.66		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Beryllium	0.50		0.26		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Cadmium	ND		0.26		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Chromium	12.1		0.66		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Copper	10.4		1.3		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Lead	31.9		1.3		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Manganese	361	^	0.26		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Nickel	13.4		6.6		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Selenium	ND		5.3		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Silver	ND		0.79		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1
Zinc	44.8		2.6		mg/Kg	☼	08/28/14 12:50	08/29/14 00:15	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16		0.023		mg/Kg	☼	09/09/14 14:09	09/09/14 16:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.49		mg/Kg	☼	09/03/14 10:41	09/04/14 15:36	1

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: COMP-02

Date Collected: 08/26/14 16:30

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-2

Matrix: Solid

Percent Solids: 83.7

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2		mg/Kg	☼	08/27/14 18:50	08/28/14 04:48	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-01

Lab Sample ID: 480-66160-3

Date Collected: 08/26/14 16:23

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,2,4-Trimethylbenzene	ND		5.8	1.1	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,2-Dichlorobenzene	ND		5.8	0.46	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,3,5-Trimethylbenzene	ND		5.8	0.38	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,4-Dichlorobenzene	ND		5.8	0.82	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
1,4-Dioxane	ND		120	25	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Acetone	ND		29	4.9	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Benzene	ND		5.8	0.29	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Chlorobenzene	ND		5.8	0.77	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Chloroform	ND		5.8	0.36	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
cis-1,2-Dichloroethene	ND		5.8	0.75	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
n-Butylbenzene	ND		5.8	0.51	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
N-Propylbenzene	ND		5.8	0.47	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
sec-Butylbenzene	ND		5.8	0.51	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
tert-Butylbenzene	ND		5.8	0.61	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Tetrachloroethene	ND		5.8	0.78	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Toluene	ND		5.8	0.44	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Vinyl chloride	ND		5.8	0.71	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1
Xylenes, Total	1.2	J	12	0.98	ug/Kg	☼	09/03/14 22:53	09/04/14 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	09/03/14 22:53	09/04/14 16:03	1
Toluene-d8 (Surr)	109		71 - 125	09/03/14 22:53	09/04/14 16:03	1
4-Bromofluorobenzene (Surr)	102		72 - 126	09/03/14 22:53	09/04/14 16:03	1

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-02

Lab Sample ID: 480-66160-4

Date Collected: 08/26/14 16:26

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,1-Dichloroethene	ND		5.6	0.69	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,2,4-Trimethylbenzene	ND		5.6	1.1	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,3,5-Trimethylbenzene	ND		5.6	0.36	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,4-Dichlorobenzene	ND		5.6	0.79	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
1,4-Dioxane	ND		110	24	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Acetone	ND		28	4.7	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Benzene	ND		5.6	0.27	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Chlorobenzene	ND		5.6	0.74	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Chloroform	ND		5.6	0.35	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
cis-1,2-Dichloroethene	ND		5.6	0.72	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Ethylbenzene	0.56	J	5.6	0.39	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
n-Butylbenzene	ND		5.6	0.49	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
N-Propylbenzene	ND		5.6	0.45	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
sec-Butylbenzene	ND		5.6	0.49	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
tert-Butylbenzene	ND		5.6	0.58	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Toluene	ND		5.6	0.42	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1
Xylenes, Total	2.0	J	11	0.94	ug/Kg	☼	09/03/14 22:53	09/04/14 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	09/03/14 22:53	09/04/14 16:29	1
Toluene-d8 (Surr)	111		71 - 125	09/03/14 22:53	09/04/14 16:29	1
4-Bromofluorobenzene (Surr)	100		72 - 126	09/03/14 22:53	09/04/14 16:29	1

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-03

Lab Sample ID: 480-66160-5

Date Collected: 08/26/14 16:28

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,1-Dichloroethane	ND		5.8	0.70	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,2,4-Trimethylbenzene	ND		5.8	1.1	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,3,5-Trimethylbenzene	ND		5.8	0.37	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
1,4-Dioxane	ND		120	25	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Acetone	ND		29	4.9	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Benzene	ND		5.8	0.28	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Chlorobenzene	ND		5.8	0.76	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Chloroform	ND		5.8	0.36	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Ethylbenzene	0.40	J	5.8	0.40	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
n-Butylbenzene	ND		5.8	0.50	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
N-Propylbenzene	ND		5.8	0.46	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
sec-Butylbenzene	ND		5.8	0.50	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
tert-Butylbenzene	ND		5.8	0.60	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Tetrachloroethene	ND		5.8	0.77	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Toluene	ND		5.8	0.44	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Vinyl chloride	ND		5.8	0.70	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1
Xylenes, Total	1.9	J	12	0.97	ug/Kg	☼	09/03/14 22:53	09/04/14 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		64 - 126	09/03/14 22:53	09/04/14 16:55	1
Toluene-d8 (Surr)	110		71 - 125	09/03/14 22:53	09/04/14 16:55	1
4-Bromofluorobenzene (Surr)	103		72 - 126	09/03/14 22:53	09/04/14 16:55	1

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-04

Lab Sample ID: 480-66160-6

Date Collected: 08/26/14 16:32

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.37	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,1-Dichloroethane	ND		5.1	0.62	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,1-Dichloroethene	ND		5.1	0.63	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,2,4-Trimethylbenzene	ND		5.1	0.98	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,2-Dichlorobenzene	ND		5.1	0.40	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,2-Dichloroethane	ND		5.1	0.26	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,3,5-Trimethylbenzene	ND		5.1	0.33	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,3-Dichlorobenzene	ND		5.1	0.26	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,4-Dichlorobenzene	ND		5.1	0.72	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
1,4-Dioxane	ND		100	22	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Acetone	ND		26	4.3	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Benzene	ND		5.1	0.25	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Carbon tetrachloride	ND		5.1	0.50	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Chlorobenzene	ND		5.1	0.68	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Chloroform	ND		5.1	0.32	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
cis-1,2-Dichloroethene	ND		5.1	0.65	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Ethylbenzene	0.49	J	5.1	0.35	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
2-Butanone (MEK)	ND		26	1.9	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Methylene Chloride	ND		5.1	2.4	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
n-Butylbenzene	ND		5.1	0.45	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
N-Propylbenzene	ND		5.1	0.41	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
sec-Butylbenzene	ND		5.1	0.45	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
tert-Butylbenzene	ND		5.1	0.53	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Tetrachloroethene	ND		5.1	0.69	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Toluene	ND		5.1	0.39	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
trans-1,2-Dichloroethene	ND		5.1	0.53	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Trichloroethene	ND		5.1	1.1	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1
Xylenes, Total	1.6	J	10	0.86	ug/Kg	☼	09/03/14 22:53	09/04/14 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		64 - 126	09/03/14 22:53	09/04/14 17:21	1
Toluene-d8 (Surr)	111		71 - 125	09/03/14 22:53	09/04/14 17:21	1
4-Bromofluorobenzene (Surr)	105		72 - 126	09/03/14 22:53	09/04/14 17:21	1

