



CBS Corporation

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

Via Electronic and First-Class Mail

July 31, 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: Quarterly Progress Report, April through June 2015
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 progress report on activities undertaken in during the second quarter of 2015 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 post-closure monitoring related to the Operable Unit 2 (OU2) groundwater collection and treatment system. This progress report also provides the results from the third round of post-closure groundwater and storm sewer (surface water) monitoring.

1. Site Activities and Status

- A. On May 10, 2015, CBS submitted to NYSDEC a quarterly progress report on the status of activities at the Site during the first quarter of 2015 (*i.e.*, January through March 2015).¹
- B. On May 19, 2015, GHD, Ltd. (GHD), formerly known as Conestoga-Rovers & Associates, surveyed and inspected the groundwater monitoring well network at the Site.

¹ Because of adverse winter weather conditions and accumulated snow, the first quarter 2015 (second post-closure round) groundwater and storm sewer sampling could not be conducted until April 1, 2015. The results of the April 2015 sampling were provided in the progress report submitted May 10, 2015.

- C. On June 18, 2015, GHD conducted the third round of quarterly post-closure groundwater and storm sewer (surface water) sampling.
- D. TestAmerica Laboratories, Inc. (TestAmerica) completed the analyses of the groundwater and storm sewer (surface water) samples that were collected on June 18, 2015. GHD conducted data validation and usability evaluations.

2. Sampling Results and Other Site Data

- A. Table 1 presents a summary of monitoring well observations and survey data from the May 19, 2015 inspections.
- B. Table 2 presents groundwater elevations over the course of post-closure groundwater monitoring, including the data collected from the most recent (June 18, 2015) measurements.
- C. Table 3 presents the results of the June 2015 groundwater sampling. As shown in this table, none of the monitored volatile organic compounds (VOCs) was detected at concentrations above their respective remedial action objectives (RAOs). Lead was detected at well MW-5 at a concentration of 150 micrograms per liter ($\mu\text{g/L}$), compared to the lead RAO of 25 $\mu\text{g/L}$. In past monitoring, the lead concentration at MW-5 had twice exceeded the lead RAO in 2004 and 2005, but concentrations have been below the RAO since that time. The cause of these sporadic elevated concentrations is not known.
- D. Tables 4 through 6 present the results of the June 2015 surface water sampling. 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.
- E. Attachments A and B provide the analytical laboratory reports for the groundwater and storm sewer samples collected in June 2015, respectively.
- F. Attachment C provides the data validation and usability evaluation for the samples collected in June 2015.

Mr. David P. Locey

July 31, 2015

Page 3

3. Upcoming Activities

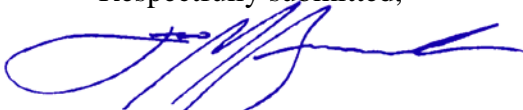
- A. CBS will continue the quarterly OU2 post-closure groundwater and storm sewer monitoring.
- B. As analytical data are developed and evaluated, GHD will submit electronic data deliverables (EDDs) for incorporation of Site data into the NYSDEC EQuIS database.²

4. Technical and Schedule Issues

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

We trust this submittal satisfies your requirements at this time. If you have questions regarding this progress 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
S. J. Ricca, Esq.
W. D. Wall, Esq.

² The EDD for the June 2015 groundwater and surface water sampling data was submitted to NYSDEC on July 23, 2015.

TABLES

Table 1
Monitoring Well Summary - May 2015
Site No. 9-15-066, Cheektowaga, New York

Well Number	Well Location (ft)		Ground Elevation (ft-msl)	Well Riser Elevation (ft-msl)	Riser Diameter (inches)	Well Condition	Notes
	Northing	Easting					
MW-2	1069009.41	1109549.37	692.16	691.81	2	Good	
MW-5	1068724.32	1110121.23	688.21	685.93	2	Good	New 2-inch J-Plug needed; consider extending riser 3 feet to ground.
MW-28	1068886.73	1109522.21	689.26	688.27	2	Fair	New surface cap needed (5.25-inch diameter threaded clean out cap).
MW-30	1069042.32	1111369.94	695.54	694.81	2	Good	Protective casing full of water to below top of well riser.
MW-31	1068844.34	1110710.31	688.46	687.22	2	Good	Mud to top of well riser; J-plug is tight.
MW-32	1071284.60	1110644.80	711.37	710.71	2	Good	
MW-33	1070266.23	1111810.27	713.34	712.50	2	Good	New 2-inch J-Plug needed.
MW-34S	1069319.02	1111862.87	703.81	702.93	2	Good	
MW-34D	1069295.12	1111850.96	703.23	701.79	4	Good	
MW-35	1069123.81	1111642.32	698.86	698.46	2	Good	

Notes :

1. Well elevations and locations surveyed by CRA on 05/19/15.
2. Well conditions observed and noted by CRA on 05/19/15.

Table 2
Groundwater Elevations
Site No. 9-15-066, Cheektowaga, New York

Date of Measurement	MW-2	MW-5	MW-28	MW-30	MW-31	MW-32	MW-33	MW-34	MW-34D	MW-35
Depth to Groundwater (ft-TOC)										
11/24/14	6.28	1.90	5.50	5.17	3.46	0.25	5.11	3.37	0.25	12.91
04/01/15	6.87	2.59	5.85	3.92	5.01	0.44	5.18	2.65	0.06	12.22
06/18/15	6.70	2.30	5.76	3.32	3.32	0.96	5.02	2.90	3.38	12.90
Groundwater Elevation (ft-msl)										
11/24/14	685.53	686.31	682.77	689.64	683.76	710.46	707.39	699.56	701.54	685.55
04/01/15	684.94	685.62	682.42	690.89	682.21	710.27	707.32	700.28	701.73	686.24
06/18/15	685.11	685.91	682.51	691.49	683.90	709.75	707.48	700.03	698.41	685.56

Notes:

1. "NM" indicates water level not measured.
2. "NA" indicates groundwater elevation data not available.

Table 3
Summary of Post-Closure 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
	04/01/15	0.32 J	1 U	1 U	1 U	1 U	0.52 J	10 U
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
MW-5	11/24/14	1 U	1 U	1 U	0.71 J	1 U	5 U	2.6 J
	11/24/14 (dup)	1 U	1 U	1 U	0.66 J	1 U	5 U	2.6 J
	04/01/15	1 U	1 U	1 U	0.88 J	1 U	0.21 J	10 U
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	120
MW-28	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	11 J
	04/01/15	1 U	1 U	1 U	1 U	1 U	0.55 J	17 B
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	3.4 J
MW-30	11/24/14	1 U	1 U	1 U	0.23 J	1 U	5 U	1.5 J
	04/01/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
MW-31	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	6.0 J
	04/01/15	1 U	1 U	1 U	1 U	1 U	0.43 J	20 U
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
MW-32	11/24/14	1.9	1 U	1 U	1.1	1.0	5 U	1.6 J
	04/01/15	5.2	1 U	1 U	0.66 J	6.0	0.17 J	10 U
	06/18/15	0.45 J	1 U	1 U	1 U	1 U	5 U	10 U
MW-33	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	1.6 J
	04/01/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U

Table 3
Summary of Post-Closure 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-34	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	1.2 J
	04/01/15	1 U	1 U	1 U	1 U	1 U	0.23 J	10 U
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	1.8 J
MW-34D	12/02/14	1 U	1 U	1 U	1 U	1 U	0.13 J	10 U
	04/01/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
MW-35	11/24/14	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	04/01/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	04/01/15 (dup)	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/18/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/18/15 (dup)	1 U	1 U	1 U	1 U	1 U	5 U	10 U

Data Legend:

"NA" - indicates not analyzed

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

Concentrations above Remedial Action Objectives are highlighted in yellow.

Data qualifiers:

U - not detected at indicated reporting limit (RL)

J - estimated concentration.

B - analyte detected in corresponding blank sample.

