



CBS Corporation

Environmental Remediation
PNC Center
20 Stanwix Street, 10th Floor
Pittsburgh, PA 15222

Via Electronic and First-Class Mail

January 15, 2015

Mr. David P. Locey
New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

**Re: Monthly Status Report, December 2014
NYSDEC Site 9-15-066, Cheektowaga, New York**

Dear Mr. Locey:

On behalf of CBS Corporation (CBS) and the Niagara Frontier Transportation Authority (NFTA), CBS submits this monthly progress report on activities undertaken in December 2014 at New York State Department of Environmental Conservation (NYSDEC) Site No. 9-15-066 in Cheektowaga, New York (the Site) pursuant to the Order on Consent and Settlement Agreement, Index No. B9-0381-91-8, entered with NYSDEC (the Order). Under agreements among the Respondents to the Order, CBS is managing the Remedial Program, including the closure and post-closure monitoring related to the Operable Unit 2 (OU2) groundwater collection and treatment system.

1. Site Activities and Status

- A. On December 10, 2014, CBS submitted to NYSDEC a monthly report on the status of activities at the Site in November 2014.
- B. TestAmerica Laboratories, Inc. (TestAmerica) completed the analyses of groundwater and storm sewer (surface water) samples collected in November 2014 as part of the first round of OU2 post-closure monitoring.¹
- C. On behalf of CBS, Conestoga-Rovers & Associates (CRA) completed the submittal of all outstanding electronic data deliverables (EDDs) for

¹ After receipt at the laboratory, containers for the groundwater sample collected at well MW-34D were accidentally broken. CRA resampled MW-34D and submitted the sample to TestAmerica on December 2, 2014.

incorporation of Site data into the NYSDEC EQUIS database. These included submittals on December 10, 2014 (*i.e.*, October 2014 treatment system influent and effluent and November 2014 treatment system effluent) and December 12, 2014 (*i.e.*, July 2014 and November 2014 groundwater and surface water samples). Site EDD submittals for incorporation into the NYSDEC EQUIS database are now up to date.

2. Sampling Results and Other Site Data

- A. Table 1 presents the results of the November 2014 groundwater sampling. As shown in this table, none of the monitored constituents were detected at concentrations above their respective remedial action objective.
- B. Tables 2 through 4 present the results of the November 2014 storm sewer sampling as well as the results of the baseline sampling conducted in July 2014. Sampling locations are shown in Figure 1. As indicated in these tables, low constituent concentrations are evident in the area of the 001 segment of the former collection system and the western portion of the 003 segment (*i.e.*, Manholes MH-3B and MH-3C). Higher (and variable) constituent concentrations are present in the area of the 002 segment and the eastern portion of the 003 segment (*i.e.*, Manhole MH-3A). Additional rounds of data are needed to assess trends in post-closure constituent concentrations in surface water.
- C. Attachments A and B provide the analytical laboratory reports for the groundwater samples collected in November 2014 and December 2014, respectively.
- D. Attachment C provides the analytical laboratory report for the surface water samples collected in November 2014.

3. Upcoming Activities

- A. CBS will submit a summary report on the completed OU2 closure activities to NYSDEC.
- B. CBS will continue the quarterly OU2 post-closure groundwater and surface water monitoring.

4. Technical and Schedule Issues

- A. There are no unresolved technical or operational issues affecting the OU2 post-closure groundwater and surface water monitoring.

Mr. David P. Locey

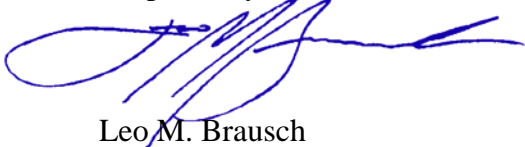
January 15, 2015

Page 3

With completion of the OU2 closure, the only planned future activity is completion of the remaining seven rounds of quarterly post-closure groundwater and surface water monitoring. On this basis, CBS requests that submittal of monthly progress reports be terminated and that future Site progress reporting be on a quarterly basis corresponding with the submittal of generated monitoring data.

We trust this submittal satisfies your requirements at this time. If you have questions regarding this status report or other project matters, please do not hesitate to contact me.

Respectfully submitted,



Leo M. Brausch
Consultant/Project Engineer
Environmental Remediation

LMB:
Attachments

cc: Tim Carvana, NFTA
M. G. Graham, Esq.
K. P. Lynch, CRA
W. D. Wall, Esq.

TABLES

Table 1
Summary of Groundwater Monitoring Data
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	2	5	25
MW-2	11/24/14	0.47 J	1 U	1 U	1 U	0.54 J	5 U	3.6 J
MW-5	11/24/14	1 U	1 U	1 U	0.71 J	1 U	5 U	2.6 J
MW-5 (dup)	11/24/14	1 U	1 U	1 U	0.66 J	1 U	5 U	2.6 J
MW-28	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	11 J
MW-30	11/24/14	1 U	1 U	1 U	0.23 J	1 U	5 U	1.5 J
MW-31	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	6.0 J
MW-32	11/24/14	1.9	1 U	1 U	1.1	1.0	5 U	1.6 J
MW-33	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	1.6 J
MW-34	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	1.2 J
MW-34D	11/24/14	1 U	1 U	1 U	1 U	1 U	0.13 J	10 U
MW-35	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	10 U

Data Legend:

Detections and estimated values are in **bold-face** type.

Data qualifiers:

U - not detected at indicated reporting limit (RL)

J - estimated concentration above minimum detection limit (MDL), but below RL.

Table 2
NFTA Storm Sewer Sampling Results - 001 System Area
Site No. 9-15-066, Cheektowaga, New York

Parameter	Units	MH-1A		MH-1B		MH-1C	
		07/14/14	11/24/14	07/14/14	11/24/14	07/14/14	11/24/14
pH	s.u.	7.90	7.64	8.06	7.69	8.18	7.82
Total suspended solids	mg/L	2.4	46	7.6	5.6	8.0	8.0
Metals:							
Cadmium	µg/L	0.61 J	0.54 J	5.0 U	5.0 U	5.0 U	5.0 U
Chromium	µg/L	1.4 J	3.8 J	5.0 U	1.1 J	5.0 U	0.78 J
Lead	µg/L	NA	3.1 J	NA	1.6 J	NA	10 U
Volatile Organic Compounds:							
1,2-dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	µg/L	1.0 U	0.91 JB	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethylene	µg/L	1.9	0.25 J	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethylene	µg/L	1.0 U	0.22 J	1.0 U	0.20 J	1.0 U	0.24 J
Vinyl chloride	µg/L	NA	1.0 U	NA	1.0 U	NA	1.0 U

Notes:

1. For manhole locations, see Figure 1.
2. "NA" indicates not available.
3. Data Legend:

Detections and estimated values are in **bold-face** type.

Data Qualifiers:

U - not detected at indicated reporting limit (RL).

J - estimated concentration above minimum detection limit (MDL) but below RL.

B - constituent detected in corresponding blank sample.

Table 3
NFTA Storm Sewer Sampling Results - 002 System Area
Site No. 9-15-066, Cheektowaga, New York

Parameter	Units	MH-2A		MH-2B		MH-2C		MH-2D	
		07/11/14	11/24/14	07/11/14	11/24/14	07/11/14	11/24/14	07/11/14	11/24/14
pH	s.u.	8.69	8.32	11.7	10.4	9.14	9.17	8.80	8.76
Total suspended solids	mg/L	30	2 U	6.4	97	310	150	62	22
Metals:									
Cadmium	µg/L	5 U	0.21 J	5 U	5 U	5 U	0.34 J	5 U	5 U
Chromium	µg/L	2.2 J	3.0 J	5.7	7.1	6.0	15	4.0 J	5.0
Lead	µg/L	NA	10 U	NA	10 U	NA	9.5 J	NA	10 U
Volatile Organic Compounds:									
1,2-dichlorobenzene	µg/L	1 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U
cis-1,2-dichloroethylene	µg/L	2.3	21	25	27	25	18	2.9	53
Methylene Chloride	µg/L	0.50 JB	4.9 JB	1.4 JB	0.71 JB	1.2 JB	1 U	0.51 JB	2.5 JB
Toluene	µg/L	1 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U
Tetrachloroethylene	µg/L	1 U	0.98 J	5.7	7.9	6.6	6.3	0.2 J	1.0
Trichloroethylene	µg/L	18	120	41	44	46	30	20	130
Vinyl chloride	µg/L	NA	1.6	NA	1.6 J	NA	1.4	NA	4.9

Notes:

1. For manhole locations, see Figure 1.
2. "NA" indicates not available.
3. Data Legend:

Detections and estimated values are in **bold-face** type.

Data Qualifiers:

U - not detected at indicated reporting limit (RL).

J - estimated concentration above minimum detection limit (MDL) but below RL

B - constituent detected in corresponding blank sample.

Table 4
NFTA Storm Sewer Sampling Results - 003 System Area
Site No. 9-15-066, Cheektowaga, New York

Parameter	Units	MH-3A		MH-3B			MH-3C	
		07/11/14	11/24/14	07/11/14	11/24/14	11/24/14 (dup)	07/11/14	11/24/14
pH	s.u.	9.56	8.84	8.88	8.05	8.01	8.67	7.84
Total suspended solids	mg/L	2.4	25	13	150	160	160	260
Metals:								
Cadmium	µg/L	5 U	5 U	5 U	0.31 J	0.20 J	5 U	0.50 J
Chromium	µg/L	5.6	4.2 J	1.4 J	13	15	3.1 J	21
Lead	µg/L	NA	10 U	NA	43	48	NA	25
Volatile Organic Compounds:								
1,2-dichlorobenzene	µg/L	25 U	3 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethylene	µg/L	52	30	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	µg/L	16 JB	1.3 JB	0.48 JB	1 U	1 U	0.48 JB	1 U
Toluene	µg/L	25 U	3 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene	µg/L	25 U	3 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene	µg/L	370	110	0.95 J	1 U	1 U	1 U	1.8
Vinyl chloride	µg/L	NA	0.84 J	NA	1 U	1 U	NA	1 U

Notes:

1. For manhole locations, see Figure 1.
2. "NA" indicates not available.
3. Data Legend:

Detections and estimated values are in **bold-face** type.

Data Qualifiers:

U - not detected at indicated reporting limit (RL)

J - estimated concentration above minimum detection limit (MDL) but below RL

B - constituent detected in corresponding blank sample.