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-05

Lab Sample ID: 480-66160-7

Date Collected: 08/26/14 16:36

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,2,4-Trimethylbenzene	ND		5.9	1.1	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,3,5-Trimethylbenzene	ND		5.9	0.38	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,4-Dichlorobenzene	ND		5.9	0.83	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
1,4-Dioxane	ND		120	26	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Acetone	ND		30	5.0	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Benzene	ND		5.9	0.29	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Chloroform	ND		5.9	0.36	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
cis-1,2-Dichloroethene	ND		5.9	0.76	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Ethylbenzene	ND		5.9	0.41	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Methylene Chloride	ND		5.9	2.7	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
n-Butylbenzene	ND		5.9	0.51	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
N-Propylbenzene	ND		5.9	0.47	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
sec-Butylbenzene	ND		5.9	0.51	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
tert-Butylbenzene	ND		5.9	0.61	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Tetrachloroethene	ND		5.9	0.79	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Toluene	ND		5.9	0.45	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1
Xylenes, Total	1.5	J	12	0.99	ug/Kg	☼	09/03/14 22:53	09/04/14 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	09/03/14 22:53	09/04/14 17:47	1
Toluene-d8 (Surr)	111		71 - 125	09/03/14 22:53	09/04/14 17:47	1
4-Bromofluorobenzene (Surr)	102		72 - 126	09/03/14 22:53	09/04/14 17:47	1

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-06

Lab Sample ID: 480-66160-8

Date Collected: 08/26/14 16:38

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	0.36	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,1-Dichloroethane	ND		4.9	0.60	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,1-Dichloroethene	ND		4.9	0.60	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,2,4-Trimethylbenzene	ND		4.9	0.95	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,2-Dichlorobenzene	ND		4.9	0.39	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,2-Dichloroethane	ND		4.9	0.25	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,3,5-Trimethylbenzene	ND		4.9	0.32	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,3-Dichlorobenzene	ND		4.9	0.25	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,4-Dichlorobenzene	ND		4.9	0.69	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
1,4-Dioxane	ND		99	22	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Acetone	ND		25	4.2	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Benzene	ND		4.9	0.24	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Carbon tetrachloride	ND		4.9	0.48	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Chlorobenzene	ND		4.9	0.65	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Chloroform	ND		4.9	0.31	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
cis-1,2-Dichloroethene	ND		4.9	0.63	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Ethylbenzene	0.58	J	4.9	0.34	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Methyl tert-butyl ether	ND		4.9	0.49	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Methylene Chloride	ND		4.9	2.3	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
n-Butylbenzene	ND		4.9	0.43	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
N-Propylbenzene	ND		4.9	0.40	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
sec-Butylbenzene	ND		4.9	0.43	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
tert-Butylbenzene	ND		4.9	0.51	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Tetrachloroethene	ND		4.9	0.66	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Toluene	ND		4.9	0.37	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
trans-1,2-Dichloroethene	ND		4.9	0.51	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Trichloroethene	ND		4.9	1.1	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Vinyl chloride	ND		4.9	0.60	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1
Xylenes, Total	1.9	J	9.9	0.83	ug/Kg	☼	09/03/14 22:53	09/04/14 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		64 - 126	09/03/14 22:53	09/04/14 18:12	1
Toluene-d8 (Surr)	109		71 - 125	09/03/14 22:53	09/04/14 18:12	1
4-Bromofluorobenzene (Surr)	103		72 - 126	09/03/14 22:53	09/04/14 18:12	1

TestAmerica Buffalo

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-07

Lab Sample ID: 480-66160-9

Date Collected: 08/26/14 16:40

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,1-Dichloroethane	ND		5.8	0.70	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,2,4-Trimethylbenzene	ND		5.8	1.1	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,3,5-Trimethylbenzene	ND		5.8	0.37	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
1,4-Dioxane	ND		120	25	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Acetone	ND		29	4.9	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Benzene	ND		5.8	0.28	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Chlorobenzene	ND		5.8	0.76	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Chloroform	ND		5.8	0.36	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
n-Butylbenzene	ND		5.8	0.50	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
N-Propylbenzene	ND		5.8	0.46	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
sec-Butylbenzene	ND		5.8	0.50	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
tert-Butylbenzene	ND		5.8	0.60	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Tetrachloroethene	ND		5.8	0.77	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Toluene	ND		5.8	0.44	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Vinyl chloride	ND		5.8	0.70	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1
Xylenes, Total	1.2	J	12	0.97	ug/Kg	☼	09/03/14 22:53	09/05/14 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	09/03/14 22:53	09/05/14 04:11	1
Toluene-d8 (Surr)	114		71 - 125	09/03/14 22:53	09/05/14 04:11	1
4-Bromofluorobenzene (Surr)	106		72 - 126	09/03/14 22:53	09/05/14 04:11	1

TestAmerica Buffalo

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (64-126)	TOL (71-125)	BFB (72-126)
480-66160-3	VOC-01	102	109	102
480-66160-4	VOC-02	104	111	100
480-66160-5	VOC-03	103	110	103
480-66160-6	VOC-04	109	111	105
480-66160-7	VOC-05	101	111	102
480-66160-8	VOC-06	108	109	103
480-66160-9	VOC-07	104	114	106
LCS 480-200759/5	Lab Control Sample	98	109	106
LCS 480-200909/4	Lab Control Sample	97	110	105
MB 480-200759/7	Method Blank	102	109	103
MB 480-200909/6	Method Blank	99	111	101