Table 4
NFTA Storm Sewer Sampling Results - 001 System Area
Site No. 9-15-066, Cheektowaga, New York

Manhole Designation	Date of Sampling	pH (s.u.)	Total Suspended Solids (mg/L)	Cadmium (µg/L)	Chromium (µg/L)	Lead (µg/L)	1,2-dichlorobenzene (µg/L)	cis-1,2-dichloroethylene (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Tetrachloroethylene (µg/L)	Trichloroethylene (µg/L)	Vinyl Chloride (µg/L)
MH-1A	07/14/14	7.90 J	2.4	0.61 J	1.4 J	NA	1 U	1 U	1 U	1 U	1.9	1 U	NA
	11/24/14	7.64 J	46	0.54 J	3.8 J	3.1 J	1 U	1 U	1 U	1 U	0.25 J	0.22 J	1 U
	04/01/15	8.01 J	13 J	1.1 J	1.9 J	10 U	1 U	0.24 J	1 U	1 U	1.2	0.25 J	1 U
	06/18/15	7.71 J	3.2	2.3 J	5 U	10 U	1 U	1 U	1 U	1 U	2.4	0.25 J	1 U
MH-1B	07/14/14	8.06 J	7.6	5 U	5 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	NA
	11/24/14	7.69 J	5.6	5 U	1.1 J	1.6 J	1 U	1 U	1 U	1 U	1 U	0.20 J	1 U
	04/01/15	7.96 J	66	0.97 J	3.7 J	50 U	1 U	0.32 J	1 U	1 U	1 U	0.53 J	1 U
	06/18/15	8.12 J	0.5	5 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MH-1C	07/14/14	8.18 J	8.0	5 U	5 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	NA
	11/24/14	7.82 J	8.0	5 U	0.78 J	10 U	1 U	1 U	1 U	1 U	1 U	0.24 J	1 U
	04/01/15	8.10 J	41	0.18 J	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	06/18/15	8.08 J	7.3	5 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	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.

Table 5
NFTA Storm Sewer Sampling Results - 002 System Area
Site No. 9-15-066, Cheektowaga, New York

Manhole Designation	Date of Sampling	pH (s.u.)	Total Suspended Solids (mg/L)	Cadmium (µg/L)	Chromium (µg/L)	Lead (µg/L)	1,2-dichlorobenzene (µg/L)	cis-1,2-dichloroethylene (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Tetrachloroethylene (µg/L)	Trichloroethylene (µg/L)	Vinyl Chloride (µg/L)
MH-2A	07/11/14	8.69 J	30	5 U	2.2 J	NA	1 U	2.3	0.50 JB	1 U	1 U	18	NA
	11/24/14	8.32 J	2 U	0.21 J	3.0 J	10 U	1 U	21	4.9 JB	1 U	0.98 J	120	1.6
	04/01/15	8.33 J	3.5	5 U	3.2 J	1.2 J	5 U	19	5 U	5 U	1.0 J	70	5 U
	06/18/15	8.36 J	0.5	5 U	1.9 J	1.2 J	1 U	11	1 U	1 U	1.2	74	1 U
MH-2B	07/11/14	11.7 J	6.4	5 U	5.7	NA	2 U	25	1.4 JB	2 U	5.7	41	NA
	11/24/14	10.4 J	97	5 U	7.1	10 U	2 U	27	2 U	2 U	7.9	44	1.6 J
	04/01/15	11.2 J	160	0.21 J	7.1	50 U	5 U	23	1 U	5 U	7.0	82	1.7 J
	06/18/15	11.4 J	36	5 U	5.5	10 U	1 U	31	1 U	0.16 J	10	57	1.1
MH-2C	07/11/14	9.14 J	310	5 U	6.0	NA	2 U	25	1.2 JB	2 U	6.6	46	NA
	11/24/14	9.17 J	150	0.34 J	15	9.5 J	1 U	18 J	1 U	1 U	6.3 J	30 J	1.4
	04/01/15	10.6 J	170	0.41 J	9.0	7.4 J	1 U	29 J	0.18 J	0.26 J	15	66 J	3.1
	06/18/15	11.5 J	18	5 U	5.3	1.9 J	1 U	32	1 U	0.16 J	12	55	1.2
MH-2D	07/11/14	8.80 J	62	5 U	4.0 J	NA	1 U	2.9	0.51 JB	1 U	0.2 J	20	NA
	11/24/14	8.76 J	22	5 U	5.0	10 U	1 U	53	2.5 JB	1 U	1.0	130	4.9
	04/01/15	8.29 J	50	0.26 J	6.2	7.2 J	1 U	28	1 U	1 U	2.3	100	1.3
	06/18/15	7.93 J	1.2	5 U	0.88 J	1.3 J	1 U	73	1 U	1 U	0.87 J	1,300	0.44 J

See notes on following page.

Table 5
NFTA Storm Sewer Sampling Results - 002 System Area
Site No. 9-15-066, Cheektowaga, New York

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.

B - constituent detected in corresponding blank sample.

Table 6
NFTA Storm Sewer Sampling Results - 003 System Area
Site No. 9-15-066, Cheektowaga, New York

Manhole Designation	Date of Sampling	pH (s.u.)	Total Suspended Solids (mg/L)	Cadmium (µg/L)	Chromium (µg/L)	Lead (µg/L)	1,2-dichlorobenzene (µg/L)	cis-1,2-dichloroethylene (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Tetrachloroethylene (µg/L)	Trichloroethylene (µg/L)	Vinyl Chloride (µg/L)
MH-3A	07/11/14	9.56 J	2.4	5 U	5.6	NA	25 U	52	16 JB	25 U	25 U	370	NA
	11/24/14	8.84 J	25	5 U	4.2 J	10 U	3 U	30	3 U	3 U	3 U	110	0.84 J
	04/01/15	9.03 J	1.4	0.25 J	10	50 U	10 U	15	10 U	10 U	10 U	71	10 U
	06/18/15	8.96 J	33	5 U	5.6	1.7 J	1 U	16	1 U	1 U	0.91 J	110	1 U
	06/18/15	8.94 J	24	5 U	5.8	2.8 J	1 U	16	1 U	1 U	0.96 J	110	0.90 J
MH-3B	07/11/14	8.88 J	13	5 U	1.4 J	NA	1 U	1 U	0.48 JB	1 U	1 U	0.95 J	NA
	11/24/14	8.05 J	150	0.31 J	13	43	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	11/24/14	8.01 J	160	0.20 J	15	48	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	04/01/15	8.89 J	7.3	0.21 J	13	50 U	1 U	1 U	1 U	1 U	1 U	0.54 J	1 U
	06/18/15	7.81 J	4.0	5 U	7.5	1.2 J	1 U	1 U	1 U	1 U	1 U	0.60 J	1 U
MH-3C	07/11/14	8.67 J	160	5 U	3.1 J	NA	1 U	1 U	0.48 JB	1 U	1 U	1 U	NA
	11/24/14	7.84 J	260	0.50 J	21	25	1 U	1 U	1 U	1 U	1 U	1.8	1 U
	04/01/15	7.70 J	1,300 J	8.9 J	27	100	1 U	1 U	1 U	0.39 J	1 U	0.62 J	1 U
	04/01/15	7.57 J	750	5.4 J	31	91	1 U	1 U	1 U	0.63 J	1 U	0.62 J	1 U
	06/18/15	7.68 J	330	5 U	3.9 J	2.3 J	1 U	1 U	1 U	1 U	1 U	1 U	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.

B - constituent detected in corresponding blank sample.