FIGURE

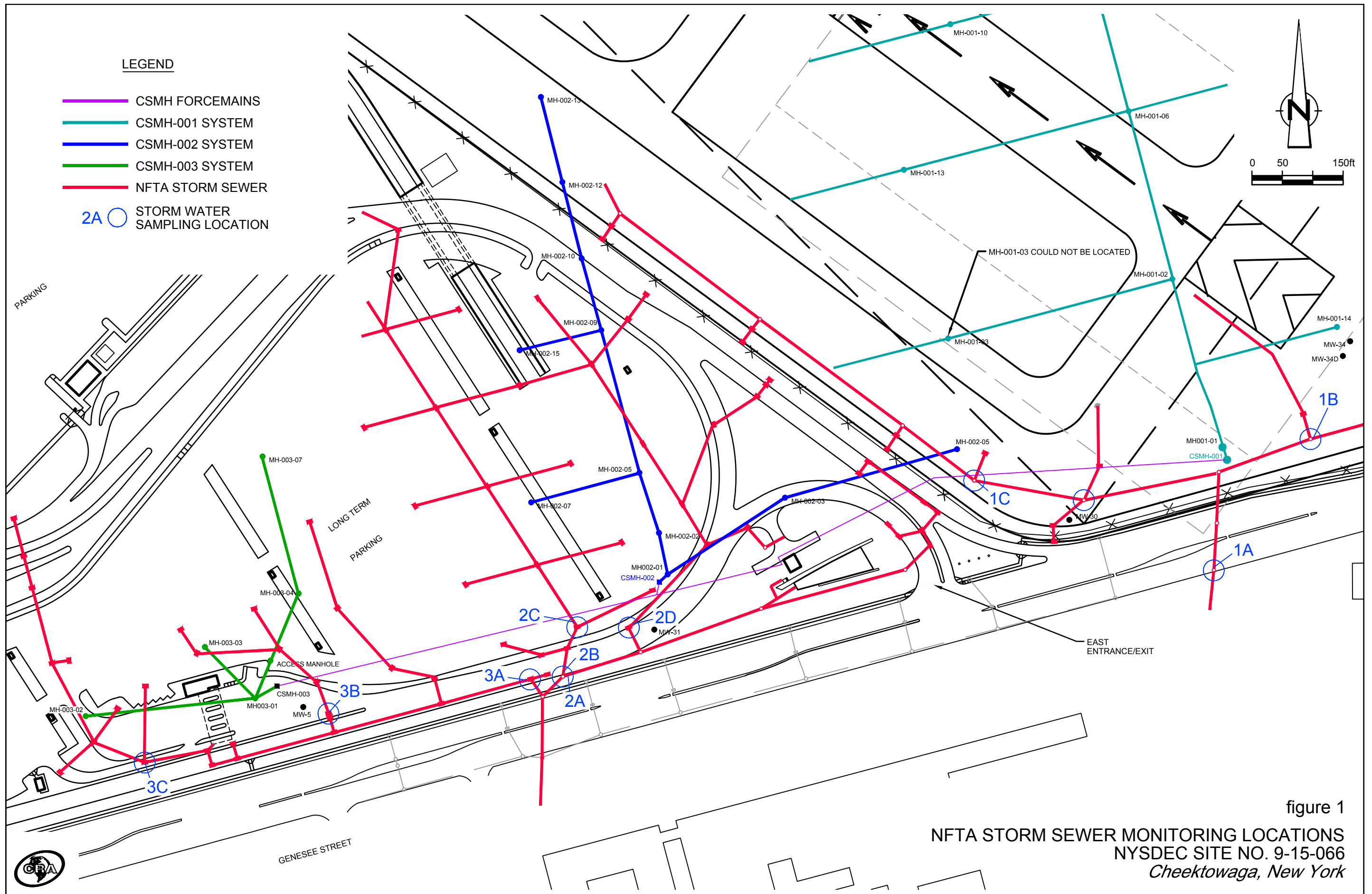


figure 1
 NFTA STORM SEWER MONITORING LOCATIONS
 NYSDEC SITE NO. 9-15-066
 Cheektowaga, New York

ATTACHMENT A
ANALYTICAL LABORATORY REPORT
NOVEMBER 2014 GROUNDWATER SAMPLING

Well Sampling Key
November 24, 2014
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well No.	Sample No.
MW-34D	WG-18036-112414 -001
MW-34	WG-18036-112414 -002
MW-30	WG-18036-112414 -003
MW-35	WG-18036-112414 -004
MW-33	WG-18036-112414 -005
MW-2	WG-18036-112414 -006
MW-32	WG-18036-112414 -007
MW-28	WG-18036-112414 -008
MW-31	WG-18036-112414 -009
MW-5	WG-18036-112414 -010
MW-5 (dup)	WG-18036-112414 -011
Trip Blank	TB-18036-112414

Note :

1. After receipt at the laboratory, containers for sample WG-18036-112414-001 (well MW-34D) were accidentally broken. CRA resampled MW-34D and submitted the sample to TestAmerica on December 2, 2014.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-39256-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

12/10/2014 2:48:58 PM

Jill Colussy, Project Manager I

(412)963-2444

jill.colussy@testamericainc.com

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www.testamericainc.com

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

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

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12

13



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	12
QC Sample Results	17
QC Association Summary	19
Chain of Custody	21
Receipt Checklists	22

Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Job ID: 180-39256-1

Laboratory: TestAmerica Pittsburgh

Narrative

**Job Narrative
180-39256-1**

Receipt

The samples were received on 11/25/2014 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.1° C, 3.8° C and 4.1° C.

The sample receiving technician dropped and broke all of the VOA vials for sample WG-18036-112414-SG-001 and the TRIP BLANK. The client was contacted and the sample will be re-submitted to the laboratory for VOA analysis.

GC/MS VOA

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

Metals

Samples WG-18036-112414-SG-006 (180-39256-6), WG-18036-112414-SG-008 (180-39256-8), and WG-18036-112414-SG-009 (180-39256-9) were analyzed at dilution for lead. This analyte is reported from the 6500ICP, for which internal standards, indium and yttrium, are added to all standards and samples during analysis. The indium counts in these samples were outside of QC criteria (70-130% of the indium counts in the ICB), therefore, the analyte referencing indium was diluted for analysis. Elevated reporting limits (RLs) are provided.



Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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)

Certification Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

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	09-30-16
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	11-30-15
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-39256-1	WG-18036-112414-SG-001	Water	11/24/14 10:00	11/25/14 09:40
180-39256-2	WG-18036-112414-SG-002	Water	11/24/14 09:30	11/25/14 09:40
180-39256-3	WG-18036-112414-SG-003	Water	11/24/14 11:00	11/25/14 09:40
180-39256-4	WG-18036-112414-SG-004	Water	11/24/14 10:25	11/25/14 09:40
180-39256-5	WG-18036-112414-SG-005	Water	11/24/14 11:40	11/25/14 09:40
180-39256-6	WG-18036-112414-SG-006	Water	11/24/14 11:45	11/25/14 09:40
180-39256-7	WG-18036-112414-SG-007	Water	11/24/14 13:25	11/25/14 09:40
180-39256-8	WG-18036-112414-SG-008	Water	11/24/14 13:00	11/25/14 09:40
180-39256-9	WG-18036-112414-SG-009	Water	11/24/14 15:05	11/25/14 09:40
180-39256-10	WG-18036-112414-SG-010	Water	11/24/14 14:00	11/25/14 09:40
180-39256-11	WG-18036-112414-SG-011	Water	11/24/14 14:00	11/25/14 09:40



Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL PIT
200.7 Rev 4.4	Metals (ICP)	EPA	TAL PIT

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

Laboratory References:

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



Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Client Sample ID: WG-18036-112414-SG-001

Lab Sample ID: 180-39256-1

Date Collected: 11/24/14 10:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 16:25	RJR	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-002

Lab Sample ID: 180-39256-2

Date Collected: 11/24/14 09:30

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 02:34	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 16:45	RJR	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-003

Lab Sample ID: 180-39256-3

Date Collected: 11/24/14 11:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 03:22	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 16:50	RJR	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-004

Lab Sample ID: 180-39256-4

Date Collected: 11/24/14 10:25

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 03:46	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 17:05	RJR	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-005

Lab Sample ID: 180-39256-5

Date Collected: 11/24/14 11:40

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 04:11	DLF	TAL PIT

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Client Sample ID: WG-18036-112414-SG-005

Lab Sample ID: 180-39256-5

Date Collected: 11/24/14 11:40

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 04:11	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 17:11	RJR	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-006

Lab Sample ID: 180-39256-6

Date Collected: 11/24/14 11:45

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 04:59	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 17:16	RJR	TAL PIT
Instrument ID: C										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		2	50 mL	50 mL	127307	12/04/14 14:14	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-007

Lab Sample ID: 180-39256-7

Date Collected: 11/24/14 13:25

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 05:23	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 17:21	RJR	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-008

Lab Sample ID: 180-39256-8

Date Collected: 11/24/14 13:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 05:47	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 17:41	RJR	TAL PIT
Instrument ID: C										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Client Sample ID: WG-18036-112414-SG-008

Lab Sample ID: 180-39256-8

Date Collected: 11/24/14 13:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	200.7 Rev 4.4		2	50 mL	50 mL	127307	12/04/14 14:19	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-009

Lab Sample ID: 180-39256-9

Date Collected: 11/24/14 15:05

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 06:36	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 17:47	RJR	TAL PIT
Instrument ID: C										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		2	50 mL	50 mL	127307	12/04/14 14:25	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-010

Lab Sample ID: 180-39256-10

Date Collected: 11/24/14 14:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 07:00	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 17:52	RJR	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-112414-SG-011

Lab Sample ID: 180-39256-11

Date Collected: 11/24/14 14:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 07:24	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126786	12/01/14 02:35	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	127025	12/02/14 18:07	RJR	TAL PIT
Instrument ID: C										

Laboratory References:

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

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

SLB = Sandy Becker

Batch Type: Analysis

DLF = Donald Ferguson

RJG = Rob Good

RJR = Ron Rosenbaum

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Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Client Sample ID: WG-18036-112414-SG-001

Lab Sample ID: 180-39256-1

Date Collected: 11/24/14 10:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.13	J	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 16:25	1
Lead	10	U	10	1.2	ug/L		12/01/14 02:35	12/02/14 16:25	1

Client Sample ID: WG-18036-112414-SG-002

Lab Sample ID: 180-39256-2

Date Collected: 11/24/14 09:30

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 02:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 02:34	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 02:34	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/06/14 02:34	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 135					12/06/14 02:34	1
4-Bromofluorobenzene (Surr)	97		62 - 123					12/06/14 02:34	1
Dibromofluoromethane (Surr)	104		64 - 128					12/06/14 02:34	1
Toluene-d8 (Surr)	102		71 - 118					12/06/14 02:34	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 16:45	1
Lead	2.1	J	10	1.2	ug/L		12/01/14 02:35	12/02/14 16:45	1

Client Sample ID: WG-18036-112414-SG-003

Lab Sample ID: 180-39256-3

Date Collected: 11/24/14 11:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 03:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 03:22	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 03:22	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/06/14 03:22	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 135					12/06/14 03:22	1
4-Bromofluorobenzene (Surr)	97		62 - 123					12/06/14 03:22	1
Dibromofluoromethane (Surr)	107		64 - 128					12/06/14 03:22	1
Toluene-d8 (Surr)	104		71 - 118					12/06/14 03:22	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 16:50	1
Lead	1.5	J	10	1.2	ug/L		12/01/14 02:35	12/02/14 16:50	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Client Sample ID: WG-18036-112414-SG-004