Surrogate Legend

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

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)				
		TBP (35-124)	FBP (35-105)	2FP (39-103)	NBZ (25-104)	PHL (25-105)
480-66160-1	COMP-01	78	74	68	76	68
480-66160-2	COMP-02	71	70	68	69	66
LCS 180-116951/2-A	Lab Control Sample	99	77	82	76	77
MB 180-116951/1-A	Method Blank	80	68	69	70	68

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (32-136)	TCX2 (30-124)
480-66160-1	COMP-01	0 X	0 X
480-66160-2	COMP-02	0 X	0 X
LCS 480-200278/2-A	Lab Control Sample	88	72
MB 480-200278/1-A	Method Blank	89	71

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

TestAmerica Buffalo

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

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	DCB2 (47-176)	TCX2 (46-175)
480-66160-1	COMP-01	40 X	108
480-66160-2	COMP-02	80	81
LCS 480-200032/2-A	Lab Control Sample	113	109
MB 480-200032/1-A	Method Blank	100	99
Surrogate Legend			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPA1 (39-120)	
480-66160-1	COMP-01	72	
480-66160-2	COMP-02	85	
LCS 480-200027/2-A	Lab Control Sample	93	
MB 480-200027/1-A	Method Blank	89	
Surrogate Legend			
DCPA = 2,4-Dichlorophenylacetic acid			

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

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

Lab Sample ID: MB 480-200759/7

Matrix: Solid

Analysis Batch: 200759

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/04/14 12:01	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/04/14 12:01	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/04/14 12:01	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg			09/04/14 12:01	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/04/14 12:01	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/04/14 12:01	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg			09/04/14 12:01	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/04/14 12:01	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/04/14 12:01	1
1,4-Dioxane	ND		100	22	ug/Kg			09/04/14 12:01	1
Acetone	ND		25	4.2	ug/Kg			09/04/14 12:01	1
Benzene	ND		5.0	0.25	ug/Kg			09/04/14 12:01	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/04/14 12:01	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/04/14 12:01	1
Chloroform	ND		5.0	0.31	ug/Kg			09/04/14 12:01	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/04/14 12:01	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/04/14 12:01	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/04/14 12:01	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/04/14 12:01	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/04/14 12:01	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg			09/04/14 12:01	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg			09/04/14 12:01	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg			09/04/14 12:01	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg			09/04/14 12:01	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/04/14 12:01	1
Toluene	1.33	J	5.0	0.38	ug/Kg			09/04/14 12:01	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/04/14 12:01	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/04/14 12:01	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/04/14 12:01	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/04/14 12:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		64 - 126		09/04/14 12:01	1
Toluene-d8 (Surr)	109		71 - 125		09/04/14 12:01	1
4-Bromofluorobenzene (Surr)	103		72 - 126		09/04/14 12:01	1

Lab Sample ID: LCS 480-200759/5

Matrix: Solid

Analysis Batch: 200759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	45.9		ug/Kg		92	73 - 126
1,1-Dichloroethene	50.0	45.4		ug/Kg		91	59 - 125
1,2,4-Trimethylbenzene	50.0	45.0		ug/Kg		90	74 - 120
1,2-Dichlorobenzene	50.0	45.9		ug/Kg		92	75 - 120
1,2-Dichloroethane	50.0	42.2		ug/Kg		84	77 - 122
Benzene	50.0	47.2		ug/Kg		94	79 - 127
Chlorobenzene	50.0	47.7		ug/Kg		95	76 - 124

TestAmerica Buffalo

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

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

Lab Sample ID: LCS 480-200759/5

Matrix: Solid

Analysis Batch: 200759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	48.1		ug/Kg		96	81 - 117
Ethylbenzene	50.0	45.4		ug/Kg		91	80 - 120
Methyl tert-butyl ether	50.0	44.7		ug/Kg		89	63 - 125
Tetrachloroethene	50.0	41.8		ug/Kg		84	74 - 122
Toluene	50.0	46.5		ug/Kg		93	74 - 128
trans-1,2-Dichloroethene	50.0	47.5		ug/Kg		95	78 - 126
Trichloroethene	50.0	46.9		ug/Kg		94	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		64 - 126
Toluene-d8 (Surr)	109		71 - 125
4-Bromofluorobenzene (Surr)	106		72 - 126

Lab Sample ID: MB 480-200909/6

Matrix: Solid

Analysis Batch: 200909

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/04/14 23:59	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/04/14 23:59	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/04/14 23:59	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg			09/04/14 23:59	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/04/14 23:59	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/04/14 23:59	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg			09/04/14 23:59	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/04/14 23:59	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/04/14 23:59	1
1,4-Dioxane	ND		100	22	ug/Kg			09/04/14 23:59	1
Acetone	ND		25	4.2	ug/Kg			09/04/14 23:59	1
Benzene	ND		5.0	0.25	ug/Kg			09/04/14 23:59	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/04/14 23:59	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/04/14 23:59	1
Chloroform	ND		5.0	0.31	ug/Kg			09/04/14 23:59	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/04/14 23:59	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/04/14 23:59	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/04/14 23:59	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/04/14 23:59	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/04/14 23:59	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg			09/04/14 23:59	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg			09/04/14 23:59	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg			09/04/14 23:59	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg			09/04/14 23:59	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/04/14 23:59	1
Toluene	ND		5.0	0.38	ug/Kg			09/04/14 23:59	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/04/14 23:59	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/04/14 23:59	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/04/14 23:59	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/04/14 23:59	1

TestAmerica Buffalo

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

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

Lab Sample ID: MB 480-200909/6

Matrix: Solid

Analysis Batch: 200909

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		64 - 126		09/04/14 23:59	1
Toluene-d8 (Surr)	111		71 - 125		09/04/14 23:59	1
4-Bromofluorobenzene (Surr)	101		72 - 126		09/04/14 23:59	1