FIGURE

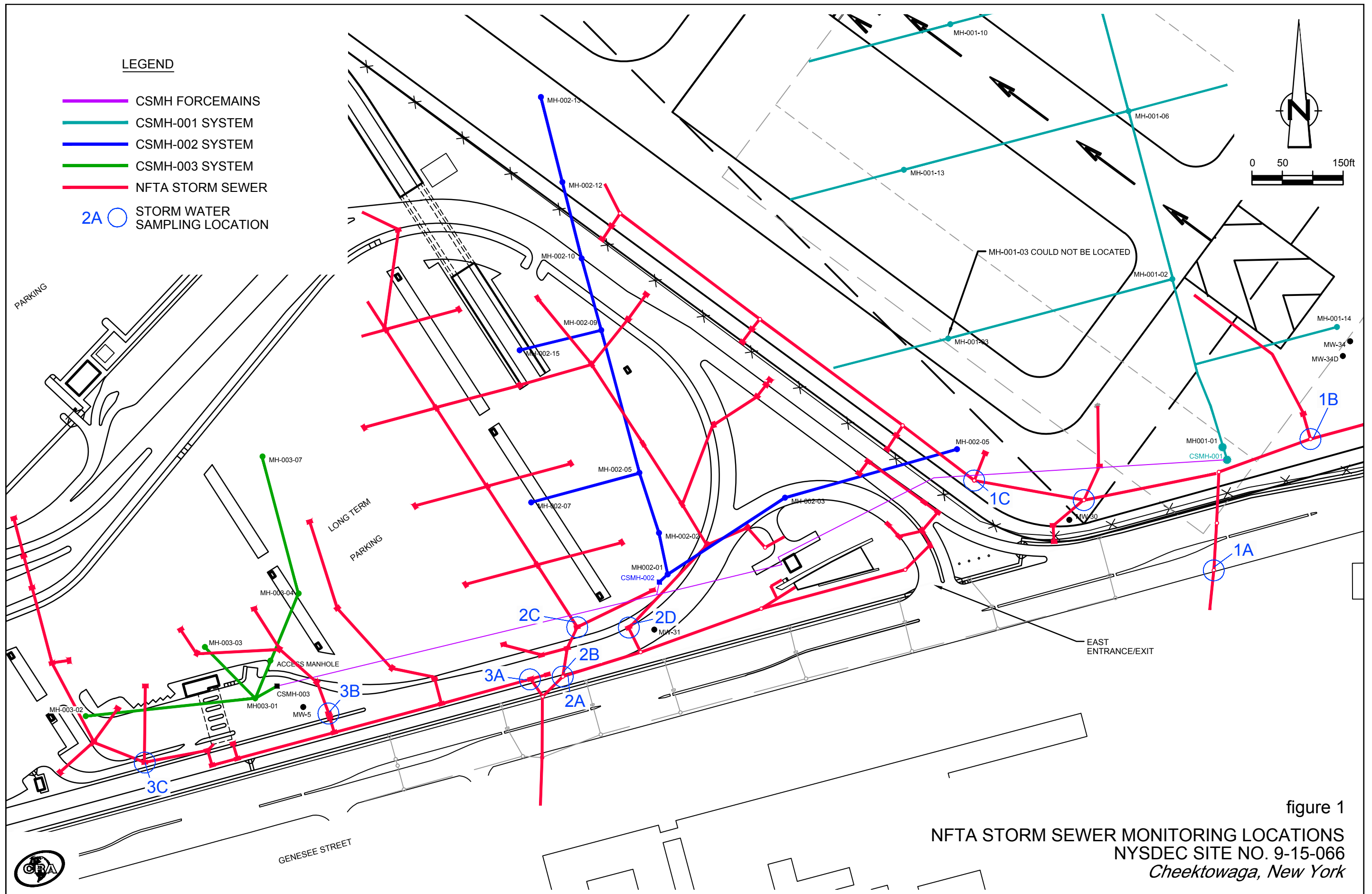


figure 1
 NFTA STORM SEWER MONITORING LOCATIONS
 NYSDEC SITE NO. 9-15-066
 Cheektowaga, New York

ATTACHMENT A
ANALYTICAL LABORATORY REPORT
JUNE 2015 GROUNDWATER SAMPLING

Well Sampling Key
June 18, 2015
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well No.	Sample No.
MW-34D	WG-18036-061815-DJT-001
MW-34	WG-18036-061815-SG-002
MW-30	WG-18036-061815-DJT-003
MW-35	WG-18036-061815-SG-004
MW-33	WG-18036-061815-DJT-005
MW-35 (dup)	WG-18036-061815-SG-006
MW-32	WG-18036-061815-DJT-007
MW-2	WG-18036-061815-SG-008
MW-5	WG-18036-061815-SG-009
MW-28	WG-18036-061815-SG-010
MW-31	WG-18036-061815-SG-011
Trip Blank	TB-18036-061815-DJT

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: 180-45236-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

7/6/2015 1:32:11 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.

1

2

3

4

5

6

7

8

9

10

11

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	18
QC Association Summary	22
Chain of Custody	24
Receipt Checklists	26

Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Job ID: 180-45236-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-45236-1

Receipt

The samples were received on 6/19/2015 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5° C.

The chain of custody did not list a sampling time for sample TB-18036-061815-DJT. The earliest sample time was logged in for this sample.

GC/MS VOA

Internal standard (ISTD) response for TBA d9 for the following sample was outside acceptance criteria: WG-18036-061815-SG-009 (180-45236-10). This ISTD does not correspond to any of the requested target compounds; therefore, the results have been reported.

Metals

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: 180-45236-1

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
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.

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: 180-45236-1

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	03-31-16
Connecticut	State Program	1	PH-0688	09-30-16
Florida	NELAP	4	E871008	06-30-16
Illinois	NELAP	5	002602	06-30-16
Kansas	NELAP	7	E-10350	07-31-15
Louisiana	NELAP	6	04041	06-30-16
New Hampshire	NELAP	1	203011	04-04-16
New Jersey	NELAP	2	PA005	09-30-15
New York	NELAP	2	11182	03-31-16
North Carolina (WW/SW)	State Program	4	434	12-31-15
Pennsylvania	NELAP	3	02-00416	04-30-16
South Carolina	State Program	4	89014	06-30-15 *
Texas	NELAP	6	T104704528	03-31-16
US Fish & Wildlife	Federal		LE94312A-1	11-30-15
USDA	Federal		P-Soil-01	05-23-16
Utah	NELAP	8	STLP	05-31-16
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-16
Wisconsin	State Program	5	998027800	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-45236-1	TB-18036-061815-DJT	Water	06/18/15 09:20	06/19/15 09:15
180-45236-2	WG-18036-061815-DJT-001	Water	06/18/15 09:40	06/19/15 09:15
180-45236-3	WG-18036-061815-SG-002	Water	06/18/15 09:20	06/19/15 09:15
180-45236-4	WG-18036-061815-DJT-003	Water	06/18/15 10:30	06/19/15 09:15
180-45236-5	WG-18036-061815-SG-004	Water	06/18/15 10:10	06/19/15 09:15
180-45236-6	WG-18036-061815-DJT-005	Water	06/18/15 11:30	06/19/15 09:15
180-45236-7	WG-18036-061815-SG-006	Water	06/18/15 10:10	06/19/15 09:15
180-45236-8	WG-18036-061815-DJT-007	Water	06/18/15 12:30	06/19/15 09:15
180-45236-9	WG-18036-061815-SG-008	Water	06/18/15 11:30	06/19/15 09:15
180-45236-10	WG-18036-061815-SG-009	Water	06/18/15 13:40	06/19/15 09:15
180-45236-11	WG-18036-061815-SG-010	Water	06/18/15 12:20	06/19/15 09:15
180-45236-12	WG-18036-061815-SG-011	Water	06/18/15 14:35	06/19/15 09:15



Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

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: 180-45236-1

Client Sample ID: TB-18036-061815-DJT
Date Collected: 06/18/15 09:20
Date Received: 06/19/15 09:15

Lab Sample ID: 180-45236-1
Matrix: Water

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	20 mL	20 mL	145812	06/23/15 12:18	PJJ	TAL PIT
Instrument ID: CHHP7										

Client Sample ID: WG-18036-061815-DJT-001
Date Collected: 06/18/15 09:40
Date Received: 06/19/15 09:15

Lab Sample ID: 180-45236-2
Matrix: Water

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	20 mL	20 mL	145812	06/23/15 11:51	PJJ	TAL PIT
Instrument ID: CHHP7										
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 18:27	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-061815-SG-002
Date Collected: 06/18/15 09:20
Date Received: 06/19/15 09:15

Lab Sample ID: 180-45236-3
Matrix: Water

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	20 mL	20 mL	145812	06/23/15 15:23	PJJ	TAL PIT
Instrument ID: CHHP7										
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 18:57	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-061815-DJT-003
Date Collected: 06/18/15 10:30
Date Received: 06/19/15 09:15

Lab Sample ID: 180-45236-4
Matrix: Water

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	20 mL	20 mL	145812	06/23/15 15:51	PJJ	TAL PIT
Instrument ID: CHHP7										
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 19:02	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-061815-SG-004
Date Collected: 06/18/15 10:10
Date Received: 06/19/15 09:15

Lab Sample ID: 180-45236-5
Matrix: Water

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	20 mL	20 mL	145812	06/23/15 16:18	PJJ	TAL PIT
Instrument ID: CHHP7										

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Client Sample ID: WG-18036-061815-SG-004

Lab Sample ID: 180-45236-5

Date Collected: 06/18/15 10:10

Matrix: Water

Date Received: 06/19/15 09:15

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	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 19:07	RJG	TAL PIT
		Instrument ID: C								