Lab Sample ID: 180-39256-4

Date Collected: 11/24/14 10:25

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 03:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 03:46	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 03:46	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/06/14 03:46	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 03:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 135		12/06/14 03:46	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/06/14 03:46	1
Dibromofluoromethane (Surr)	105		64 - 128		12/06/14 03:46	1
Toluene-d8 (Surr)	103		71 - 118		12/06/14 03:46	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 17:05	1
Lead	10	U	10	1.2	ug/L		12/01/14 02:35	12/02/14 17:05	1

Client Sample ID: WG-18036-112414-SG-005

Lab Sample ID: 180-39256-5

Date Collected: 11/24/14 11:40

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 04:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 04:11	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 04:11	1
Trichloroethene	0.23	J	1.0	0.14	ug/L			12/06/14 04:11	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		58 - 135		12/06/14 04:11	1
4-Bromofluorobenzene (Surr)	95		62 - 123		12/06/14 04:11	1
Dibromofluoromethane (Surr)	108		64 - 128		12/06/14 04:11	1
Toluene-d8 (Surr)	101		71 - 118		12/06/14 04:11	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 17:11	1
Lead	1.6	J	10	1.2	ug/L		12/01/14 02:35	12/02/14 17:11	1

Client Sample ID: WG-18036-112414-SG-006

Lab Sample ID: 180-39256-6

Date Collected: 11/24/14 11:45

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 04:59	1
cis-1,2-Dichloroethene	0.47	J	1.0	0.24	ug/L			12/06/14 04:59	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 04:59	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/06/14 04:59	1
Vinyl chloride	0.54	J	1.0	0.23	ug/L			12/06/14 04:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Client Sample ID: WG-18036-112414-SG-006

Lab Sample ID: 180-39256-6

Date Collected: 11/24/14 11:45

Matrix: Water

Date Received: 11/25/14 09:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 135		12/06/14 04:59	1
4-Bromofluorobenzene (Surr)	97		62 - 123		12/06/14 04:59	1
Dibromofluoromethane (Surr)	104		64 - 128		12/06/14 04:59	1
Toluene-d8 (Surr)	104		71 - 118		12/06/14 04:59	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 17:16	1
Lead	3.6	J	20	2.4	ug/L		12/01/14 02:35	12/04/14 14:14	2

Client Sample ID: WG-18036-112414-SG-007

Lab Sample ID: 180-39256-7

Date Collected: 11/24/14 13:25

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 05:23	1
cis-1,2-Dichloroethene	1.9		1.0	0.24	ug/L			12/06/14 05:23	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 05:23	1
Trichloroethene	1.0		1.0	0.14	ug/L			12/06/14 05:23	1
Vinyl chloride	1.1		1.0	0.23	ug/L			12/06/14 05:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 135		12/06/14 05:23	1
4-Bromofluorobenzene (Surr)	95		62 - 123		12/06/14 05:23	1
Dibromofluoromethane (Surr)	105		64 - 128		12/06/14 05:23	1
Toluene-d8 (Surr)	98		71 - 118		12/06/14 05:23	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 17:21	1
Lead	1.6	J	10	1.2	ug/L		12/01/14 02:35	12/02/14 17:21	1

Client Sample ID: WG-18036-112414-SG-008

Lab Sample ID: 180-39256-8

Date Collected: 11/24/14 13:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 05:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 05:47	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 05:47	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/06/14 05:47	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		58 - 135		12/06/14 05:47	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/06/14 05:47	1
Dibromofluoromethane (Surr)	107		64 - 128		12/06/14 05:47	1
Toluene-d8 (Surr)	103		71 - 118		12/06/14 05:47	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Client Sample ID: WG-18036-112414-SG-008

Lab Sample ID: 180-39256-8

Date Collected: 11/24/14 13:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 17:41	1
Lead	11	J	20	2.4	ug/L		12/01/14 02:35	12/04/14 14:19	2

Client Sample ID: WG-18036-112414-SG-009

Lab Sample ID: 180-39256-9

Date Collected: 11/24/14 15:05

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 06:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 06:36	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 06:36	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/06/14 06:36	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 06:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		58 - 135		12/06/14 06:36	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/06/14 06:36	1
Dibromofluoromethane (Surr)	106		64 - 128		12/06/14 06:36	1
Toluene-d8 (Surr)	100		71 - 118		12/06/14 06:36	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 17:47	1
Lead	6.0	J	20	2.4	ug/L		12/01/14 02:35	12/04/14 14:25	2

Client Sample ID: WG-18036-112414-SG-010

Lab Sample ID: 180-39256-10

Date Collected: 11/24/14 14:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 07:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 07:00	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 07:00	1
Trichloroethene	0.71	J	1.0	0.14	ug/L			12/06/14 07:00	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 07:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 135		12/06/14 07:00	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/06/14 07:00	1
Dibromofluoromethane (Surr)	107		64 - 128		12/06/14 07:00	1
Toluene-d8 (Surr)	100		71 - 118		12/06/14 07:00	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 17:52	1
Lead	2.6	J	10	1.2	ug/L		12/01/14 02:35	12/02/14 17:52	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Client Sample ID: WG-18036-112414-SG-011

Lab Sample ID: 180-39256-11

Date Collected: 11/24/14 14:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/06/14 07:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 07:24	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 07:24	1
Trichloroethene	0.66	J	1.0	0.14	ug/L			12/06/14 07:24	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 07:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 135		12/06/14 07:24	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/06/14 07:24	1
Dibromofluoromethane (Surr)	108		64 - 128		12/06/14 07:24	1
Toluene-d8 (Surr)	103		71 - 118		12/06/14 07:24	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 18:07	1
Lead	1.8	J	10	1.2	ug/L		12/01/14 02:35	12/02/14 18:07	1

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-127358/30

Matrix: Water

Analysis Batch: 127358

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	1.0	U	1.0	0.29	ug/L			12/05/14 22:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/05/14 22:32	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 22:32	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/05/14 22:32	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/05/14 22:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 135		12/05/14 22:32	1
4-Bromofluorobenzene (Surr)	95		62 - 123		12/05/14 22:32	1
Dibromofluoromethane (Surr)	105		64 - 128		12/05/14 22:32	1
Toluene-d8 (Surr)	101		71 - 118		12/05/14 22:32	1

Lab Sample ID: LCS 180-127358/1005

Matrix: Water

Analysis Batch: 127358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.01		ug/L		90	75 - 125
cis-1,2-Dichloroethene	10.0	9.69		ug/L		97	69 - 127
Toluene	10.0	10.5		ug/L		105	74 - 126
Trichloroethene	10.0	9.30		ug/L		93	73 - 125
Vinyl chloride	10.0	10.6		ug/L		106	30 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		58 - 135
4-Bromofluorobenzene (Surr)	96		62 - 123
Dibromofluoromethane (Surr)	91		64 - 128
Toluene-d8 (Surr)	105		71 - 118

Lab Sample ID: LCSD 180-127358/11

Matrix: Water

Analysis Batch: 127358

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	10.0	8.96		ug/L		90	75 - 125	1	25
cis-1,2-Dichloroethene	10.0	9.91		ug/L		99	69 - 127	2	20
Toluene	10.0	10.1		ug/L		101	74 - 126	4	25
Trichloroethene	10.0	9.43		ug/L		94	73 - 125	1	25
Vinyl chloride	10.0	10.4		ug/L		104	30 - 140	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	82		58 - 135
4-Bromofluorobenzene (Surr)	91		62 - 123
Dibromofluoromethane (Surr)	91		64 - 128
Toluene-d8 (Surr)	98		71 - 118

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-126786/1-A
Matrix: Water
Analysis Batch: 127025

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 126786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		12/01/14 02:35	12/02/14 16:10	1
Lead	10	U	10	1.2	ug/L		12/01/14 02:35	12/02/14 16:10	1

Lab Sample ID: LCS 180-126786/2-A
Matrix: Water
Analysis Batch: 127025

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 126786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	52.7		ug/L		105	85 - 115
Lead	500	481		ug/L		96	85 - 115

Lab Sample ID: 180-39256-1 MS
Matrix: Water
Analysis Batch: 127025

Client Sample ID: WG-18036-112414-SG-001
Prep Type: Total Recoverable
Prep Batch: 126786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.13	J	50.0	55.2		ug/L		110	70 - 130
Lead	10	U	500	504		ug/L		101	70 - 130

Lab Sample ID: 180-39256-1 MSD
Matrix: Water
Analysis Batch: 127025

Client Sample ID: WG-18036-112414-SG-001
Prep Type: Total Recoverable
Prep Batch: 126786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	0.13	J	50.0	56.1		ug/L		112	70 - 130	2	20
Lead	10	U	500	510		ug/L		102	70 - 130	1	20

Lab Sample ID: 180-39256-7 MS
Matrix: Water
Analysis Batch: 127025

Client Sample ID: WG-18036-112414-SG-007
Prep Type: Total Recoverable
Prep Batch: 126786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	5.0	U	50.0	54.6		ug/L		109	70 - 130
Lead	1.6	J	500	499		ug/L		100	70 - 130

Lab Sample ID: 180-39256-7 MSD
Matrix: Water
Analysis Batch: 127025

Client Sample ID: WG-18036-112414-SG-007
Prep Type: Total Recoverable
Prep Batch: 126786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	5.0	U	50.0	55.0		ug/L		110	70 - 130	1	20
Lead	1.6	J	500	503		ug/L		100	70 - 130	1	20

TestAmerica Pittsburgh

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

GC/MS VOA

Analysis Batch: 127358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39256-2	WG-18036-112414-SG-002	Total/NA	Water	624	
180-39256-3	WG-18036-112414-SG-003	Total/NA	Water	624	
180-39256-4	WG-18036-112414-SG-004	Total/NA	Water	624	
180-39256-5	WG-18036-112414-SG-005	Total/NA	Water	624	
180-39256-6	WG-18036-112414-SG-006	Total/NA	Water	624	
180-39256-7	WG-18036-112414-SG-007	Total/NA	Water	624	
180-39256-8	WG-18036-112414-SG-008	Total/NA	Water	624	
180-39256-9	WG-18036-112414-SG-009	Total/NA	Water	624	
180-39256-10	WG-18036-112414-SG-010	Total/NA	Water	624	
180-39256-11	WG-18036-112414-SG-011	Total/NA	Water	624	
LCS 180-127358/1005	Lab Control Sample	Total/NA	Water	624	
LCS 180-127358/11	Lab Control Sample Dup	Total/NA	Water	624	
MB 180-127358/30	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 126786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39256-1	WG-18036-112414-SG-001	Total Recoverable	Water	200.7	
180-39256-1 MS	WG-18036-112414-SG-001	Total Recoverable	Water	200.7	
180-39256-1 MSD	WG-18036-112414-SG-001	Total Recoverable	Water	200.7	
180-39256-2	WG-18036-112414-SG-002	Total Recoverable	Water	200.7	
180-39256-3	WG-18036-112414-SG-003	Total Recoverable	Water	200.7	
180-39256-4	WG-18036-112414-SG-004	Total Recoverable	Water	200.7	
180-39256-5	WG-18036-112414-SG-005	Total Recoverable	Water	200.7	
180-39256-6	WG-18036-112414-SG-006	Total Recoverable	Water	200.7	
180-39256-7	WG-18036-112414-SG-007	Total Recoverable	Water	200.7	
180-39256-7 MS	WG-18036-112414-SG-007	Total Recoverable	Water	200.7	
180-39256-7 MSD	WG-18036-112414-SG-007	Total Recoverable	Water	200.7	
180-39256-8	WG-18036-112414-SG-008	Total Recoverable	Water	200.7	
180-39256-9	WG-18036-112414-SG-009	Total Recoverable	Water	200.7	
180-39256-10	WG-18036-112414-SG-010	Total Recoverable	Water	200.7	
180-39256-11	WG-18036-112414-SG-011	Total Recoverable	Water	200.7	
LCS 180-126786/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-126786/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 127025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39256-1	WG-18036-112414-SG-001	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-1 MS	WG-18036-112414-SG-001	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-1 MSD	WG-18036-112414-SG-001	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-2	WG-18036-112414-SG-002	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-3	WG-18036-112414-SG-003	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-4	WG-18036-112414-SG-004	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-5	WG-18036-112414-SG-005	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-6	WG-18036-112414-SG-006	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-7	WG-18036-112414-SG-007	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-7 MS	WG-18036-112414-SG-007	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-7 MSD	WG-18036-112414-SG-007	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-8	WG-18036-112414-SG-008	Total Recoverable	Water	200.7 Rev 4.4	126786