Lab Sample ID: LCS 480-200909/4

Matrix: Solid

Analysis Batch: 200909

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	46.1		ug/Kg		92	73 - 126
1,1-Dichloroethene	50.0	45.2		ug/Kg		90	59 - 125
1,2,4-Trimethylbenzene	50.0	44.5		ug/Kg		89	74 - 120
1,2-Dichlorobenzene	50.0	46.0		ug/Kg		92	75 - 120
1,2-Dichloroethane	50.0	41.7		ug/Kg		83	77 - 122
Benzene	50.0	48.0		ug/Kg		96	79 - 127
Chlorobenzene	50.0	48.0		ug/Kg		96	76 - 124
cis-1,2-Dichloroethene	50.0	49.0		ug/Kg		98	81 - 117
Ethylbenzene	50.0	45.8		ug/Kg		92	80 - 120
Methyl tert-butyl ether	50.0	43.8		ug/Kg		88	63 - 125
Tetrachloroethene	50.0	42.5		ug/Kg		85	74 - 122
Toluene	50.0	46.8		ug/Kg		94	74 - 128
trans-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	78 - 126
Trichloroethene	50.0	47.5		ug/Kg		95	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		64 - 126
Toluene-d8 (Surr)	110		71 - 125
4-Bromofluorobenzene (Surr)	105		72 - 126

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

Lab Sample ID: MB 180-116951/1-A

Matrix: Solid

Analysis Batch: 116986

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		330	23	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Acenaphthene	ND		67	6.4	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Acenaphthylene	ND		67	7.6	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Anthracene	ND		67	6.5	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Benzo[a]anthracene	ND		67	8.4	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Benzo[a]pyrene	ND		67	6.7	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Benzo[b]fluoranthene	ND		67	10	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Benzo[g,h,i]perylene	ND		67	6.6	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Benzo[k]fluoranthene	ND		67	13	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Chrysene	ND		67	7.9	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Dibenz(a,h)anthracene	ND		67	7.4	ug/Kg		09/03/14 19:50	09/04/14 09:18	1

TestAmerica Buffalo

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

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

Lab Sample ID: MB 180-116951/1-A

Matrix: Solid

Analysis Batch: 116986

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		330	33	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Fluoranthene	ND		67	7.1	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Fluorene	ND		67	8.8	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Hexachlorobenzene	ND		67	7.1	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Indeno[1,2,3-cd]pyrene	ND		67	6.9	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Methylphenol, 3 & 4	ND		330	33	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Naphthalene	ND		67	5.7	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Pentachlorophenol	ND		330	30	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Phenanthrene	ND		67	11	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Phenol	ND		67	7.9	ug/Kg		09/03/14 19:50	09/04/14 09:18	1
Pyrene	ND		67	6.7	ug/Kg		09/03/14 19:50	09/04/14 09:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		35 - 124	09/03/14 19:50	09/04/14 09:18	1
2-Fluorobiphenyl	68		35 - 105	09/03/14 19:50	09/04/14 09:18	1
2-Fluorophenol	69		39 - 103	09/03/14 19:50	09/04/14 09:18	1
Nitrobenzene-d5	70		25 - 104	09/03/14 19:50	09/04/14 09:18	1
Phenol-d5	68		25 - 105	09/03/14 19:50	09/04/14 09:18	1

Lab Sample ID: LCS 180-116951/2-A

Matrix: Solid

Analysis Batch: 116986

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	6670	5300		ug/Kg		80	47 - 104
Fluorene	6670	5660		ug/Kg		85	46 - 109
Methylphenol, 3 & 4	6670	5060		ug/Kg		76	42 - 105
Pentachlorophenol	13300	11800		ug/Kg		89	17 - 122
Phenol	6670	4870		ug/Kg		73	41 - 102
Pyrene	6670	5670		ug/Kg		85	41 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	99		35 - 124
2-Fluorobiphenyl	77		35 - 105
2-Fluorophenol	82		39 - 103
Nitrobenzene-d5	76		25 - 104
Phenol-d5	77		25 - 105

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-200278/1-A

Matrix: Solid

Analysis Batch: 200390

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200278

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.6	0.32	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
4,4'-DDE	ND		1.6	0.34	ug/Kg		08/29/14 12:36	09/01/14 13:29	1

TestAmerica Buffalo

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-200278/1-A

Matrix: Solid

Analysis Batch: 200390

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200278

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		1.6	0.38	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Aldrin	ND		1.6	0.40	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
alpha-BHC	ND		1.6	0.30	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
alpha-Chlordane	ND		1.6	0.82	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
beta-BHC	ND		1.6	0.30	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
delta-BHC	ND		1.6	0.31	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Dieldrin	ND		1.6	0.39	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Endosulfan I	ND		1.6	0.32	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Endosulfan II	ND		1.6	0.30	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Endosulfan sulfate	ND		1.6	0.31	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Endrin	ND		1.6	0.33	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Endrin aldehyde	ND		1.6	0.42	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Endrin ketone	ND		1.6	0.40	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
gamma-BHC (Lindane)	ND		1.6	0.30	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
gamma-Chlordane	ND		1.6	0.52	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Heptachlor	ND		1.6	0.36	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Heptachlor epoxide	ND		1.6	0.42	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Methoxychlor	ND		1.6	0.33	ug/Kg		08/29/14 12:36	09/01/14 13:29	1
Toxaphene	ND		16	9.6	ug/Kg		08/29/14 12:36	09/01/14 13:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		32 - 136	08/29/14 12:36	09/01/14 13:29	1
Tetrachloro-m-xylene	71		30 - 124	08/29/14 12:36	09/01/14 13:29	1