Client Sample ID: WG-18036-061815-DJT-005

Lab Sample ID: 180-45236-6

Date Collected: 06/18/15 11:30

Matrix: Water

Date Received: 06/19/15 09:15

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	20 mL	20 mL	145812	06/23/15 16:46	PJJ	TAL PIT
		Instrument ID: CHHP7								
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 19:12	RJG	TAL PIT
		Instrument ID: C								

Client Sample ID: WG-18036-061815-SG-006

Lab Sample ID: 180-45236-7

Date Collected: 06/18/15 10:10

Matrix: Water

Date Received: 06/19/15 09:15

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	20 mL	20 mL	145812	06/23/15 17:13	PJJ	TAL PIT
		Instrument ID: CHHP7								
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 19:18	RJG	TAL PIT
		Instrument ID: C								

Client Sample ID: WG-18036-061815-DJT-007

Lab Sample ID: 180-45236-8

Date Collected: 06/18/15 12:30

Matrix: Water

Date Received: 06/19/15 09:15

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	20 mL	20 mL	145812	06/23/15 17:40	PJJ	TAL PIT
		Instrument ID: CHHP7								
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 19:23	RJG	TAL PIT
		Instrument ID: C								

Client Sample ID: WG-18036-061815-SG-008

Lab Sample ID: 180-45236-9

Date Collected: 06/18/15 11:30

Matrix: Water

Date Received: 06/19/15 09:15

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	20 mL	20 mL	145812	06/23/15 18:08	PJJ	TAL PIT

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Client Sample ID: WG-18036-061815-SG-008

Lab Sample ID: 180-45236-9

Date Collected: 06/18/15 11:30

Matrix: Water

Date Received: 06/19/15 09:15

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	20 mL	20 mL	145812	06/23/15 18:08	PJJ	TAL PIT
Instrument ID: CHHP7										
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 19:28	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-061815-SG-009

Lab Sample ID: 180-45236-10

Date Collected: 06/18/15 13:40

Matrix: Water

Date Received: 06/19/15 09:15

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	20 mL	20 mL	145812	06/23/15 18:36	PJJ	TAL PIT
Instrument ID: CHHP7										
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 19:33	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-061815-SG-010

Lab Sample ID: 180-45236-11

Date Collected: 06/18/15 12:20

Matrix: Water

Date Received: 06/19/15 09:15

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	20 mL	20 mL	145957	06/24/15 14:47	PJJ	TAL PIT
Instrument ID: CHHP7										
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 19:39	RJG	TAL PIT
Instrument ID: C										

Client Sample ID: WG-18036-061815-SG-011

Lab Sample ID: 180-45236-12

Date Collected: 06/18/15 14:35

Matrix: Water

Date Received: 06/19/15 09:15

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	20 mL	20 mL	145957	06/24/15 15:15	PJJ	TAL PIT
Instrument ID: CHHP7										
Total Recoverable	Prep	200.7			50 mL	50 mL	145822	06/23/15 08:43	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146277	06/26/15 20:09	RJG	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: 180-45236-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

AB1 = Ashwin Baikadi

Batch Type: Analysis

PJJ = Patrick Journet

RJG = Rob Good

1

2

3

4

5

6

7

8

9

10

11

12

13

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Client Sample ID: TB-18036-061815-DJT

Lab Sample ID: 180-45236-1

Date Collected: 06/18/15 09:20

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 12:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 12:18	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 12:18	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 12:18	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		58 - 135		06/23/15 12:18	1
4-Bromofluorobenzene (Surr)	77		62 - 123		06/23/15 12:18	1
Dibromofluoromethane (Surr)	92		64 - 128		06/23/15 12:18	1
Toluene-d8 (Surr)	97		71 - 118		06/23/15 12:18	1

Client Sample ID: WG-18036-061815-DJT-001

Lab Sample ID: 180-45236-2

Date Collected: 06/18/15 09:40

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 11:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 11:51	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 11:51	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 11:51	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		58 - 135		06/23/15 11:51	1
4-Bromofluorobenzene (Surr)	74		62 - 123		06/23/15 11:51	1
Dibromofluoromethane (Surr)	90		64 - 128		06/23/15 11:51	1
Toluene-d8 (Surr)	96		71 - 118		06/23/15 11:51	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		06/23/15 08:43	06/26/15 18:27	1
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 18:27	1

Client Sample ID: WG-18036-061815-SG-002

Lab Sample ID: 180-45236-3

Date Collected: 06/18/15 09:20

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 15:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 15:23	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 15:23	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 15:23	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 135		06/23/15 15:23	1
4-Bromofluorobenzene (Surr)	94		62 - 123		06/23/15 15:23	1
Dibromofluoromethane (Surr)	111		64 - 128		06/23/15 15:23	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Client Sample ID: WG-18036-061815-SG-002

Lab Sample ID: 180-45236-3

Date Collected: 06/18/15 09:20

Matrix: Water

Date Received: 06/19/15 09:15

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	113		71 - 118		06/23/15 15:23	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		06/23/15 08:43	06/26/15 18:57	1
Lead	1.8	J	10	1.2	ug/L		06/23/15 08:43	06/26/15 18:57	1

Client Sample ID: WG-18036-061815-DJT-003

Lab Sample ID: 180-45236-4

Date Collected: 06/18/15 10:30

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 15:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 15:51	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 15:51	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 15:51	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 135		06/23/15 15:51	1
4-Bromofluorobenzene (Surr)	93		62 - 123		06/23/15 15:51	1
Dibromofluoromethane (Surr)	107		64 - 128		06/23/15 15:51	1
Toluene-d8 (Surr)	114		71 - 118		06/23/15 15:51	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		06/23/15 08:43	06/26/15 19:02	1
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 19:02	1

Client Sample ID: WG-18036-061815-SG-004

Lab Sample ID: 180-45236-5

Date Collected: 06/18/15 10:10

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 16:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 16:18	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 16:18	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 16:18	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 135		06/23/15 16:18	1
4-Bromofluorobenzene (Surr)	90		62 - 123		06/23/15 16:18	1
Dibromofluoromethane (Surr)	108		64 - 128		06/23/15 16:18	1
Toluene-d8 (Surr)	115		71 - 118		06/23/15 16:18	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		06/23/15 08:43	06/26/15 19:07	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Client Sample ID: WG-18036-061815-SG-004

Lab Sample ID: 180-45236-5

Date Collected: 06/18/15 10:10

Matrix: Water

Date Received: 06/19/15 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 19:07	1

Client Sample ID: WG-18036-061815-DJT-005

Lab Sample ID: 180-45236-6

Date Collected: 06/18/15 11:30

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 16:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 16:46	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 16:46	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 16:46	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		58 - 135		06/23/15 16:46	1
4-Bromofluorobenzene (Surr)	90		62 - 123		06/23/15 16:46	1
Dibromofluoromethane (Surr)	107		64 - 128		06/23/15 16:46	1
Toluene-d8 (Surr)	113		71 - 118		06/23/15 16:46	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		06/23/15 08:43	06/26/15 19:12	1
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 19:12	1

Client Sample ID: WG-18036-061815-SG-006

Lab Sample ID: 180-45236-7

Date Collected: 06/18/15 10:10

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 17:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 17:13	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 17:13	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 17:13	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		58 - 135		06/23/15 17:13	1
4-Bromofluorobenzene (Surr)	84		62 - 123		06/23/15 17:13	1
Dibromofluoromethane (Surr)	98		64 - 128		06/23/15 17:13	1
Toluene-d8 (Surr)	108		71 - 118		06/23/15 17:13	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		06/23/15 08:43	06/26/15 19:18	1
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 19:18	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Client Sample ID: WG-18036-061815-DJT-007

Lab Sample ID: 180-45236-8

Date Collected: 06/18/15 12:30

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 17:40	1
cis-1,2-Dichloroethene	0.45	J	1.0	0.24	ug/L			06/23/15 17:40	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 17:40	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 17:40	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		58 - 135		06/23/15 17:40	1
4-Bromofluorobenzene (Surr)	84		62 - 123		06/23/15 17:40	1
Dibromofluoromethane (Surr)	96		64 - 128		06/23/15 17:40	1
Toluene-d8 (Surr)	105		71 - 118		06/23/15 17:40	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		06/23/15 08:43	06/26/15 19:23	1
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 19:23	1

Client Sample ID: WG-18036-061815-SG-008

Lab Sample ID: 180-45236-9

Date Collected: 06/18/15 11:30

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 18:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 18:08	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 18:08	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 18:08	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		58 - 135		06/23/15 18:08	1
4-Bromofluorobenzene (Surr)	86		62 - 123		06/23/15 18:08	1
Dibromofluoromethane (Surr)	99		64 - 128		06/23/15 18:08	1
Toluene-d8 (Surr)	109		71 - 118		06/23/15 18:08	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		06/23/15 08:43	06/26/15 19:28	1
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 19:28	1