TestAmerica Pittsburgh

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39256-1

Metals (Continued)

Analysis Batch: 127025 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39256-9	WG-18036-112414-SG-009	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-10	WG-18036-112414-SG-010	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-11	WG-18036-112414-SG-011	Total Recoverable	Water	200.7 Rev 4.4	126786
LCS 180-126786/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	126786
MB 180-126786/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	126786

Analysis Batch: 127307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39256-6	WG-18036-112414-SG-006	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-8	WG-18036-112414-SG-008	Total Recoverable	Water	200.7 Rev 4.4	126786
180-39256-9	WG-18036-112414-SG-009	Total Recoverable	Water	200.7 Rev 4.4	126786





CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

Address: 2055 Niagara Falls Blvd, Niagara Falls, NY 14304
Phone: 716-297-6150 Fax: _____

COC NO.: 48207
PAGE ___ OF ___

(See Reverse Side for Instructions)

Project No/ Phrase/Task Code:
18036 - 2014

Project Name:
Viacom (Buffalo Airport)

Project Location:
Genese Street

Chemistry Contact:
S. Gardner / D. Tyrn

Laboratory Name:
Test America

Lab Contact:
J. Li Colussy

Lab Location:
Pittsborough

Lab Quote No.:

SSOW/ID:

Cooler No.:

Carrier:

Arbill No.:

Date Shipped:
11-24-14

COMMENTS/
SPECIAL INSTRUCTIONS:

Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (month/day)	TIME (hr:min)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	CONTAINER QUANTITY & PRESERVATION	ANALYSIS REQUESTED (See Back of COC for Definitions)	MS/MSD Request
1	TB-18036-112414-SG	11-24-14		TB-G	G	X								1			
2	WG-18036-112414-SG-001	11-24-14	1000	WG-G	G	X								4			
3	WG-18036-112414-SG-002	11-24-14	0930	WG-G	G	X								4			
4	WG-18036-112414-SG-003	11-24-14	1100	WG-G	G	X								4			
5	WG-18036-112414-SG-004	11-24-14	1025	WG-G	G	X								4			
6	WG-18036-112414-SG-005	11-24-14	1140	WG-G	G	X								4			
7	WG-18036-112414-SG-006	11-24-14	1145	WG-G	G	X								4			
8	WG-18036-112414-SG-007	11-24-14	1325	WG-G	G	X								4			
9	WG-18036-112414-SG-008	11-24-14	1300	WG-G	G	X								4			
10	WG-18036-112414-SG-009	11-24-14	1505	WG-G	G	X								4			
11	WG-18036-112414-SG-010	11-24-14	1400	WG-G	G	X								4			
12	WG-18036-112414-SG-011	11-24-14	1400	WG-G	G	X								4			
13																	
14																	
15																	



180-39256 Chain of Custody

TAT Required in business days (use separate COCs for different TATs):

1 Day 2 Days 3 Days 1 Week 2 Week Other:

Total Number of Containers: 45
All Samples in Cooler must be on COC

Notes/ Special Requirements:

RECEIVED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
<i>Dave Ryan</i>	CRA	11-24-14		<i>Debbie Watson</i>	AA	11-25-14	9:40

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE - Fully Executed Copy (CRA) YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampling Crew CRA Form: COC-10B (2011/08/04)

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-39256-1

Login Number: 39256

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ 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.	False	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ATTACHMENT B
ANALYTICAL LABORATORY REPORT
NOVEMBER 2014 GROUNDWATER SAMPLING (MW-34D)

Well Sampling Key
December 2, 2014
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well No.	Sample No.
MW-34D	WG-18036-120214-KL -001

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-39417-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

12/10/2014 3:41:49 PM

Jill Colussy, Project Manager I

(412)963-2444

jill.colussy@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	9
QC Sample Results	10
QC Association Summary	11
Chain of Custody	12
Receipt Checklists	13

Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

Job ID: 180-39417-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-39417-1

Receipt

The sample was received on 12/3/2014 9:40 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3° C.

GC/MS VOA

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

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- 2
- 3
- 4
- 5
- 6
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- 12
- 13

Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Certification Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

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	09-30-16
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	11-30-15
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-39417-1	WG-18036-120214-KL-001	Water	12/02/14 09:45	12/03/14 09:40

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Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL PIT

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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



Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

Client Sample ID: WG-18036-120214-KL-001

Lab Sample ID: 180-39417-1

Date Collected: 12/02/14 09:45

Matrix: Water

Date Received: 12/03/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127443	12/07/14 01:38	DLF	TAL PIT
Instrument ID: CHHP5										

Laboratory References:

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

Analyst References:

Lab: TAL PIT

Batch Type: Analysis

DLF = Donald Ferguson



Client Sample Results

Client: Leo Brausch Consulting
 Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

Client Sample ID: WG-18036-120214-KL-001

Lab Sample ID: 180-39417-1

Date Collected: 12/02/14 09:45

Matrix: Water

Date Received: 12/03/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			12/07/14 01:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/07/14 01:38	1
Toluene	1.0	U	1.0	0.15	ug/L			12/07/14 01:38	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/07/14 01:38	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/07/14 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		58 - 135		12/07/14 01:38	1
4-Bromofluorobenzene (Surr)	94		62 - 123		12/07/14 01:38	1
Dibromofluoromethane (Surr)	104		64 - 128		12/07/14 01:38	1
Toluene-d8 (Surr)	102		71 - 118		12/07/14 01:38	1

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-127443/32

Matrix: Water

Analysis Batch: 127443

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	1.0	U	1.0	0.29	ug/L			12/06/14 23:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 23:37	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 23:37	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/06/14 23:37	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 23:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		58 - 135		12/06/14 23:37	1
4-Bromofluorobenzene (Surr)	93		62 - 123		12/06/14 23:37	1
Dibromofluoromethane (Surr)	106		64 - 128		12/06/14 23:37	1
Toluene-d8 (Surr)	100		71 - 118		12/06/14 23:37	1

Lab Sample ID: LCS 180-127443/1002

Matrix: Water

Analysis Batch: 127443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.7		ug/L		107	75 - 125
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	69 - 127
Toluene	10.0	11.4		ug/L		114	74 - 126
Trichloroethene	10.0	10.6		ug/L		106	73 - 125
Vinyl chloride	10.0	11.4		ug/L		114	30 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	79		58 - 135
4-Bromofluorobenzene (Surr)	91		62 - 123
Dibromofluoromethane (Surr)	88		64 - 128
Toluene-d8 (Surr)	102		71 - 118

Lab Sample ID: LCSD 180-127443/10

Matrix: Water

Analysis Batch: 127443

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	10.0	8.85		ug/L		88	75 - 125	19	25
cis-1,2-Dichloroethene	10.0	9.96		ug/L		100	69 - 127	7	20
Toluene	10.0	10.2		ug/L		102	74 - 126	11	25
Trichloroethene	10.0	9.75		ug/L		98	73 - 125	8	25
Vinyl chloride	10.0	9.86		ug/L		99	30 - 140	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	82		58 - 135
4-Bromofluorobenzene (Surr)	90		62 - 123
Dibromofluoromethane (Surr)	91		64 - 128
Toluene-d8 (Surr)	99		71 - 118

TestAmerica Pittsburgh

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39417-1

GC/MS VOA

Analysis Batch: 127443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39417-1	WG-18036-120214-KL-001	Total/NA	Water	624	
LCS 180-127443/1002	Lab Control Sample	Total/NA	Water	624	
LCSD 180-127443/10	Lab Control Sample Dup	Total/NA	Water	624	
MB 180-127443/32	Method Blank	Total/NA	Water	624	

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CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

Address: 2855 Niagara Falls Blvd, Niagara Falls, NY
 Phone: 716 297-6150 Fax: 716 297 2265

COC NO.: 40784
 PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No./Phase/Task Code: 018086 - 2014		Laboratory Name: Test America		Lab Location: Pittsburgh, PA		SSOW ID: _____											
Project Name: Buffalo Airport Groundwater Sampling Post Closure		Lab Contact: Jill Collussu		Lab Quote No.: _____		Cooler No.: _____											
Project Location: Cheektowake, NY		CONTAINER QUANTITY & PRESERVATION		ANALYSIS REQUESTED (See Back of COC for Definitions)													
Chemistry Contact: Sve Sevocchi		SAMPLE TYPE	Hydrochloric Acid (HCl)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	MS/MSD Request							
Samples(s): Kevin Lynch		Matrix Code (see back of COC)	Unpreserved	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample							
Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yyyy)	TIME (hh:mm)	Grab (G) or Comp (C)	Hydrochloric Acid (HCl)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	MS/MSD Request	Carrier: FedEx	Airbill No.:	Date Shipped: 12/2/2014	COMMENTS/ SPECIAL INSTRUCTIONS:	
1	WG-18086-120214-KL-801	12/2/14	09:15	WG-6	3	1					4						
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
TAT Required in business days (use separate COCs for different TATs):												Total Number of Containers: 4		Notes/ Special Requirements:			
<input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <input type="checkbox"/> Other:												All Samples in Cooler must be on COC		Resample - VOCs broken in lab			
RECEIVED BY:		DATE:		TIME:		COMPANY:		RECEIVED BY:		DATE:		TIME:					
[Signature]		12/2/14		11:00*		CRA		1. DeWue wabom		TAP		12-3-14 9:40					
12/10/2014																	



180-39417 Chain of Custody

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE - Fully Executed Copy (CRA) YELLOW - Receiving Laboratory Copy *PINK - Shipper GOLDENROD - Sampling Crew

* Cooler Sealed for shipment to lab



Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-39417-1

Login Number: 39417

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ATTACHMENT C
ANALYTICAL LABORATORY REPORT
NOVEMBER 2014 SURFACE WATER SAMPLING

Manhole Sampling Key
November 24, 2014
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Manhole No.	Sample No.
1B	WS-18036-112414 -001
1C	WS-18036-112414 -002
2A	WS-18036-112414 -003
2B	WS-18036-112414 -004
2C	WS-18036-112414 -005
2D	WS-18036-112414 -006
3A	WS-18036-112414 -007
3B	WS-18036-112414 -008
3B	WS-18036-112414 -009
3C	WS-18036-112414 -010
1A	WS-18036-112414 -011
Trip Blank	TB-18036-112414-01

Note :

1. After receipt at the laboratory, containers for sample WG-19036-112414-001 (well MW-34D) were accidentally broken. CRA resampled MW-34D and submitted the sample to TestAmerica on December 2, 2014.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-39250-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

12/10/2014 1:53:01 PM

Jill Colussy, Project Manager I

(412)963-2444

jill.colussy@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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13



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	13
QC Sample Results	21
QC Association Summary	28
Chain of Custody	31
Receipt Checklists	32

Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Job ID: 180-39250-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-39250-1

Receipt

The samples were received on 11/25/2014 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.1° C, 3.8° C and 4.1° C.