Lab Sample ID: LCS 480-200278/2-A

Matrix: Solid

Analysis Batch: 200390

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	16.6	15.2		ug/Kg		92	52 - 138
4,4'-DDE	16.6	14.3		ug/Kg		86	52 - 131
4,4'-DDT	16.6	14.2		ug/Kg		86	50 - 131
Aldrin	16.6	12.5		ug/Kg		75	35 - 120
alpha-BHC	16.6	11.4		ug/Kg		69	49 - 120
alpha-Chlordane	16.6	13.9		ug/Kg		84	40 - 133
beta-BHC	16.6	12.1		ug/Kg		73	52 - 127
delta-BHC	16.6	14.0		ug/Kg		85	45 - 123
Dieldrin	16.6	14.7		ug/Kg		89	50 - 131
Endosulfan I	16.6	14.1		ug/Kg		85	43 - 121
Endosulfan II	16.6	13.2		ug/Kg		80	48 - 134
Endosulfan sulfate	16.6	13.5		ug/Kg		82	46 - 144
Endrin	16.6	14.7		ug/Kg		89	46 - 134
Endrin aldehyde	16.6	13.5		ug/Kg		81	31 - 137
Endrin ketone	16.6	13.7		ug/Kg		83	44 - 140
gamma-BHC (Lindane)	16.6	12.6		ug/Kg		76	50 - 120
gamma-Chlordane	16.6	13.1		ug/Kg		79	52 - 129
Heptachlor	16.6	13.4		ug/Kg		81	51 - 121
Heptachlor epoxide	16.6	14.3		ug/Kg		86	52 - 129

TestAmerica Buffalo

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-200278/2-A

Matrix: Solid

Analysis Batch: 200390

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methoxychlor	16.6	15.5		ug/Kg		94	50 - 149
Surrogate	%Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	88		32 - 136				
Tetrachloro-m-xylene	72		30 - 124				

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

Lab Sample ID: MB 480-200032/1-A

Matrix: Solid

Analysis Batch: 199980

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		200	40	ug/Kg		08/28/14 09:28	08/28/14 17:45	1
PCB-1221	ND		200	40	ug/Kg		08/28/14 09:28	08/28/14 17:45	1
PCB-1232	ND		200	40	ug/Kg		08/28/14 09:28	08/28/14 17:45	1
PCB-1242	ND		200	40	ug/Kg		08/28/14 09:28	08/28/14 17:45	1
PCB-1248	ND		200	40	ug/Kg		08/28/14 09:28	08/28/14 17:45	1
PCB-1254	ND		200	95	ug/Kg		08/28/14 09:28	08/28/14 17:45	1
PCB-1260	ND		200	95	ug/Kg		08/28/14 09:28	08/28/14 17:45	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		47 - 176				08/28/14 09:28	08/28/14 17:45	1
Tetrachloro-m-xylene	99		46 - 175				08/28/14 09:28	08/28/14 17:45	1

Lab Sample ID: LCS 480-200032/2-A

Matrix: Solid

Analysis Batch: 199980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2430	2510		ug/Kg		103	51 - 185
PCB-1260	2430	2510		ug/Kg		103	61 - 184
Surrogate	%Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	113		47 - 176				
Tetrachloro-m-xylene	109		46 - 175				

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-200027/1-A

Matrix: Solid

Analysis Batch: 200434

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200027

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		17	6.0	ug/Kg		08/28/14 09:12	09/03/14 02:00	1

TestAmerica Buffalo

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 480-200027/1-A

Matrix: Solid

Analysis Batch: 200434

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200027

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	89		39 - 120	08/28/14 09:12	09/03/14 02:00	1

Lab Sample ID: LCS 480-200027/2-A

Matrix: Solid

Analysis Batch: 200434

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200027

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	65.7	65.5		ug/Kg		100	42 - 149

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	93		39 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-200057/1-A

Matrix: Solid

Analysis Batch: 200184

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Barium	ND		0.51		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Beryllium	ND		0.20		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Cadmium	ND		0.20		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Chromium	ND		0.51		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Copper	ND		1.0		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Lead	ND		1.0		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Manganese	ND	^	0.20		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Nickel	ND		5.1		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Selenium	ND		4.1		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Silver	ND		0.61		mg/Kg		08/28/14 12:50	08/29/14 00:07	1
Zinc	ND		2.0		mg/Kg		08/28/14 12:50	08/29/14 00:07	1

Lab Sample ID: LCSSRM 480-200057/2-A

Matrix: Solid

Analysis Batch: 200184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200057

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	122	109.0		mg/Kg		89.3	70.0 - 145. 1
Barium	167	142.4		mg/Kg		85.3	73.1 - 126. 9
Beryllium	54.3	50.97		mg/Kg		93.9	73.1 - 127. 1
Cadmium	88.0	78.95		mg/Kg		89.7	73.3 - 127. 3
Chromium	102	87.34		mg/Kg		85.6	69.4 - 130. 4
Copper	78.0	69.21		mg/Kg		88.8	73.7 - 132. 1

TestAmerica Buffalo

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

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

Lab Sample ID: LCSSRM 480-200057/2-A

Matrix: Solid

Analysis Batch: 200184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200057

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	94.5	90.40		mg/Kg		95.7	70.5 - 129.1
Manganese	401	362.6	^	mg/Kg		90.4	76.1 - 123.9
Nickel	56.3	55.51		mg/Kg		98.6	69.8 - 130.0
Selenium	157	141.5		mg/Kg		90.1	67.5 - 131.8
Silver	34.2	30.95		mg/Kg		90.5	65.5 - 134.2
Zinc	207	183.0		mg/Kg		88.4	70.0 - 130.4

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Lab Sample ID: MB 480-201497/1-A

Matrix: Solid

Analysis Batch: 201590

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201497

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		09/09/14 14:09	09/09/14 16:27	1

Lab Sample ID: LCSSRM 480-201497/2-A

Matrix: Solid

Analysis Batch: 201590

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201497

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.98	4.61		mg/Kg		115.8	51.0 - 149.0

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 180-116862/1-A

Matrix: Solid

Analysis Batch: 117027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.40		mg/Kg		09/03/14 10:41	09/04/14 15:19	1

Lab Sample ID: LCSI 180-116862/3-A

Matrix: Solid

Analysis Batch: 117027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116862

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	708	763.4		mg/Kg		108	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSS 180-116862/2-A

Matrix: Solid

Analysis Batch: 117027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116862

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	20.0	16.77		mg/Kg		84	80 - 120

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-199967/1-A

Matrix: Solid

Analysis Batch: 199976

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 199967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.99		mg/Kg		08/27/14 18:50	08/28/14 04:35	1

Lab Sample ID: LCS 480-199967/2-A ^2

Matrix: Solid

Analysis Batch: 199976

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 199967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	88.9	54.69		mg/Kg		62	29 - 122