Client Sample ID: WG-18036-061815-SG-009

Lab Sample ID: 180-45236-10

Date Collected: 06/18/15 13:40

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 18:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 18:36	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 18:36	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 18:36	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 18:36	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Client Sample ID: WG-18036-061815-SG-009

Lab Sample ID: 180-45236-10

Date Collected: 06/18/15 13:40

Matrix: Water

Date Received: 06/19/15 09:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 135		06/23/15 18:36	1
4-Bromofluorobenzene (Surr)	91		62 - 123		06/23/15 18:36	1
Dibromofluoromethane (Surr)	103		64 - 128		06/23/15 18:36	1
Toluene-d8 (Surr)	112		71 - 118		06/23/15 18:36	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		06/23/15 08:43	06/26/15 19:33	1
Lead	120		10	1.2	ug/L		06/23/15 08:43	06/26/15 19:33	1

Client Sample ID: WG-18036-061815-SG-010

Lab Sample ID: 180-45236-11

Date Collected: 06/18/15 12:20

Matrix: Water

Date Received: 06/19/15 09:15

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			06/24/15 14:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/15 14:47	1
Toluene	1.0	U	1.0	0.15	ug/L			06/24/15 14:47	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/24/15 14:47	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/24/15 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		58 - 135		06/24/15 14:47	1
4-Bromofluorobenzene (Surr)	85		62 - 123		06/24/15 14:47	1
Dibromofluoromethane (Surr)	123		64 - 128		06/24/15 14:47	1
Toluene-d8 (Surr)	102		71 - 118		06/24/15 14:47	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		06/23/15 08:43	06/26/15 19:39	1
Lead	3.4	J	10	1.2	ug/L		06/23/15 08:43	06/26/15 19:39	1

Client Sample ID: WG-18036-061815-SG-011

Lab Sample ID: 180-45236-12

Date Collected: 06/18/15 14:35

Matrix: Water

Date Received: 06/19/15 09:15

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			06/24/15 15:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/15 15:15	1
Toluene	1.0	U	1.0	0.15	ug/L			06/24/15 15:15	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/24/15 15:15	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/24/15 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		58 - 135		06/24/15 15:15	1
4-Bromofluorobenzene (Surr)	93		62 - 123		06/24/15 15:15	1
Dibromofluoromethane (Surr)	115		64 - 128		06/24/15 15:15	1
Toluene-d8 (Surr)	117		71 - 118		06/24/15 15:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Client Sample ID: WG-18036-061815-SG-011

Lab Sample ID: 180-45236-12

Date Collected: 06/18/15 14:35

Matrix: Water

Date Received: 06/19/15 09:15

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		06/23/15 08:43	06/26/15 20:09	1
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 20:09	1

1

2

3

4

5

6

7

8

9

10

11

12

13

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

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

Lab Sample ID: MB 180-145812/5

Matrix: Water

Analysis Batch: 145812

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			06/23/15 11:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 11:07	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 11:07	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 11:07	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 11:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 135		06/23/15 11:07	1
4-Bromofluorobenzene (Surr)	92		62 - 123		06/23/15 11:07	1
Dibromofluoromethane (Surr)	106		64 - 128		06/23/15 11:07	1
Toluene-d8 (Surr)	112		71 - 118		06/23/15 11:07	1

Lab Sample ID: LCS 180-145812/1003

Matrix: Water

Analysis Batch: 145812

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	11.6		ug/L		116	75 - 125
cis-1,2-Dichloroethene	10.0	9.24		ug/L		92	69 - 127
Toluene	10.0	11.4		ug/L		114	74 - 126
Trichloroethene	10.0	7.38		ug/L		74	73 - 125
Vinyl chloride	10.0	8.07		ug/L		81	30 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		58 - 135
4-Bromofluorobenzene (Surr)	91		62 - 123
Dibromofluoromethane (Surr)	91		64 - 128
Toluene-d8 (Surr)	97		71 - 118

Lab Sample ID: 180-45236-2 MS

Matrix: Water

Analysis Batch: 145812

Client Sample ID: WG-18036-061815-DJT-001

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.0	U	10.0	10.9		ug/L		109	75 - 125
cis-1,2-Dichloroethene	1.0	U	10.0	10.9		ug/L		109	69 - 127
Toluene	1.0	U	10.0	11.6		ug/L		116	74 - 126
Trichloroethene	1.0	U	10.0	9.66		ug/L		97	73 - 125
Vinyl chloride	1.0	U	10.0	8.52		ug/L		85	30 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		58 - 135
4-Bromofluorobenzene (Surr)	90		62 - 123
Dibromofluoromethane (Surr)	98		64 - 128
Toluene-d8 (Surr)	112		71 - 118

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

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

Lab Sample ID: 180-45236-2 MSD
Matrix: Water
Analysis Batch: 145812

Client Sample ID: WG-18036-061815-DJT-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	10.0	10.8		ug/L		108	75 - 125	1	25
cis-1,2-Dichloroethene	1.0	U	10.0	10.5		ug/L		105	69 - 127	3	20
Toluene	1.0	U	10.0	11.5		ug/L		115	74 - 126	1	25
Trichloroethene	1.0	U	10.0	9.85		ug/L		99	73 - 125	2	25
Vinyl chloride	1.0	U	10.0	8.80		ug/L		88	30 - 140	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		58 - 135
4-Bromofluorobenzene (Surr)	87		62 - 123
Dibromofluoromethane (Surr)	99		64 - 128
Toluene-d8 (Surr)	112		71 - 118

Lab Sample ID: MB 180-145957/5
Matrix: Water
Analysis Batch: 145957

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			06/24/15 14:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/15 14:11	1
Toluene	1.0	U	1.0	0.15	ug/L			06/24/15 14:11	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/24/15 14:11	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/24/15 14:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		58 - 135		06/24/15 14:11	1
4-Bromofluorobenzene (Surr)	91		62 - 123		06/24/15 14:11	1
Dibromofluoromethane (Surr)	114		64 - 128		06/24/15 14:11	1
Toluene-d8 (Surr)	114		71 - 118		06/24/15 14:11	1

Lab Sample ID: LCS 180-145957/1002
Matrix: Water
Analysis Batch: 145957

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	10.9		ug/L		109	75 - 125
cis-1,2-Dichloroethene	10.0	11.2		ug/L		112	69 - 127
Toluene	10.0	11.1		ug/L		111	74 - 126
Trichloroethene	10.0	10.6		ug/L		106	73 - 125
Vinyl chloride	10.0	8.67		ug/L		87	30 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		58 - 135
4-Bromofluorobenzene (Surr)	92		62 - 123
Dibromofluoromethane (Surr)	101		64 - 128
Toluene-d8 (Surr)	108		71 - 118

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

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

Lab Sample ID: 180-45236-12 MS
Matrix: Water
Analysis Batch: 145957

Client Sample ID: WG-18036-061815-SG-011
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
1,1,1-Trichloroethane	1.0	U	10.0	10.5		ug/L		105	75 - 125	
cis-1,2-Dichloroethene	1.0	U	10.0	11.8		ug/L		118	69 - 127	
Toluene	1.0	U	10.0	10.9		ug/L		109	74 - 126	
Trichloroethene	1.0	U	10.0	10.8		ug/L		108	73 - 125	
Vinyl chloride	1.0	U	10.0	7.94		ug/L		79	30 - 140	
MS MS										
Surrogate	%Recovery		Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	109			58 - 135						
4-Bromofluorobenzene (Surr)	88			62 - 123						
Dibromofluoromethane (Surr)	112			64 - 128						
Toluene-d8 (Surr)	102			71 - 118						

Lab Sample ID: 180-45236-12 MSD
Matrix: Water
Analysis Batch: 145957

Client Sample ID: WG-18036-061815-SG-011
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier		Result	Qualifier						RPD	Limit
1,1,1-Trichloroethane	1.0	U	10.0	10.1		ug/L		101	75 - 125	4	25	
cis-1,2-Dichloroethene	1.0	U	10.0	11.4		ug/L		114	69 - 127	3	20	
Toluene	1.0	U	10.0	10.9		ug/L		109	74 - 126	1	25	
Trichloroethene	1.0	U	10.0	11.7		ug/L		117	73 - 125	8	25	
Vinyl chloride	1.0	U	10.0	7.47		ug/L		75	30 - 140	6	35	
MSD MSD												
Surrogate	%Recovery		Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	111			58 - 135								
4-Bromofluorobenzene (Surr)	95			62 - 123								
Dibromofluoromethane (Surr)	109			64 - 128								
Toluene-d8 (Surr)	104			71 - 118								