GC/MS VOA

The following samples were diluted to bring the concentration of target analytes within the calibration range: WS-18036-112414-003 (180-39250-3), WS-18036-112414-004 (180-39250-4), WS-18036-112414-006 (180-39250-6), and WS-18036-112414-007 (180-39250-7). Elevated reporting limits (RLs) are provided.

Metals

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

General Chemistry

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



Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery exceeds the control limits

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Certification Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

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	09-30-16
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	11-30-15
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-39250-1	WS-18036-112414-001	Water	11/24/14 09:00	11/25/14 09:40
180-39250-2	WS-18036-112414-002	Water	11/24/14 09:30	11/25/14 09:40
180-39250-3	WS-18036-112414-003	Water	11/24/14 11:30	11/25/14 09:40
180-39250-4	WS-18036-112414-004	Water	11/24/14 11:45	11/25/14 09:40
180-39250-5	WS-18036-112414-005	Water	11/24/14 12:30	11/25/14 09:40
180-39250-6	WS-18036-112414-006	Water	11/24/14 14:00	11/25/14 09:40
180-39250-7	WS-18036-112414-007	Water	11/24/14 14:45	11/25/14 09:40
180-39250-8	WS-18036-112414-008	Water	11/24/14 15:15	11/25/14 09:40
180-39250-9	WS-18036-112414-009	Water	11/24/14 15:15	11/25/14 09:40
180-39250-10	WS-18036-112414-010	Water	11/24/14 15:45	11/25/14 09:40
180-39250-11	WS-18036-112414-011	Water	11/24/14 16:15	11/25/14 09:40
180-39250-12	TB-18036-112414-01	Water	11/24/14 00:00	11/25/14 09:40



Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL PIT
200.7 Rev 4.4	Metals (ICP)	EPA	TAL PIT
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

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

Laboratory References:

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



Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-001

Lab Sample ID: 180-39250-1

Date Collected: 11/24/14 09:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127175	12/05/14 00:45	DLF	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 13:48	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:29	AB1	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: WS-18036-112414-002

Lab Sample ID: 180-39250-2

Date Collected: 11/24/14 09:30

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 00:09	DLF	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 13:53	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:32	AB1	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: WS-18036-112414-003

Lab Sample ID: 180-39250-3

Date Collected: 11/24/14 11:30

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127175	12/05/14 01:34	DLF	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	624	DL	10	5 mL	5 mL	127358	12/06/14 00:33	DLF	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 13:58	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:35	AB1	TAL PIT
		Instrument ID: NOEQUIP								

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-004

Lab Sample ID: 180-39250-4

Date Collected: 11/24/14 11:45

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		2	5 mL	5 mL	127358	12/06/14 00:57	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 14:03	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:38	AB1	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: WS-18036-112414-005

Lab Sample ID: 180-39250-5

Date Collected: 11/24/14 12:30

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127185	12/04/14 14:41	DLF	TAL PIT
Instrument ID: CHHP6										
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 14:19	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:53	AB1	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: WS-18036-112414-006

Lab Sample ID: 180-39250-6

Date Collected: 11/24/14 14:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624	DL	5	5 mL	5 mL	127358	12/06/14 01:21	DLF	TAL PIT
Instrument ID: CHHP5										
Total/NA	Analysis	624		1	5 mL	5 mL	127185	12/05/14 08:14	DLF	TAL PIT
Instrument ID: CHHP6										
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 14:39	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:41	AB1	TAL PIT
Instrument ID: NOEQUIP										

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-007

Lab Sample ID: 180-39250-7

Date Collected: 11/24/14 14:45

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		3	5 mL	5 mL	127358	12/06/14 01:45	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 14:44	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:44	AB1	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: WS-18036-112414-008

Lab Sample ID: 180-39250-8

Date Collected: 11/24/14 15:15

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127185	12/05/14 09:02	DLF	TAL PIT
Instrument ID: CHHP6										
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 14:50	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:47	AB1	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: WS-18036-112414-009

Lab Sample ID: 180-39250-9

Date Collected: 11/24/14 15:15

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127185	12/05/14 09:49	DLF	TAL PIT
Instrument ID: CHHP6										
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 14:55	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 09:59	AB1	TAL PIT
Instrument ID: NOEQUIP										

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-010

Lab Sample ID: 180-39250-10

Date Collected: 11/24/14 15:45

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127185	12/05/14 10:14	DLF	TAL PIT
Instrument ID: CHHP6										
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 15:00	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 10:01	AB1	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: WS-18036-112414-011

Lab Sample ID: 180-39250-11

Date Collected: 11/24/14 16:15

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127358	12/06/14 02:10	DLF	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	126755	11/30/14 08:32	SLB	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	126879	12/01/14 15:05	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	126538	11/26/14 08:46	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		30 mL	126534	11/26/14 10:04	AB1	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: TB-18036-112414-01

Lab Sample ID: 180-39250-12

Date Collected: 11/24/14 00:00

Matrix: Water

Date Received: 11/25/14 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5 mL	5 mL	127185	12/04/14 14:17	DLF	TAL PIT
Instrument ID: CHHP6										

Laboratory References:

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

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

SLB = Sandy Becker

Batch Type: Analysis

AB1 = Ashwin Baikadi

DLF = Donald Ferguson

JWS = Jim Swanson

RJG = Rob Good

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Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-001

Lab Sample ID: 180-39250-1

Date Collected: 11/24/14 09:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/05/14 00:45	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/05/14 00:45	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 00:45	1
Trichloroethene	0.20	J	1.0	0.14	ug/L			12/05/14 00:45	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/05/14 00:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/05/14 00:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/05/14 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		58 - 135					12/05/14 00:45	1
4-Bromofluorobenzene (Surr)	97		62 - 123					12/05/14 00:45	1
Toluene-d8 (Surr)	104		71 - 118					12/05/14 00:45	1
Dibromofluoromethane (Surr)	106		64 - 128					12/05/14 00:45	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 13:48	1
Chromium	1.1	J	5.0	0.77	ug/L		11/30/14 08:32	12/01/14 13:48	1
Lead	1.6	J	10	1.2	ug/L		11/30/14 08:32	12/01/14 13:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	5.6		2.0	2.0	mg/L			11/26/14 08:46	1
pH	7.69	HF	0.100	0.100	SU			11/26/14 09:29	1

Client Sample ID: WS-18036-112414-002

Lab Sample ID: 180-39250-2

Date Collected: 11/24/14 09:30

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/06/14 00:09	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/06/14 00:09	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 00:09	1
Trichloroethene	0.24	J	1.0	0.14	ug/L			12/06/14 00:09	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 00:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/06/14 00:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 135					12/06/14 00:09	1
4-Bromofluorobenzene (Surr)	97		62 - 123					12/06/14 00:09	1
Toluene-d8 (Surr)	107		71 - 118					12/06/14 00:09	1
Dibromofluoromethane (Surr)	101		64 - 128					12/06/14 00:09	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 13:53	1
Chromium	0.78	J	5.0	0.77	ug/L		11/30/14 08:32	12/01/14 13:53	1
Lead	10	U	10	1.2	ug/L		11/30/14 08:32	12/01/14 13:53	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-002

Lab Sample ID: 180-39250-2

Date Collected: 11/24/14 09:30

Matrix: Water

Date Received: 11/25/14 09:40

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	8.0		2.0	2.0	mg/L			11/26/14 08:46	1
pH	7.82	HF	0.100	0.100	SU			11/26/14 09:32	1

Client Sample ID: WS-18036-112414-003

Lab Sample ID: 180-39250-3

Date Collected: 11/24/14 11:30

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/05/14 01:34	1
Tetrachloroethene	0.98	J	1.0	0.15	ug/L			12/05/14 01:34	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 01:34	1
Trichloroethene	140	E	1.0	0.14	ug/L			12/05/14 01:34	1
Vinyl chloride	1.6		1.0	0.23	ug/L			12/05/14 01:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/05/14 01:34	1
cis-1,2-Dichloroethene	21		1.0	0.24	ug/L			12/05/14 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		58 - 135		12/05/14 01:34	1
4-Bromofluorobenzene (Surr)	94		62 - 123		12/05/14 01:34	1
Toluene-d8 (Surr)	104		71 - 118		12/05/14 01:34	1
Dibromofluoromethane (Surr)	103		64 - 128		12/05/14 01:34	1

Method: 624 - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	4.9	J B	10	1.5	ug/L			12/06/14 00:33	10
Tetrachloroethene	10	U	10	1.5	ug/L			12/06/14 00:33	10
Toluene	10	U	10	1.5	ug/L			12/06/14 00:33	10
Trichloroethene	120		10	1.4	ug/L			12/06/14 00:33	10
Vinyl chloride	10	U	10	2.3	ug/L			12/06/14 00:33	10
1,2-Dichlorobenzene	10	U	10	1.5	ug/L			12/06/14 00:33	10
cis-1,2-Dichloroethene	20		10	2.4	ug/L			12/06/14 00:33	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 135		12/06/14 00:33	10
4-Bromofluorobenzene (Surr)	95		62 - 123		12/06/14 00:33	10
Toluene-d8 (Surr)	104		71 - 118		12/06/14 00:33	10
Dibromofluoromethane (Surr)	103		64 - 128		12/06/14 00:33	10

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.21	J	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 13:58	1
Chromium	3.0	J	5.0	0.77	ug/L		11/30/14 08:32	12/01/14 13:58	1
Lead	10	U	10	1.2	ug/L		11/30/14 08:32	12/01/14 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	2.0	U	2.0	2.0	mg/L			11/26/14 08:46	1
pH	8.32	HF	0.100	0.100	SU			11/26/14 09:35	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-004

Lab Sample ID: 180-39250-4

Date Collected: 11/24/14 11:45

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.71	J B	2.0	0.30	ug/L			12/06/14 00:57	2
Tetrachloroethene	7.9		2.0	0.30	ug/L			12/06/14 00:57	2
Toluene	2.0	U	2.0	0.30	ug/L			12/06/14 00:57	2
Trichloroethene	44		2.0	0.29	ug/L			12/06/14 00:57	2
Vinyl chloride	1.6	J	2.0	0.45	ug/L			12/06/14 00:57	2
1,2-Dichlorobenzene	2.0	U	2.0	0.30	ug/L			12/06/14 00:57	2
cis-1,2-Dichloroethene	27		2.0	0.47	ug/L			12/06/14 00:57	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		58 - 135					12/06/14 00:57	2
4-Bromofluorobenzene (Surr)	100		62 - 123					12/06/14 00:57	2
Toluene-d8 (Surr)	104		71 - 118					12/06/14 00:57	2
Dibromofluoromethane (Surr)	103		64 - 128					12/06/14 00:57	2