Lab Sample ID: LCSD 480-199967/3-A ^2

Matrix: Solid

Analysis Batch: 199976

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 199967

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	88.9	53.81		mg/Kg		61	29 - 122	2	15

Lab Sample ID: 480-66160-2 MS

Matrix: Solid

Analysis Batch: 199976

Client Sample ID: COMP-02

Prep Type: Total/NA

Prep Batch: 199967

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		11.4	11.36		mg/Kg	☼	93	85 - 115

TestAmerica Buffalo

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

GC/MS VOA

Prep Batch: 200717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-3	VOC-01	Total/NA	Solid	5035	
480-66160-4	VOC-02	Total/NA	Solid	5035	
480-66160-5	VOC-03	Total/NA	Solid	5035	
480-66160-6	VOC-04	Total/NA	Solid	5035	
480-66160-7	VOC-05	Total/NA	Solid	5035	
480-66160-8	VOC-06	Total/NA	Solid	5035	
480-66160-9	VOC-07	Total/NA	Solid	5035	

Analysis Batch: 200759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-3	VOC-01	Total/NA	Solid	8260C	200717
480-66160-4	VOC-02	Total/NA	Solid	8260C	200717
480-66160-5	VOC-03	Total/NA	Solid	8260C	200717
480-66160-6	VOC-04	Total/NA	Solid	8260C	200717
480-66160-7	VOC-05	Total/NA	Solid	8260C	200717
480-66160-8	VOC-06	Total/NA	Solid	8260C	200717
LCS 480-200759/5	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-200759/7	Method Blank	Total/NA	Solid	8260C	

Analysis Batch: 200909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-9	VOC-07	Total/NA	Solid	8260C	200717
LCS 480-200909/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-200909/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Prep Batch: 116951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	3541	
480-66160-2	COMP-02	Total/NA	Solid	3541	
LCS 180-116951/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 180-116951/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 116986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	8270D	116951
480-66160-2	COMP-02	Total/NA	Solid	8270D	116951
LCS 180-116951/2-A	Lab Control Sample	Total/NA	Solid	8270D	116951
MB 180-116951/1-A	Method Blank	Total/NA	Solid	8270D	116951

GC Semi VOA

Analysis Batch: 199980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	8082A	200032
480-66160-2	COMP-02	Total/NA	Solid	8082A	200032
LCS 480-200032/2-A	Lab Control Sample	Total/NA	Solid	8082A	200032
MB 480-200032/1-A	Method Blank	Total/NA	Solid	8082A	200032

TestAmerica Buffalo

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

GC Semi VOA (Continued)

Prep Batch: 200027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	8151A	
480-66160-2	COMP-02	Total/NA	Solid	8151A	
LCS 480-200027/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 480-200027/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 200032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	3550C	
480-66160-2	COMP-02	Total/NA	Solid	3550C	
LCS 480-200032/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 480-200032/1-A	Method Blank	Total/NA	Solid	3550C	

Prep Batch: 200278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	3550C	
480-66160-2	COMP-02	Total/NA	Solid	3550C	
LCS 480-200278/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 480-200278/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 200390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	8081B	200278
480-66160-2	COMP-02	Total/NA	Solid	8081B	200278
LCS 480-200278/2-A	Lab Control Sample	Total/NA	Solid	8081B	200278
MB 480-200278/1-A	Method Blank	Total/NA	Solid	8081B	200278

Analysis Batch: 200434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	8151A	200027
480-66160-2	COMP-02	Total/NA	Solid	8151A	200027
LCS 480-200027/2-A	Lab Control Sample	Total/NA	Solid	8151A	200027
MB 480-200027/1-A	Method Blank	Total/NA	Solid	8151A	200027

Metals

Prep Batch: 200057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	3050B	
480-66160-2	COMP-02	Total/NA	Solid	3050B	
LCSSRM 480-200057/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-200057/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 200184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	6010C	200057
480-66160-2	COMP-02	Total/NA	Solid	6010C	200057
LCSSRM 480-200057/2-A	Lab Control Sample	Total/NA	Solid	6010C	200057
MB 480-200057/1-A	Method Blank	Total/NA	Solid	6010C	200057

TestAmerica Buffalo

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Metals (Continued)

Prep Batch: 201497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	7471B	
480-66160-2	COMP-02	Total/NA	Solid	7471B	
LCSSRM 480-201497/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 480-201497/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 201590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	7471B	201497
480-66160-2	COMP-02	Total/NA	Solid	7471B	201497
LCSSRM 480-201497/2-A	Lab Control Sample	Total/NA	Solid	7471B	201497
MB 480-201497/1-A	Method Blank	Total/NA	Solid	7471B	201497

General Chemistry

Prep Batch: 116862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	3060A	
480-66160-2	COMP-02	Total/NA	Solid	3060A	
LCSI 180-116862/3-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 180-116862/2-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 180-116862/1-A	Method Blank	Total/NA	Solid	3060A	

Analysis Batch: 117027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	7196A	116862
480-66160-2	COMP-02	Total/NA	Solid	7196A	116862
LCSI 180-116862/3-A	Lab Control Sample	Total/NA	Solid	7196A	116862
LCSS 180-116862/2-A	Lab Control Sample	Total/NA	Solid	7196A	116862
MB 180-116862/1-A	Method Blank	Total/NA	Solid	7196A	116862

Analysis Batch: 199944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	Moisture	
480-66160-2	COMP-02	Total/NA	Solid	Moisture	

Prep Batch: 199967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	9012B	
480-66160-2	COMP-02	Total/NA	Solid	9012B	
480-66160-2 MS	COMP-02	Total/NA	Solid	9012B	
LCS 480-199967/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	
LCSD 480-199967/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	9012B	
MB 480-199967/1-A	Method Blank	Total/NA	Solid	9012B	

Analysis Batch: 199976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-1	COMP-01	Total/NA	Solid	9012B	199967
480-66160-2	COMP-02	Total/NA	Solid	9012B	199967
480-66160-2 MS	COMP-02	Total/NA	Solid	9012B	199967
LCS 480-199967/2-A ^2	Lab Control Sample	Total/NA	Solid	9012B	199967