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-145822/1-A
Matrix: Water
Analysis Batch: 146277

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 145822

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Cadmium	5.0	U	5.0	0.13	ug/L		06/23/15 08:43	06/26/15 18:12		1
Lead	10	U	10	1.2	ug/L		06/23/15 08:43	06/26/15 18:12		1

Lab Sample ID: LCS 180-145822/2-A
Matrix: Water
Analysis Batch: 146277

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 145822

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
Cadmium	50.0	50.2		ug/L		100	85 - 115	
Lead	500	505		ug/L		101	85 - 115	

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 180-45236-2 MS

Matrix: Water

Analysis Batch: 146277

Client Sample ID: WG-18036-061815-DJT-001

Prep Type: Total Recoverable

Prep Batch: 145822

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits		
	Result	Qualifier		Result	Qualifier						RPD	Limit
Cadmium	5.0	U	50.0	49.5		ug/L		99		70 - 130		
Lead	10	U	500	498		ug/L		100		70 - 130		

Lab Sample ID: 180-45236-2 MSD

Matrix: Water

Analysis Batch: 146277

Client Sample ID: WG-18036-061815-DJT-001

Prep Type: Total Recoverable

Prep Batch: 145822

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						RPD	Limit
Cadmium	5.0	U	50.0	49.3		ug/L		99		70 - 130	0	20
Lead	10	U	500	489		ug/L		98		70 - 130	2	20

Lab Sample ID: 180-45236-11 MS

Matrix: Water

Analysis Batch: 146277

Client Sample ID: WG-18036-061815-SG-010

Prep Type: Total Recoverable

Prep Batch: 145822

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits		
	Result	Qualifier		Result	Qualifier						RPD	Limit
Cadmium	5.0	U	50.0	52.2		ug/L		104		70 - 130		
Lead	3.4	J	500	500		ug/L		99		70 - 130		

Lab Sample ID: 180-45236-11 MSD

Matrix: Water

Analysis Batch: 146277

Client Sample ID: WG-18036-061815-SG-010

Prep Type: Total Recoverable

Prep Batch: 145822

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						RPD	Limit
Cadmium	5.0	U	50.0	51.6		ug/L		103		70 - 130	1	20
Lead	3.4	J	500	498		ug/L		99		70 - 130	0	20

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

GC/MS VOA

Analysis Batch: 145812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45236-1	TB-18036-061815-DJT	Total/NA	Water	624	
180-45236-2	WG-18036-061815-DJT-001	Total/NA	Water	624	
180-45236-2 MS	WG-18036-061815-DJT-001	Total/NA	Water	624	
180-45236-2 MSD	WG-18036-061815-DJT-001	Total/NA	Water	624	
180-45236-3	WG-18036-061815-SG-002	Total/NA	Water	624	
180-45236-4	WG-18036-061815-DJT-003	Total/NA	Water	624	
180-45236-5	WG-18036-061815-SG-004	Total/NA	Water	624	
180-45236-6	WG-18036-061815-DJT-005	Total/NA	Water	624	
180-45236-7	WG-18036-061815-SG-006	Total/NA	Water	624	
180-45236-8	WG-18036-061815-DJT-007	Total/NA	Water	624	
180-45236-9	WG-18036-061815-SG-008	Total/NA	Water	624	
180-45236-10	WG-18036-061815-SG-009	Total/NA	Water	624	
LCS 180-145812/1003	Lab Control Sample	Total/NA	Water	624	
MB 180-145812/5	Method Blank	Total/NA	Water	624	

Analysis Batch: 145957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45236-11	WG-18036-061815-SG-010	Total/NA	Water	624	
180-45236-12	WG-18036-061815-SG-011	Total/NA	Water	624	
180-45236-12 MS	WG-18036-061815-SG-011	Total/NA	Water	624	
180-45236-12 MSD	WG-18036-061815-SG-011	Total/NA	Water	624	
LCS 180-145957/1002	Lab Control Sample	Total/NA	Water	624	
MB 180-145957/5	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 145822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45236-2	WG-18036-061815-DJT-001	Total Recoverable	Water	200.7	
180-45236-2 MS	WG-18036-061815-DJT-001	Total Recoverable	Water	200.7	
180-45236-2 MSD	WG-18036-061815-DJT-001	Total Recoverable	Water	200.7	
180-45236-3	WG-18036-061815-SG-002	Total Recoverable	Water	200.7	
180-45236-4	WG-18036-061815-DJT-003	Total Recoverable	Water	200.7	
180-45236-5	WG-18036-061815-SG-004	Total Recoverable	Water	200.7	
180-45236-6	WG-18036-061815-DJT-005	Total Recoverable	Water	200.7	
180-45236-7	WG-18036-061815-SG-006	Total Recoverable	Water	200.7	
180-45236-8	WG-18036-061815-DJT-007	Total Recoverable	Water	200.7	
180-45236-9	WG-18036-061815-SG-008	Total Recoverable	Water	200.7	
180-45236-10	WG-18036-061815-SG-009	Total Recoverable	Water	200.7	
180-45236-11	WG-18036-061815-SG-010	Total Recoverable	Water	200.7	
180-45236-11 MS	WG-18036-061815-SG-010	Total Recoverable	Water	200.7	
180-45236-11 MSD	WG-18036-061815-SG-010	Total Recoverable	Water	200.7	
180-45236-12	WG-18036-061815-SG-011	Total Recoverable	Water	200.7	
LCS 180-145822/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-145822/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 146277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45236-2	WG-18036-061815-DJT-001	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-2 MS	WG-18036-061815-DJT-001	Total Recoverable	Water	200.7 Rev 4.4	145822

TestAmerica Pittsburgh

QC Association Summary

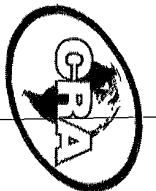
Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45236-1

Metals (Continued)

Analysis Batch: 146277 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45236-2 MSD	WG-18036-061815-DJT-001	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-3	WG-18036-061815-SG-002	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-4	WG-18036-061815-DJT-003	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-5	WG-18036-061815-SG-004	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-6	WG-18036-061815-DJT-005	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-7	WG-18036-061815-SG-006	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-8	WG-18036-061815-DJT-007	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-9	WG-18036-061815-SG-008	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-10	WG-18036-061815-SG-009	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-11	WG-18036-061815-SG-010	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-11 MS	WG-18036-061815-SG-010	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-11 MSD	WG-18036-061815-SG-010	Total Recoverable	Water	200.7 Rev 4.4	145822
180-45236-12	WG-18036-061815-SG-011	Total Recoverable	Water	200.7 Rev 4.4	145822
LCS 180-145822/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	145822
MB 180-145822/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	145822



CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD
Address: 2055 N
Phone: 716-291-6151
Fax:
see Falls Blvd

COC NO.: 48226
PAGE 1 OF 1
(See Reverse Side for Instructions)

Project No./Phase/Task Code:
18036-2014

Project Name:
BN1A Quarterly Pest-closure Venture

Project Location:
Buffalo Airport

Chemistry Contact:

Sampler(s):
S. Gardner D. Tyran

Lab Contact:
Test America

Lab Location:
Pittsburgh

SSOW ID:

Cooler No.:

Carrier:

Airbill No.:

Date Shipped:
6.18.15

COMMENTS/
SPECIAL INSTRUCTIONS:

Item	SAMPLE IDENTIFICATION (Contributors for each sample may be combined on one line)	DATE (m/d/yyyy)	TIME (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	CONTAINER QUANTITY & PRESERVATION							Total Containers/Sample	ANALYSIS REQUESTED (See Back of COC for Definitions)	MS/MSD Request	Date Shipped: 6.18.15	COMMENTS/ SPECIAL INSTRUCTIONS:
						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					
1	TRB-18036-061815-DST	6-18-15		TRB G		X											
2	WG-18036-061815-DST-001	6-18-15	0940	WG G		X											
3	WG-18036-061815-54-002	6-18-15	0920	WG G		X											
4	WG-18036-061815-DST-003	6-18-15	1030	WG G		X											
5	WG-18036-061815-54-004	6-18-15	1010	WG G		X											
6	WG-18036-061815-DST-005	6-18-15	1130	WG G		X											
7	WG-18036-061815-54-006	6-18-15	1010	WG G		X											
8	WG-18036-061815-DST-007	6-18-15	1230	WG G		X											
9	WG-18036-061815-54-008	6-18-15	1130	WG G		X											
10	WG-18036-061815-54-009	6-18-15	1340	WG G		X											
11	WG-18036-061815-54-010	6-18-15	1220	WG G		X											
12	WG-18036-061815-54-011	6-18-15	1435	WG G		X											
13																	
14																	
15																	