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 14:03	1
Chromium	7.1		5.0	0.77	ug/L		11/30/14 08:32	12/01/14 14:03	1
Lead	10	U	10	1.2	ug/L		11/30/14 08:32	12/01/14 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	97		2.0	2.0	mg/L			11/26/14 08:46	1
pH	10.4	HF	0.100	0.100	SU			11/26/14 09:38	1

Client Sample ID: WS-18036-112414-005

Lab Sample ID: 180-39250-5

Date Collected: 11/24/14 12:30

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/04/14 14:41	1
Tetrachloroethene	6.3		1.0	0.15	ug/L			12/04/14 14:41	1
Toluene	1.0	U	1.0	0.15	ug/L			12/04/14 14:41	1
Trichloroethene	30		1.0	0.14	ug/L			12/04/14 14:41	1
Vinyl chloride	1.4		1.0	0.23	ug/L			12/04/14 14:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/04/14 14:41	1
cis-1,2-Dichloroethene	18		1.0	0.24	ug/L			12/04/14 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		58 - 135					12/04/14 14:41	1
4-Bromofluorobenzene (Surr)	100		62 - 123					12/04/14 14:41	1
Toluene-d8 (Surr)	111		71 - 118					12/04/14 14:41	1
Dibromofluoromethane (Surr)	101		64 - 128					12/04/14 14:41	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.34	J	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 14:19	1
Chromium	15		5.0	0.77	ug/L		11/30/14 08:32	12/01/14 14:19	1
Lead	9.5	J	10	1.2	ug/L		11/30/14 08:32	12/01/14 14:19	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-005

Lab Sample ID: 180-39250-5

Date Collected: 11/24/14 12:30

Matrix: Water

Date Received: 11/25/14 09:40

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	150		2.0	2.0	mg/L			11/26/14 08:46	1
pH	9.17	HF	0.100	0.100	SU			11/26/14 09:53	1

Client Sample ID: WS-18036-112414-006

Lab Sample ID: 180-39250-6

Date Collected: 11/24/14 14:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/05/14 08:14	1
Tetrachloroethene	1.0		1.0	0.15	ug/L			12/05/14 08:14	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 08:14	1
Trichloroethene	110	E	1.0	0.14	ug/L			12/05/14 08:14	1
Vinyl chloride	4.9		1.0	0.23	ug/L			12/05/14 08:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/05/14 08:14	1
cis-1,2-Dichloroethene	42	E	1.0	0.24	ug/L			12/05/14 08:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		58 - 135		12/05/14 08:14	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/05/14 08:14	1
Toluene-d8 (Surr)	106		71 - 118		12/05/14 08:14	1
Dibromofluoromethane (Surr)	104		64 - 128		12/05/14 08:14	1

Method: 624 - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	2.5	J B	5.0	0.75	ug/L			12/06/14 01:21	5
Tetrachloroethene	0.89	J	5.0	0.74	ug/L			12/06/14 01:21	5
Toluene	5.0	U	5.0	0.75	ug/L			12/06/14 01:21	5
Trichloroethene	130		5.0	0.72	ug/L			12/06/14 01:21	5
Vinyl chloride	4.2	J	5.0	1.1	ug/L			12/06/14 01:21	5
1,2-Dichlorobenzene	5.0	U	5.0	0.76	ug/L			12/06/14 01:21	5
cis-1,2-Dichloroethene	53		5.0	1.2	ug/L			12/06/14 01:21	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 135		12/06/14 01:21	5
4-Bromofluorobenzene (Surr)	98		62 - 123		12/06/14 01:21	5
Toluene-d8 (Surr)	104		71 - 118		12/06/14 01:21	5
Dibromofluoromethane (Surr)	104		64 - 128		12/06/14 01:21	5

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 14:39	1
Chromium	5.0		5.0	0.77	ug/L		11/30/14 08:32	12/01/14 14:39	1
Lead	10	U	10	1.2	ug/L		11/30/14 08:32	12/01/14 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	22		2.0	2.0	mg/L			11/26/14 08:46	1
pH	8.76	HF	0.100	0.100	SU			11/26/14 09:41	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-007

Lab Sample ID: 180-39250-7

Date Collected: 11/24/14 14:45

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.3	J B	3.0	0.45	ug/L			12/06/14 01:45	3
Tetrachloroethene	3.0	U	3.0	0.45	ug/L			12/06/14 01:45	3
Toluene	3.0	U	3.0	0.45	ug/L			12/06/14 01:45	3
Trichloroethene	110		3.0	0.43	ug/L			12/06/14 01:45	3
Vinyl chloride	0.84	J	3.0	0.68	ug/L			12/06/14 01:45	3
1,2-Dichlorobenzene	3.0	U	3.0	0.46	ug/L			12/06/14 01:45	3
cis-1,2-Dichloroethene	30		3.0	0.71	ug/L			12/06/14 01:45	3
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 135					12/06/14 01:45	3
4-Bromofluorobenzene (Surr)	96		62 - 123					12/06/14 01:45	3
Toluene-d8 (Surr)	103		71 - 118					12/06/14 01:45	3
Dibromofluoromethane (Surr)	107		64 - 128					12/06/14 01:45	3

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 14:44	1
Chromium	4.2	J	5.0	0.77	ug/L		11/30/14 08:32	12/01/14 14:44	1
Lead	10	U	10	1.2	ug/L		11/30/14 08:32	12/01/14 14:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	25		2.0	2.0	mg/L			11/26/14 08:46	1
pH	8.84	HF	0.100	0.100	SU			11/26/14 09:44	1

Client Sample ID: WS-18036-112414-008

Lab Sample ID: 180-39250-8

Date Collected: 11/24/14 15:15

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/05/14 09:02	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/05/14 09:02	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 09:02	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/05/14 09:02	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/05/14 09:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/05/14 09:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/05/14 09:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		58 - 135					12/05/14 09:02	1
4-Bromofluorobenzene (Surr)	100		62 - 123					12/05/14 09:02	1
Toluene-d8 (Surr)	107		71 - 118					12/05/14 09:02	1
Dibromofluoromethane (Surr)	99		64 - 128					12/05/14 09:02	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.31	J	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 14:50	1
Chromium	13		5.0	0.77	ug/L		11/30/14 08:32	12/01/14 14:50	1
Lead	43		10	1.2	ug/L		11/30/14 08:32	12/01/14 14:50	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-008

Lab Sample ID: 180-39250-8

Date Collected: 11/24/14 15:15

Matrix: Water

Date Received: 11/25/14 09:40

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	150		2.0	2.0	mg/L			11/26/14 08:46	1
pH	8.05	HF	0.100	0.100	SU			11/26/14 09:47	1

Client Sample ID: WS-18036-112414-009

Lab Sample ID: 180-39250-9

Date Collected: 11/24/14 15:15

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/05/14 09:49	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/05/14 09:49	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 09:49	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/05/14 09:49	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/05/14 09:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/05/14 09:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/05/14 09:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		58 - 135		12/05/14 09:49	1
4-Bromofluorobenzene (Surr)	97		62 - 123		12/05/14 09:49	1
Toluene-d8 (Surr)	107		71 - 118		12/05/14 09:49	1
Dibromofluoromethane (Surr)	101		64 - 128		12/05/14 09:49	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.20	J	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 14:55	1
Chromium	15		5.0	0.77	ug/L		11/30/14 08:32	12/01/14 14:55	1
Lead	48		10	1.2	ug/L		11/30/14 08:32	12/01/14 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	160		2.0	2.0	mg/L			11/26/14 08:46	1
pH	8.01	HF	0.100	0.100	SU			11/26/14 09:59	1

Client Sample ID: WS-18036-112414-010

Lab Sample ID: 180-39250-10

Date Collected: 11/24/14 15:45

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/05/14 10:14	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/05/14 10:14	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 10:14	1
Trichloroethene	1.8		1.0	0.14	ug/L			12/05/14 10:14	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/05/14 10:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/05/14 10:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/05/14 10:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		58 - 135		12/05/14 10:14	1
4-Bromofluorobenzene (Surr)	100		62 - 123		12/05/14 10:14	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: WS-18036-112414-010

Lab Sample ID: 180-39250-10

Date Collected: 11/24/14 15:45

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	112		71 - 118		12/05/14 10:14	1
Dibromofluoromethane (Surr)	99		64 - 128		12/05/14 10:14	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.50	J	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 15:00	1
Chromium	21		5.0	0.77	ug/L		11/30/14 08:32	12/01/14 15:00	1
Lead	25		10	1.2	ug/L		11/30/14 08:32	12/01/14 15:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	260		2.0	2.0	mg/L			11/26/14 08:46	1
pH	7.84	HF	0.100	0.100	SU			11/26/14 10:01	1

Client Sample ID: WS-18036-112414-011

Lab Sample ID: 180-39250-11

Date Collected: 11/24/14 16:15

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.91	J B	1.0	0.15	ug/L			12/06/14 02:10	1
Tetrachloroethene	0.25	J	1.0	0.15	ug/L			12/06/14 02:10	1
Toluene	1.0	U	1.0	0.15	ug/L			12/06/14 02:10	1
Trichloroethene	0.22	J	1.0	0.14	ug/L			12/06/14 02:10	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/06/14 02:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/06/14 02:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/06/14 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		58 - 135		12/06/14 02:10	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/06/14 02:10	1
Toluene-d8 (Surr)	102		71 - 118		12/06/14 02:10	1
Dibromofluoromethane (Surr)	104		64 - 128		12/06/14 02:10	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.54	J	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 15:05	1
Chromium	3.8	J	5.0	0.77	ug/L		11/30/14 08:32	12/01/14 15:05	1
Lead	3.1	J	10	1.2	ug/L		11/30/14 08:32	12/01/14 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	46		2.0	2.0	mg/L			11/26/14 08:46	1
pH	7.64	HF	0.100	0.100	SU			11/26/14 10:04	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Client Sample ID: TB-18036-112414-01

Lab Sample ID: 180-39250-12

Date Collected: 11/24/14 00:00

Matrix: Water

Date Received: 11/25/14 09:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.16	J	1.0	0.15	ug/L			12/04/14 14:17	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/04/14 14:17	1
Toluene	1.0	U	1.0	0.15	ug/L			12/04/14 14:17	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/04/14 14:17	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/04/14 14:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/04/14 14:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/04/14 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		58 - 135		12/04/14 14:17	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/04/14 14:17	1
Toluene-d8 (Surr)	104		71 - 118		12/04/14 14:17	1
Dibromofluoromethane (Surr)	96		64 - 128		12/04/14 14:17	1



QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-127175/35

Matrix: Water

Analysis Batch: 127175

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.222	J	1.0	0.15	ug/L			12/04/14 21:56	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/04/14 21:56	1
Toluene	1.0	U	1.0	0.15	ug/L			12/04/14 21:56	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/04/14 21:56	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/04/14 21:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/04/14 21:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/04/14 21:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 135		12/04/14 21:56	1
4-Bromofluorobenzene (Surr)	94		62 - 123		12/04/14 21:56	1
Toluene-d8 (Surr)	103		71 - 118		12/04/14 21:56	1
Dibromofluoromethane (Surr)	104		64 - 128		12/04/14 21:56	1

Lab Sample ID: MB 180-127175/7

Matrix: Water

Analysis Batch: 127175

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/04/14 10:41	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/04/14 10:41	1
Toluene	1.0	U	1.0	0.15	ug/L			12/04/14 10:41	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/04/14 10:41	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/04/14 10:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/04/14 10:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/04/14 10:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		58 - 135		12/04/14 10:41	1
4-Bromofluorobenzene (Surr)	95		62 - 123		12/04/14 10:41	1
Toluene-d8 (Surr)	103		71 - 118		12/04/14 10:41	1
Dibromofluoromethane (Surr)	98		64 - 128		12/04/14 10:41	1

Lab Sample ID: LCS 180-127175/1002

Matrix: Water

Analysis Batch: 127175

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	10.0	9.18		ug/L		92	60 - 140
Tetrachloroethene	10.0	10.5		ug/L		105	73 - 127
Toluene	10.0	10.6		ug/L		106	74 - 126
Trichloroethene	10.0	9.53		ug/L		95	73 - 125
Vinyl chloride	10.0	11.0		ug/L		110	30 - 140
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	68 - 127
cis-1,2-Dichloroethene	10.0	9.49		ug/L		95	69 - 127

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-127175/1002

Matrix: Water

Analysis Batch: 127175

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	81		58 - 135
4-Bromofluorobenzene (Surr)	93		62 - 123
Toluene-d8 (Surr)	107		71 - 118
Dibromofluoromethane (Surr)	84		64 - 128

Lab Sample ID: 180-39315-A-3 MSD

Matrix: Water

Analysis Batch: 127175

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Methylene Chloride	0.16	J	10.0	9.39		ug/L		92	60 - 140	5	25
Tetrachloroethene	1.0	U	10.0	10.7		ug/L		107	73 - 127	1	25
Toluene	1.0	U	10.0	10.5		ug/L		105	74 - 126	2	25
Trichloroethene	1.0	U	10.0	10.0		ug/L		100	73 - 125	1	25
Vinyl chloride	1.0	U	10.0	10.3		ug/L		103	30 - 140	1	35
1,2-Dichlorobenzene	1.0	U	10.0	10.9		ug/L		109	68 - 127	5	35
cis-1,2-Dichloroethene	1.0	U	10.0	9.87		ug/L		99	69 - 127	1	20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		58 - 135
4-Bromofluorobenzene (Surr)	98		62 - 123
Toluene-d8 (Surr)	107		71 - 118
Dibromofluoromethane (Surr)	96		64 - 128

Lab Sample ID: 180-39315-C-3 MS

Matrix: Water

Analysis Batch: 127175

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Methylene Chloride	0.16	J	10.0	8.97		ug/L		88	60 - 140		
Tetrachloroethene	1.0	U	10.0	10.6		ug/L		106	73 - 127		
Toluene	1.0	U	10.0	10.7		ug/L		107	74 - 126		
Trichloroethene	1.0	U	10.0	9.89		ug/L		99	73 - 125		
Vinyl chloride	1.0	U	10.0	10.3		ug/L		103	30 - 140		
1,2-Dichlorobenzene	1.0	U	10.0	10.3		ug/L		103	68 - 127		
cis-1,2-Dichloroethene	1.0	U	10.0	9.81		ug/L		98	69 - 127		

Surrogate	MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	85		58 - 135
4-Bromofluorobenzene (Surr)	97		62 - 123
Toluene-d8 (Surr)	108		71 - 118
Dibromofluoromethane (Surr)	96		64 - 128

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-127185/34

Matrix: Water

Analysis Batch: 127185

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/05/14 07:50	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/05/14 07:50	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 07:50	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/05/14 07:50	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/05/14 07:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/05/14 07:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/05/14 07:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		58 - 135		12/05/14 07:50	1
4-Bromofluorobenzene (Surr)	96		62 - 123		12/05/14 07:50	1
Toluene-d8 (Surr)	104		71 - 118		12/05/14 07:50	1
Dibromofluoromethane (Surr)	104		64 - 128		12/05/14 07:50	1

Lab Sample ID: MB 180-127185/9

Matrix: Water

Analysis Batch: 127185

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			12/04/14 13:09	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/04/14 13:09	1
Toluene	1.0	U	1.0	0.15	ug/L			12/04/14 13:09	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/04/14 13:09	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/04/14 13:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/04/14 13:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/04/14 13:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 135		12/04/14 13:09	1
4-Bromofluorobenzene (Surr)	100		62 - 123		12/04/14 13:09	1
Toluene-d8 (Surr)	108		71 - 118		12/04/14 13:09	1
Dibromofluoromethane (Surr)	96		64 - 128		12/04/14 13:09	1

Lab Sample ID: LCS 180-127185/1007

Matrix: Water

Analysis Batch: 127185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	10.0	9.04		ug/L		90	60 - 140
Tetrachloroethene	10.0	9.58		ug/L		96	73 - 127
Toluene	10.0	8.87		ug/L		89	74 - 126
Trichloroethene	10.0	9.57		ug/L		96	73 - 125
Vinyl chloride	10.0	11.5		ug/L		115	30 - 140
1,2-Dichlorobenzene	10.0	9.86		ug/L		99	68 - 127
cis-1,2-Dichloroethene	10.0	9.95		ug/L		99	69 - 127

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-127185/1007

Matrix: Water

Analysis Batch: 127185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		58 - 135
4-Bromofluorobenzene (Surr)	96		62 - 123
Toluene-d8 (Surr)	100		71 - 118
Dibromofluoromethane (Surr)	96		64 - 128

Lab Sample ID: 180-39250-5 MS

Matrix: Water

Analysis Batch: 127185

Client Sample ID: WS-18036-112414-005

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Methylene Chloride	1.0	U	10.0	9.30		ug/L		93		60 - 140
Tetrachloroethene	6.3		10.0	11.8	F1	ug/L		55		73 - 127
Toluene	1.0	U	10.0	9.72		ug/L		97		74 - 126
Trichloroethene	30		10.0	21.6	F1	ug/L		-85		73 - 125
Vinyl chloride	1.4		10.0	13.2		ug/L		119		30 - 140
1,2-Dichlorobenzene	1.0	U	10.0	10.5		ug/L		105		68 - 127
cis-1,2-Dichloroethene	18		10.0	16.7	F1	ug/L		-13		69 - 127

Surrogate	MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		58 - 135
4-Bromofluorobenzene (Surr)	102		62 - 123
Toluene-d8 (Surr)	105		71 - 118
Dibromofluoromethane (Surr)	99		64 - 128

Lab Sample ID: 180-39250-5 MSD

Matrix: Water

Analysis Batch: 127185

Client Sample ID: WS-18036-112414-005

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Methylene Chloride	1.0	U	10.0	9.03		ug/L		90		60 - 140	3	25
Tetrachloroethene	6.3		10.0	12.6	F1	ug/L		63		73 - 127	7	25
Toluene	1.0	U	10.0	9.36		ug/L		94		74 - 126	4	25
Trichloroethene	30		10.0	27.0	F1	ug/L		-30		73 - 125	23	25
Vinyl chloride	1.4		10.0	12.5		ug/L		111		30 - 140	6	35
1,2-Dichlorobenzene	1.0	U	10.0	10.3		ug/L		103		68 - 127	2	35
cis-1,2-Dichloroethene	18		10.0	20.2	F1	ug/L		22		69 - 127	19	20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		58 - 135
4-Bromofluorobenzene (Surr)	99		62 - 123
Toluene-d8 (Surr)	102		71 - 118
Dibromofluoromethane (Surr)	96		64 - 128

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-127358/30

Matrix: Water

Analysis Batch: 127358

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.354	J	1.0	0.15	ug/L			12/05/14 22:32	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/05/14 22:32	1
Toluene	1.0	U	1.0	0.15	ug/L			12/05/14 22:32	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			12/05/14 22:32	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			12/05/14 22:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			12/05/14 22:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/05/14 22:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 135		12/05/14 22:32	1
4-Bromofluorobenzene (Surr)	95		62 - 123		12/05/14 22:32	1
Toluene-d8 (Surr)	101		71 - 118		12/05/14 22:32	1
Dibromofluoromethane (Surr)	105		64 - 128		12/05/14 22:32	1

Lab Sample ID: LCS 180-127358/1005

Matrix: Water

Analysis Batch: 127358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	10.0	9.40		ug/L		94	60 - 140
Tetrachloroethene	10.0	10.2		ug/L		102	73 - 127
Toluene	10.0	10.5		ug/L		105	74 - 126
Trichloroethene	10.0	9.30		ug/L		93	73 - 125
Vinyl chloride	10.0	10.6		ug/L		106	30 - 140
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	68 - 127
cis-1,2-Dichloroethene	10.0	9.69		ug/L		97	69 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		58 - 135
4-Bromofluorobenzene (Surr)	96		62 - 123
Toluene-d8 (Surr)	105		71 - 118
Dibromofluoromethane (Surr)	91		64 - 128

Lab Sample ID: LCSD 180-127358/11

Matrix: Water

Analysis Batch: 127358

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	10.0	9.07		ug/L		91	60 - 140	4	25
Tetrachloroethene	10.0	9.93		ug/L		99	73 - 127	2	25
Toluene	10.0	10.1		ug/L		101	74 - 126	4	25
Trichloroethene	10.0	9.43		ug/L		94	73 - 125	1	25
Vinyl chloride	10.0	10.4		ug/L		104	30 - 140	2	35
1,2-Dichlorobenzene	10.0	9.85		ug/L		99	68 - 127	4	35
cis-1,2-Dichloroethene	10.0	9.91		ug/L		99	69 - 127	2	20

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 180-127358/11
Matrix: Water
Analysis Batch: 127358

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	82		58 - 135
4-Bromofluorobenzene (Surr)	91		62 - 123
Toluene-d8 (Surr)	98		71 - 118
Dibromofluoromethane (Surr)	91		64 - 128

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-126755/1-A
Matrix: Water
Analysis Batch: 126879

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 126755

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Cadmium	5.0	U	5.0	0.13	ug/L		11/30/14 08:32	12/01/14 12:56		1
Chromium	5.0	U	5.0	0.77	ug/L		11/30/14 08:32	12/01/14 12:56		1
Lead	10	U	10	1.2	ug/L		11/30/14 08:32	12/01/14 12:56		1

Lab Sample ID: LCS 180-126755/2-A
Matrix: Water
Analysis Batch: 126879

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 126755

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Cadmium	50.0	53.8		ug/L		108	85 - 115
Chromium	200	224		ug/L		112	85 - 115
Lead	500	532		ug/L		106	85 - 115