TestAmerica Buffalo

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

General Chemistry (Continued)

Analysis Batch: 199976 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-199967/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	9012B	199967
MB 480-199967/1-A	Method Blank	Total/NA	Solid	9012B	199967

Analysis Batch: 200725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66160-3	VOC-01	Total/NA	Solid	Moisture	
480-66160-4	VOC-02	Total/NA	Solid	Moisture	
480-66160-5	VOC-03	Total/NA	Solid	Moisture	
480-66160-6	VOC-04	Total/NA	Solid	Moisture	
480-66160-7	VOC-05	Total/NA	Solid	Moisture	
480-66160-8	VOC-06	Total/NA	Solid	Moisture	
480-66160-9	VOC-07	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: COMP-01

Lab Sample ID: 480-66160-1

Date Collected: 08/26/14 16:20

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			116951	09/03/14 19:50	CBY	TAL PIT
Total/NA	Analysis	8270D		1	116986	09/04/14 13:23	VVP	TAL PIT
Total/NA	Prep	3550C			200278	08/29/14 12:36	CAM	TAL BUF
Total/NA	Analysis	8081B		50	200390	09/01/14 15:14	LMW	TAL BUF
Total/NA	Prep	3550C			200032	08/28/14 09:28	GVF	TAL BUF
Total/NA	Analysis	8082A		10	199980	08/28/14 19:30	DLE	TAL BUF
Total/NA	Prep	8151A			200027	08/28/14 09:12	CAM	TAL BUF
Total/NA	Analysis	8151A		1	200434	09/03/14 05:26	DGB	TAL BUF
Total/NA	Prep	3050B			200057	08/28/14 12:50	SLB	TAL BUF
Total/NA	Analysis	6010C		1	200184	08/29/14 00:12	MTM2	TAL BUF
Total/NA	Prep	7471B			201497	09/09/14 14:09	LRK	TAL BUF
Total/NA	Analysis	7471B		1	201590	09/09/14 16:32	LRK	TAL BUF
Total/NA	Prep	3060A			116862	09/03/14 10:41	NAK	TAL PIT
Total/NA	Analysis	7196A		1	117027	09/04/14 15:35	NAK	TAL PIT
Total/NA	Prep	9012B			199967	08/27/14 18:50	JMB	TAL BUF
Total/NA	Analysis	9012B		1	199976	08/28/14 04:44	JTS	TAL BUF
Total/NA	Analysis	Moisture		1	199944	08/27/14 20:42	CW	TAL BUF

Client Sample ID: COMP-02

Lab Sample ID: 480-66160-2

Date Collected: 08/26/14 16:30

Matrix: Solid

Date Received: 08/26/14 18:15

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			116951	09/03/14 19:50	CBY	TAL PIT
Total/NA	Analysis	8270D		1	116986	09/04/14 13:50	VVP	TAL PIT
Total/NA	Prep	3550C			200278	08/29/14 12:36	CAM	TAL BUF
Total/NA	Analysis	8081B		50	200390	09/01/14 14:57	LMW	TAL BUF
Total/NA	Prep	3550C			200032	08/28/14 09:28	GVF	TAL BUF
Total/NA	Analysis	8082A		1	199980	08/28/14 19:15	DLE	TAL BUF
Total/NA	Prep	8151A			200027	08/28/14 09:12	CAM	TAL BUF
Total/NA	Analysis	8151A		1	200434	09/03/14 04:57	DGB	TAL BUF
Total/NA	Prep	3050B			200057	08/28/14 12:50	SLB	TAL BUF
Total/NA	Analysis	6010C		1	200184	08/29/14 00:15	MTM2	TAL BUF
Total/NA	Prep	7471B			201497	09/09/14 14:09	LRK	TAL BUF
Total/NA	Analysis	7471B		1	201590	09/09/14 16:34	LRK	TAL BUF
Total/NA	Prep	3060A			116862	09/03/14 10:41	NAK	TAL PIT
Total/NA	Analysis	7196A		1	117027	09/04/14 15:36	NAK	TAL PIT
Total/NA	Prep	9012B			199967	08/27/14 18:50	JMB	TAL BUF
Total/NA	Analysis	9012B		1	199976	08/28/14 04:48	JTS	TAL BUF
Total/NA	Analysis	Moisture		1	199944	08/27/14 20:42	CW	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-01

Date Collected: 08/26/14 16:23

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-3

Matrix: Solid

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			200717	09/03/14 22:53	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	200759	09/04/14 16:03	CDC	TAL BUF
Total/NA	Analysis	Moisture		1	200725	09/04/14 00:43	NMD1	TAL BUF

Client Sample ID: VOC-02

Date Collected: 08/26/14 16:26

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-4

Matrix: Solid

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			200717	09/03/14 22:53	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	200759	09/04/14 16:29	CDC	TAL BUF
Total/NA	Analysis	Moisture		1	200725	09/04/14 00:43	NMD1	TAL BUF

Client Sample ID: VOC-03

Date Collected: 08/26/14 16:28

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-5

Matrix: Solid

Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			200717	09/03/14 22:53	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	200759	09/04/14 16:55	CDC	TAL BUF
Total/NA	Analysis	Moisture		1	200725	09/04/14 00:43	NMD1	TAL BUF

Client Sample ID: VOC-04

Date Collected: 08/26/14 16:32

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-6

Matrix: Solid

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			200717	09/03/14 22:53	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	200759	09/04/14 17:21	CDC	TAL BUF
Total/NA	Analysis	Moisture		1	200725	09/04/14 00:43	NMD1	TAL BUF

Client Sample ID: VOC-05

Date Collected: 08/26/14 16:36

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-7

Matrix: Solid

Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			200717	09/03/14 22:53	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	200759	09/04/14 17:47	CDC	TAL BUF
Total/NA	Analysis	Moisture		1	200725	09/04/14 00:43	NMD1	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Client Sample ID: VOC-06

Date Collected: 08/26/14 16:38

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-8

Matrix: Solid

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			200717	09/03/14 22:53	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	200759	09/04/14 18:12	CDC	TAL BUF
Total/NA	Analysis	Moisture		1	200725	09/04/14 00:43	NMD1	TAL BUF