180-45236 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: Standard

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

Notes/ Special Requirements:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
<i>David Ryan</i>	CRA	6-18-15	1540	<i>Phillie Western</i>	AAF	6-18-15	9:15

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

ORIGIN ID:DKKA (716) 297-2160
 BRITT GEBHARDT
 CRA SERVICES
 2055 NIAGARA FALLS BLVD
 NIAGARA FALLS, NY 14304
 UNITED STATES US

SHIP DATE: 18JUN15
 ACTWGT: 30.0 LB MAN
 CAD: 684177CAFE2807

BILL THIRD PARTY

TO **SAMPLE CUSTODIAN**
TEST AMERICA
301 ALPHA DRIVE

PITTSBURGH PA 152381330

(412) 963-7058

REF: 018036 - 2014 GEB (OSCA)



FedEx
Express



1 of 3

TRK# 5849 9435 5249
 0201

MASTER

FRI - 19 JUN 10:30A
PRIORITY OVERNIGHT

NA AGCA

15238
 PA-US **PIT**

Uncorrected temp

3.7 °C

Thermometer ID

1

CF rs

Initials OS

PT-WI-SR-001 effective 7/26/13



180-45236 Waybill

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-45236-1

Login Number: 45236

List Number: 1

Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
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 <math><6\text{mm}</math> (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
JUNE 2015 SURFACE WATER SAMPLING**

Manhole Sampling Key
June 18, 2015
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Manhole No.	Sample No.
1B	SW-18036-061815-001
1C	SW-18036-061815-002
2C	SW-18036-061815-003
2A	SW-18036-061815-004
2B	SW-18036-061815-005
3A	SW-18036-061815-006
3A	SW-18036-061815-007
2D	SW-18036-061815-008
3C	SW-18036-061815-009
3B	SW-18036-061815-010
1A	SW-18036-061815-011
Trip Blank	TB-18036-061815-01

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: 180-45232-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

7/6/2015 2:00:43 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.

1

2

3

4

5

6

7

8

9

10

11

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	13
QC Sample Results	22
QC Association Summary	29
Chain of Custody	32
Receipt Checklists	34

Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Job ID: 180-45232-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative 180-45232-1

Receipt

The samples were received on 6/19/2015 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.0° C and 4.3° C.

The chain of custody did not list a sampling time for sample TB-18036-061815-01. The earliest sample time was logged in for this sample.

The chain of custody listed a sampling time of 10:15 for sample SW-18036-061815-004 and 10:00 for sample SW-18036-061815-005. The sample containers listed the times as 10:00 and 10:15 respectively. The sampling times were logged on off of the chain of custody.

GC/MS VOA

The following samples was diluted to bring the concentration of target analytes within the calibration range: SW-18036-061815-004 (180-45232-4), SW-18036-061815-005 (180-45232-5), SW-18036-061815-006 (180-45232-6), SW-18036-061815-007 (180-45232-7) and SW-18036-061815-008 (180-45232-8). Elevated reporting limits 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: 180-45232-1

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.
E	Result exceeded calibration range.

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: 180-45232-1

Laboratory: TestAmerica Pittsburgh

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

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-16

The following analytes are included in this report, but are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-45232-1	SW-18036-061815-001	Water	06/18/15 08:45	06/19/15 09:15
180-45232-2	SW-18036-061815-002	Water	06/18/15 09:15	06/19/15 09:15
180-45232-3	SW-18036-061815-003	Water	06/18/15 09:45	06/19/15 09:15
180-45232-4	SW-18036-061815-004	Water	06/18/15 10:15	06/19/15 09:15
180-45232-5	SW-18036-061815-005	Water	06/18/15 10:00	06/19/15 09:15
180-45232-6	SW-18036-061815-006	Water	06/18/15 10:45	06/19/15 09:15
180-45232-7	SW-18036-061815-007	Water	06/18/15 10:45	06/19/15 09:15
180-45232-8	SW-18036-061815-008	Water	06/18/15 11:30	06/19/15 09:15
180-45232-9	SW-18036-061815-009	Water	06/18/15 12:00	06/19/15 09:15
180-45232-10	SW-18036-061815-010	Water	06/18/15 13:00	06/19/15 09:15
180-45232-11	SW-18036-061815-011	Water	06/18/15 13:30	06/19/15 09:15
180-45232-12	TB-18036-061815-01	Water	06/18/15 08:45	06/19/15 09:15



Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

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: 180-45232-1

Client Sample ID: SW-18036-061815-001
Date Collected: 06/18/15 08:45
Date Received: 06/19/15 09:15

Lab Sample ID: 180-45232-1
Matrix: Water

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	145690	06/22/15 23:01	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 19:59	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 17:52	RJ	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: SW-18036-061815-002
Date Collected: 06/18/15 09:15
Date Received: 06/19/15 09:15

Lab Sample ID: 180-45232-2
Matrix: Water

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	145690	06/22/15 23:48	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 20:29	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 17:56	RJ	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: SW-18036-061815-003
Date Collected: 06/18/15 09:45
Date Received: 06/19/15 09:15

Lab Sample ID: 180-45232-3
Matrix: Water

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	145690	06/23/15 00:36	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	624	DL	5	5 mL	5 mL	145806	06/23/15 15:17	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 20:35	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 17:58	RJ	TAL PIT
		Instrument ID: NOEQUIP								

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-004

Lab Sample ID: 180-45232-4

Date Collected: 06/18/15 10:15

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/23/15 01:23	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	624	DL	5	5 mL	5 mL	145954	06/24/15 22:42	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 20:40	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 18:00	RJ	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: SW-18036-061815-005

Lab Sample ID: 180-45232-5

Date Collected: 06/18/15 10:00

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/23/15 02:11	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	624	DL	5	5 mL	5 mL	145954	06/24/15 23:06	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 20:45	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 18:02	RJ	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: SW-18036-061815-006

Lab Sample ID: 180-45232-6

Date Collected: 06/18/15 10:45

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/23/15 02:58	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total/NA	Analysis	624	DL	10	5 mL	5 mL	145954	06/24/15 23:30	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 20:51	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-006

Lab Sample ID: 180-45232-6

Date Collected: 06/18/15 10:45

Matrix: Water

Date Received: 06/19/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 18:04	RJ	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SW-18036-061815-007

Lab Sample ID: 180-45232-7

Date Collected: 06/18/15 10:45

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/23/15 03:45	PJJ	TAL PIT
Instrument ID: CHHP5										
Total/NA	Analysis	624	DL	10	5 mL	5 mL	145954	06/24/15 23:53	PJJ	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 20:56	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 18:06	RJ	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SW-18036-061815-008

Lab Sample ID: 180-45232-8

Date Collected: 06/18/15 11:30

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/23/15 04:33	PJJ	TAL PIT
Instrument ID: CHHP5										
Total/NA	Analysis	624	DL	50	5 mL	5 mL	145954	06/25/15 00:17	PJJ	TAL PIT
Instrument ID: CHHP5										
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 21:01	RJG	TAL PIT
Instrument ID: C										
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 18:08	RJ	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SW-18036-061815-009

Lab Sample ID: 180-45232-9

Date Collected: 06/18/15 12:00

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/22/15 12:19	PJJ	TAL PIT

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-009

Lab Sample ID: 180-45232-9

Date Collected: 06/18/15 12:00

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/22/15 12:19	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 21:16	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	250 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 18:10	RJ	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: SW-18036-061815-010

Lab Sample ID: 180-45232-10

Date Collected: 06/18/15 13:00

Matrix: Water

Date Received: 06/19/15 09:15

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	145806	06/23/15 11:59	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 21:37	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 18:15	RJ	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: SW-18036-061815-011