Lab Sample ID: 180-39250-5 MS
Matrix: Water
Analysis Batch: 126879

Client Sample ID: WS-18036-112414-005
Prep Type: Total Recoverable
Prep Batch: 126755

Analyte	Sample		Spike Added	MS		Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Cadmium	0.34	J	50.0	56.9		ug/L		113	70 - 130
Chromium	15		200	232		ug/L		109	70 - 130
Lead	9.5	J	500	542		ug/L		106	70 - 130

Lab Sample ID: 180-39250-5 MSD
Matrix: Water
Analysis Batch: 126879

Client Sample ID: WS-18036-112414-005
Prep Type: Total Recoverable
Prep Batch: 126755

Analyte	Sample		Spike Added	MSD		Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier		Result	Qualifier					RPD	Limit
Cadmium	0.34	J	50.0	54.8		ug/L		109	70 - 130	4	20
Chromium	15		200	230		ug/L		108	70 - 130	1	20
Lead	9.5	J	500	526		ug/L		103	70 - 130	3	20

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 180-126538/2
Matrix: Water
Analysis Batch: 126538

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	2.0	U	2.0	2.0	mg/L			11/26/14 08:46	1

Lab Sample ID: LCS 180-126538/1
Matrix: Water
Analysis Batch: 126538

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	56.9	48.0		mg/L		84	80 - 120

Lab Sample ID: 180-39250-1 DU
Matrix: Water
Analysis Batch: 126538

Client Sample ID: WS-18036-112414-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	5.6		7.60	F5	mg/L		30	10

Lab Sample ID: 180-39250-5 DU
Matrix: Water
Analysis Batch: 126538

Client Sample ID: WS-18036-112414-005
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	150		167		mg/L		8	10

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-126534/1
Matrix: Water
Analysis Batch: 126534

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

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

Lab Sample ID: 180-39250-5 DU
Matrix: Water
Analysis Batch: 126534

Client Sample ID: WS-18036-112414-005
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	9.17	HF	9.220	HF	SU		0.5	2

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

GC/MS VOA

Analysis Batch: 127175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-1	WS-18036-112414-001	Total/NA	Water	624	
180-39250-3	WS-18036-112414-003	Total/NA	Water	624	
180-39315-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	624	
180-39315-C-3 MS	Matrix Spike	Total/NA	Water	624	
LCS 180-127175/1002	Lab Control Sample	Total/NA	Water	624	
MB 180-127175/35	Method Blank	Total/NA	Water	624	
MB 180-127175/7	Method Blank	Total/NA	Water	624	

Analysis Batch: 127185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-5	WS-18036-112414-005	Total/NA	Water	624	
180-39250-5 MS	WS-18036-112414-005	Total/NA	Water	624	
180-39250-5 MSD	WS-18036-112414-005	Total/NA	Water	624	
180-39250-6	WS-18036-112414-006	Total/NA	Water	624	
180-39250-8	WS-18036-112414-008	Total/NA	Water	624	
180-39250-9	WS-18036-112414-009	Total/NA	Water	624	
180-39250-10	WS-18036-112414-010	Total/NA	Water	624	
180-39250-12	TB-18036-112414-01	Total/NA	Water	624	
LCS 180-127185/1007	Lab Control Sample	Total/NA	Water	624	
MB 180-127185/34	Method Blank	Total/NA	Water	624	
MB 180-127185/9	Method Blank	Total/NA	Water	624	

Analysis Batch: 127358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-2	WS-18036-112414-002	Total/NA	Water	624	
180-39250-3 - DL	WS-18036-112414-003	Total/NA	Water	624	
180-39250-4	WS-18036-112414-004	Total/NA	Water	624	
180-39250-6 - DL	WS-18036-112414-006	Total/NA	Water	624	
180-39250-7	WS-18036-112414-007	Total/NA	Water	624	
180-39250-11	WS-18036-112414-011	Total/NA	Water	624	
LCS 180-127358/1005	Lab Control Sample	Total/NA	Water	624	
LCSD 180-127358/11	Lab Control Sample Dup	Total/NA	Water	624	
MB 180-127358/30	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 126755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-1	WS-18036-112414-001	Total Recoverable	Water	200.7	
180-39250-2	WS-18036-112414-002	Total Recoverable	Water	200.7	
180-39250-3	WS-18036-112414-003	Total Recoverable	Water	200.7	
180-39250-4	WS-18036-112414-004	Total Recoverable	Water	200.7	
180-39250-5	WS-18036-112414-005	Total Recoverable	Water	200.7	
180-39250-5 MS	WS-18036-112414-005	Total Recoverable	Water	200.7	
180-39250-5 MSD	WS-18036-112414-005	Total Recoverable	Water	200.7	
180-39250-6	WS-18036-112414-006	Total Recoverable	Water	200.7	
180-39250-7	WS-18036-112414-007	Total Recoverable	Water	200.7	
180-39250-8	WS-18036-112414-008	Total Recoverable	Water	200.7	
180-39250-9	WS-18036-112414-009	Total Recoverable	Water	200.7	
180-39250-10	WS-18036-112414-010	Total Recoverable	Water	200.7	

TestAmerica Pittsburgh

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-39250-1

Metals (Continued)

Prep Batch: 126755 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-11	WS-18036-112414-011	Total Recoverable	Water	200.7	
LCS 180-126755/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-126755/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 126879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-1	WS-18036-112414-001	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-2	WS-18036-112414-002	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-3	WS-18036-112414-003	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-4	WS-18036-112414-004	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-5	WS-18036-112414-005	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-5 MS	WS-18036-112414-005	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-5 MSD	WS-18036-112414-005	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-6	WS-18036-112414-006	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-7	WS-18036-112414-007	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-8	WS-18036-112414-008	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-9	WS-18036-112414-009	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-10	WS-18036-112414-010	Total Recoverable	Water	200.7 Rev 4.4	126755
180-39250-11	WS-18036-112414-011	Total Recoverable	Water	200.7 Rev 4.4	126755
LCS 180-126755/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	126755
MB 180-126755/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	126755

General Chemistry

Analysis Batch: 126534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-1	WS-18036-112414-001	Total/NA	Water	SM 4500 H+ B	
180-39250-2	WS-18036-112414-002	Total/NA	Water	SM 4500 H+ B	
180-39250-3	WS-18036-112414-003	Total/NA	Water	SM 4500 H+ B	
180-39250-4	WS-18036-112414-004	Total/NA	Water	SM 4500 H+ B	
180-39250-5	WS-18036-112414-005	Total/NA	Water	SM 4500 H+ B	
180-39250-5 DU	WS-18036-112414-005	Total/NA	Water	SM 4500 H+ B	
180-39250-6	WS-18036-112414-006	Total/NA	Water	SM 4500 H+ B	
180-39250-7	WS-18036-112414-007	Total/NA	Water	SM 4500 H+ B	
180-39250-8	WS-18036-112414-008	Total/NA	Water	SM 4500 H+ B	
180-39250-9	WS-18036-112414-009	Total/NA	Water	SM 4500 H+ B	
180-39250-10	WS-18036-112414-010	Total/NA	Water	SM 4500 H+ B	
180-39250-11	WS-18036-112414-011	Total/NA	Water	SM 4500 H+ B	
LCS 180-126534/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 126538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-1	WS-18036-112414-001	Total/NA	Water	SM 2540D	
180-39250-1 DU	WS-18036-112414-001	Total/NA	Water	SM 2540D	
180-39250-2	WS-18036-112414-002	Total/NA	Water	SM 2540D	
180-39250-3	WS-18036-112414-003	Total/NA	Water	SM 2540D	
180-39250-4	WS-18036-112414-004	Total/NA	Water	SM 2540D	
180-39250-5	WS-18036-112414-005	Total/NA	Water	SM 2540D	
180-39250-5 DU	WS-18036-112414-005	Total/NA	Water	SM 2540D	
180-39250-6	WS-18036-112414-006	Total/NA	Water	SM 2540D	

TestAmerica Pittsburgh

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

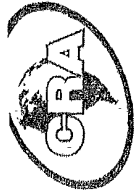
TestAmerica Job ID: 180-39250-1

General Chemistry (Continued)

Analysis Batch: 126538 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-39250-7	WS-18036-112414-007	Total/NA	Water	SM 2540D	
180-39250-8	WS-18036-112414-008	Total/NA	Water	SM 2540D	
180-39250-9	WS-18036-112414-009	Total/NA	Water	SM 2540D	
180-39250-10	WS-18036-112414-010	Total/NA	Water	SM 2540D	
180-39250-11	WS-18036-112414-011	Total/NA	Water	SM 2540D	
LCS 180-126538/1	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 180-126538/2	Method Blank	Total/NA	Water	SM 2540D	





CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

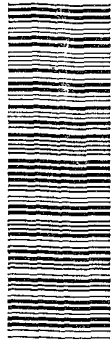
COC NO.: 48079

PAGE 1 OF 1

(See Reverse Side for Instructions)

Address: 2055 Niagara Falls Blvd Niagara Falls, NY
 Phone: 297-6150 Fax: 716 297-2465

Project No/Phase/Task Code: 018036-2014		Laboratory Name: Test America		Lab Location: Pittsburgh, PA		SSOW ID: 18036-					
Project Name: Buffalo Air Port Storm Sewer Sampling		Lab Contact: Jill Colussy		Lab Quote No.:		Cooler No.:					
Project Location: Cheektowaga, NY		CONTAINER QUANTITY & PRESERVATION		ANALYSIS REQUESTED (See Back of COC for Definitions)		Carrier: Fed Ex					
Chemistry Contact: Sue Scrocchi		SAMPLE TYPE		Total Containers/Sample		Airbill No.:					
Sampler(s): Kevin Lynch		Matrix Code		Other:		Date Shipped: 11/24/14					
SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)		Grab (G) or Comp (C) (see back of COC)		Unpreserved		COMMENTS/ SPECIAL INSTRUCTIONS:					
Item	DATE (mm/dd/yyyy)	TIME (hh:mm)	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil)	VOC	Encores 3x5-g, 1x25-g	Total Containers/Sample	MS/MSD Request
1	11/24/14	0900	WS G	2	3	1				6	
2		0930	WS G	2	3	1				6	
3		1130	WS G	2	3	1				6	
4		1145	WS G	2	3	1				6	
5		1230	WS G	6	9	3				18	
6		1400	WS G	2	3	1				6	High pH-check preservative
7		1445	WS G	2	3	1				6	High pH-check preservative
8		1515	WS G	2	3	1				6	High pH-check preservative
9		1515	WS G	2	3	1				6	High pH-check preservative
10		1545	WS G	2	3	1				6	High pH-check preservative
11		1615	WS G	2	3	1				6	High pH-check preservative
12	11/24/14		W	-	-	-				1	
13											
14											
15											



180-39250 Chain of Custody

TAT Required in business days (use separate COCs for different TATs):

1 Day 2 Days 3 Days 1 Week 2 Week Other:

RELINQUISHED BY: [Signature] DATE: 11/24/14

RECEIVED BY: [Signature] DATE: 11/24/14

Notes/Special: Total Number of Containers: 79

All Samples in Cooler must be on COC

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-39250-1

Login Number: 39250

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