Client Sample ID: VOC-07

Date Collected: 08/26/14 16:40

Date Received: 08/26/14 18:15

Lab Sample ID: 480-66160-9

Matrix: Solid

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			200717	09/03/14 22:53	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	200909	09/05/14 04:11	RAS	TAL BUF
Total/NA	Analysis	Moisture		1	200725	09/04/14 00:43	NMD1	TAL BUF

Laboratory References:

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

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Certification Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

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	03-31-15
The following analytes are included in this report, but certification is not offered by the governing authority:				
Analysis Method	Prep Method	Matrix	Analyte	
Moisture		Solid	Percent Moisture	
Moisture		Solid	Percent Solids	

Laboratory: TestAmerica Pittsburgh

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	State Program	9	2891	03-31-15
Connecticut	State Program	1	PH-0688	09-30-14 *
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	01-31-15
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15
North Carolina (WW/SW)	State Program	4	434	12-31-14
Pennsylvania	NELAP	3	02-00416	04-30-15
South Carolina	State Program	4	89014	04-30-15
Texas	NELAP	6	T104704528	03-31-15
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-14 *
West Virginia DEP	State Program	3	142	01-31-15
Wisconsin	State Program	5	998027800	08-31-14 *

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151A	Herbicides (GC)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL PIT
9012B	Cyanide, Total and/or Amenable	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 PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey- 500 S. Union (Spencerport) site

TestAmerica Job ID: 480-66160-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-66160-1	COMP-01	Solid	08/26/14 16:20	08/26/14 18:15
480-66160-2	COMP-02	Solid	08/26/14 16:30	08/26/14 18:15
480-66160-3	VOC-01	Solid	08/26/14 16:23	08/26/14 18:15
480-66160-4	VOC-02	Solid	08/26/14 16:26	08/26/14 18:15
480-66160-5	VOC-03	Solid	08/26/14 16:28	08/26/14 18:15
480-66160-6	VOC-04	Solid	08/26/14 16:32	08/26/14 18:15
480-66160-7	VOC-05	Solid	08/26/14 16:36	08/26/14 18:15
480-66160-8	VOC-06	Solid	08/26/14 16:38	08/26/14 18:15
480-66160-9	VOC-07	Solid	08/26/14 16:40	08/26/14 18:15

Chain of Custody Record

Temperature on Receipt

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Turnkey, Address: 2558 Hamburg Turnpike, Buffalo, NY 14218, Project Name: 500 South Union Site Spencerport, NY, Contract/Purchase Order/Quote No.: 0188-013-001

Project Manager: Nate Munley, Date: 8-26-14, Chain of Custody Number: 219581

Telephone Number: (716) 856-8599, Site Contact: Sean Fallon, Lab Contact: Brian Fischer

Sample I.D. No. and Description	Date	Time	Matrix			Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/Conditions of Receipt
			Air	Aqueous	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH		
COMP-01	8-26-14	16:20			X	X						TCL 8260 3 3 480-66160 Chain of Custody
COMP-02		16:30			X	X						
VOC-01		16:23			X	X						
VOC-02		16:26			X	X						
VOC-03		16:28			X	X						
VOC-04		16:32			X	X						
VOC-05		16:36			X	X						
VOC-06		16:38			X	X						
VOC-07		16:40			X	X						

Sample Disposal: ☒ Return To Client, ☐ Unknown, ☐ Poison B, ☐ Skin Irritant, ☐ Flammable, ☐ Non-Hazard

QC Requirements (Specify): CAT B required

1. Relinquished By: Sean Fallon, Date: 8-26-14, Time: 18:15

2. Relinquished By: [Signature], Date: 8-26-14, Time: 18:15

3. Relinquished By: [Signature], Date: [Blank], Time: [Blank]

Comments: Temp 10.8 #ICE

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

Chain of Custody Record

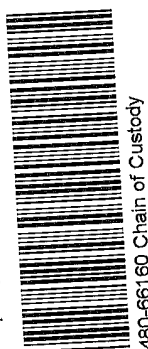
TAL-4124 (1007)

Client Tunkey		Project Manager Nate Munley		Date 8-26-14	Chain of Custody Number 219581
Address 2558 Hamburg Terrapilla		Telephone Number (Area Code)/Fax Number 716 856-8599		Lab Number	Page 1 of 1
City Buffalo	State NY	Zip Code 14218	Site Contact Sean Fallon	Lab Contact Baron Fischer	

Project Name and Location (State) 500 South Union Site Spencerport, NY		Carrier/Waybill Number 0188-013-001	
Contract/Purchase Order/Quote No.		Analysis (Attach list if more space is needed)	

Special Instructions/
Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives				
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl
COMP-01	8-26-14	16:20			X	X	X			
COMP-02		16:30			X	X	X			
VOC-01		16:23			X	X	X			
VOC-02		16:26			X	X	X			
VOC-03		16:28			X	X	X			
VOC-04		16:32			X	X	X			
VOC-05		16:36			X	X	X			
VOC-06		16:38			X	X	X			
VOC-07		16:40			X	X	X			



480-86160 Chain of Custody

Possible Hazard Identification		Sample Disposal		QC Requirements (Specify)	
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☒ Disposal By Lab	☐ Archive For _____ Months
Turn Around Time Required		Return To Client		(A fee may be assessed if samples are retained longer than 1 month)	
☐ 24 Hours	☐ 48 Hours	☐ 7 Days	☐ 14 Days	☐ 21 Days	
Relinquished By Sean Fallon		Date 8-26-14		Time 18:15	
Relinquished By		Date		Time	
Relinquished By		Date		Time	

CAT B required
Unknown TA

Temp 10.8 #1 ICE

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Turnkey Environmental Restoration, LLC

Job Number: 480-66160-1

Login Number: 66160

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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	Yes: Received same day of collection; chilling process has begun
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	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Turnkey Environmental Restoration, LLC

Job Number: 480-66160-1

Login Number: 66160

List Number: 2

Creator: Butcher, Ryan M

List Source: TestAmerica Pittsburgh

List Creation: 08/28/14 11:48 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	