Lab Sample ID: 180-45232-11

Date Collected: 06/18/15 13:30

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/23/15 06:08	PJJ	TAL PIT
		Instrument ID: CHHP5								
Total Recoverable	Prep	200.7			50 mL	50 mL	145713	06/22/15 09:11	AB1	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	146160	06/25/15 21:42	RJG	TAL PIT
		Instrument ID: C								
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	145867	06/23/15 11:32	JWS	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	145780	06/22/15 18:17	RJ	TAL PIT
		Instrument ID: NOEQUIP								

TestAmerica Pittsburgh

Lab Chronicle

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: TB-18036-061815-01

Lab Sample ID: 180-45232-12

Date Collected: 06/18/15 08:45

Matrix: Water

Date Received: 06/19/15 09:15

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	145690	06/22/15 11:56	PJJ	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: Prep

AB1 = Ashwin Baikadi

Batch Type: Analysis

JWS = Jim Swanson

PJJ = Patrick Journet

RJ = Rebekah Jaquay

RJG = Rob Good

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-001

Lab Sample ID: 180-45232-1

Date Collected: 06/18/15 08:45

Matrix: Water

Date Received: 06/19/15 09:15

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			06/22/15 23:01	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/22/15 23:01	1
Toluene	1.0	U	1.0	0.15	ug/L			06/22/15 23:01	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/22/15 23:01	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/22/15 23:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/22/15 23:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/22/15 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		58 - 135		06/22/15 23:01	1
4-Bromofluorobenzene (Surr)	83		62 - 123		06/22/15 23:01	1
Toluene-d8 (Surr)	94		71 - 118		06/22/15 23:01	1
Dibromofluoromethane (Surr)	106		64 - 128		06/22/15 23:01	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		06/22/15 09:11	06/25/15 19:59	1
Chromium	5.0	U	5.0	0.77	ug/L		06/22/15 09:11	06/25/15 19:59	1
Lead	10	U	10	1.2	ug/L		06/22/15 09:11	06/25/15 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	0.50		0.50	0.50	mg/L			06/23/15 11:32	1
pH	8.12	HF	0.100	0.100	SU			06/22/15 17:52	1

Client Sample ID: SW-18036-061815-002

Lab Sample ID: 180-45232-2

Date Collected: 06/18/15 09:15

Matrix: Water

Date Received: 06/19/15 09:15

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			06/22/15 23:48	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/22/15 23:48	1
Toluene	1.0	U	1.0	0.15	ug/L			06/22/15 23:48	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/22/15 23:48	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/22/15 23:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/22/15 23:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/22/15 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		58 - 135		06/22/15 23:48	1
4-Bromofluorobenzene (Surr)	87		62 - 123		06/22/15 23:48	1
Toluene-d8 (Surr)	96		71 - 118		06/22/15 23:48	1
Dibromofluoromethane (Surr)	109		64 - 128		06/22/15 23:48	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		06/22/15 09:11	06/25/15 20:29	1
Chromium	5.0	U	5.0	0.77	ug/L		06/22/15 09:11	06/25/15 20:29	1
Lead	10	U	10	1.2	ug/L		06/22/15 09:11	06/25/15 20:29	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-002

Lab Sample ID: 180-45232-2

Date Collected: 06/18/15 09:15

Matrix: Water

Date Received: 06/19/15 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	7.3		0.50	0.50	mg/L			06/23/15 11:32	1
pH	8.08	HF	0.100	0.100	SU			06/22/15 17:56	1

Client Sample ID: SW-18036-061815-003

Lab Sample ID: 180-45232-3

Date Collected: 06/18/15 09:45

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 00:36	1
Tetrachloroethene	12		1.0	0.15	ug/L			06/23/15 00:36	1
Toluene	0.16	J	1.0	0.15	ug/L			06/23/15 00:36	1
Trichloroethene	73	E	1.0	0.14	ug/L			06/23/15 00:36	1
Vinyl chloride	1.2		1.0	0.23	ug/L			06/23/15 00:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 00:36	1
cis-1,2-Dichloroethene	32		1.0	0.24	ug/L			06/23/15 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		58 - 135					06/23/15 00:36	1
4-Bromofluorobenzene (Surr)	90		62 - 123					06/23/15 00:36	1
Toluene-d8 (Surr)	98		71 - 118					06/23/15 00:36	1
Dibromofluoromethane (Surr)	105		64 - 128					06/23/15 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	5.0	U	5.0	0.75	ug/L			06/23/15 15:17	5
Tetrachloroethene	8.6		5.0	0.74	ug/L			06/23/15 15:17	5
Toluene	5.0	U	5.0	0.75	ug/L			06/23/15 15:17	5
Trichloroethene	55		5.0	0.72	ug/L			06/23/15 15:17	5
Vinyl chloride	1.3	J	5.0	1.1	ug/L			06/23/15 15:17	5
1,2-Dichlorobenzene	5.0	U	5.0	0.76	ug/L			06/23/15 15:17	5
cis-1,2-Dichloroethene	25		5.0	1.2	ug/L			06/23/15 15:17	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 135					06/23/15 15:17	5
4-Bromofluorobenzene (Surr)	100		62 - 123					06/23/15 15:17	5
Toluene-d8 (Surr)	104		71 - 118					06/23/15 15:17	5
Dibromofluoromethane (Surr)	97		64 - 128					06/23/15 15:17	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		06/22/15 09:11	06/25/15 20:35	1
Chromium	5.3		5.0	0.77	ug/L		06/22/15 09:11	06/25/15 20:35	1
Lead	1.9	J	10	1.2	ug/L		06/22/15 09:11	06/25/15 20:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	18		0.50	0.50	mg/L			06/23/15 11:32	1
pH	11.5	HF	0.100	0.100	SU			06/22/15 17:58	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-004

Lab Sample ID: 180-45232-4

Date Collected: 06/18/15 10:15

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 01:23	1
Tetrachloroethene	1.2		1.0	0.15	ug/L			06/23/15 01:23	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 01:23	1
Trichloroethene	95	E	1.0	0.14	ug/L			06/23/15 01:23	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 01:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 01:23	1
cis-1,2-Dichloroethene	11		1.0	0.24	ug/L			06/23/15 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		58 - 135		06/23/15 01:23	1
4-Bromofluorobenzene (Surr)	86		62 - 123		06/23/15 01:23	1
Toluene-d8 (Surr)	97		71 - 118		06/23/15 01:23	1
Dibromofluoromethane (Surr)	109		64 - 128		06/23/15 01:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	5.0	U	5.0	0.75	ug/L			06/24/15 22:42	5
Tetrachloroethene	5.0	U	5.0	0.74	ug/L			06/24/15 22:42	5
Toluene	5.0	U	5.0	0.75	ug/L			06/24/15 22:42	5
Trichloroethene	74		5.0	0.72	ug/L			06/24/15 22:42	5
Vinyl chloride	5.0	U	5.0	1.1	ug/L			06/24/15 22:42	5
1,2-Dichlorobenzene	5.0	U	5.0	0.76	ug/L			06/24/15 22:42	5
cis-1,2-Dichloroethene	9.4		5.0	1.2	ug/L			06/24/15 22:42	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		58 - 135		06/24/15 22:42	5
4-Bromofluorobenzene (Surr)	94		62 - 123		06/24/15 22:42	5
Toluene-d8 (Surr)	95		71 - 118		06/24/15 22:42	5
Dibromofluoromethane (Surr)	107		64 - 128		06/24/15 22:42	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		06/22/15 09:11	06/25/15 20:40	1
Chromium	1.9	J	5.0	0.77	ug/L		06/22/15 09:11	06/25/15 20:40	1
Lead	1.2	J	10	1.2	ug/L		06/22/15 09:11	06/25/15 20:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	0.50		0.50	0.50	mg/L			06/23/15 11:32	1
pH	8.36	HF	0.100	0.100	SU			06/22/15 18:00	1

Client Sample ID: SW-18036-061815-005

Lab Sample ID: 180-45232-5

Date Collected: 06/18/15 10:00

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 02:11	1
Tetrachloroethene	10		1.0	0.15	ug/L			06/23/15 02:11	1
Toluene	0.16	J	1.0	0.15	ug/L			06/23/15 02:11	1
Trichloroethene	71	E	1.0	0.14	ug/L			06/23/15 02:11	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-005

Lab Sample ID: 180-45232-5

Date Collected: 06/18/15 10:00

Matrix: Water

Date Received: 06/19/15 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.1		1.0	0.23	ug/L			06/23/15 02:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 02:11	1
cis-1,2-Dichloroethene	31		1.0	0.24	ug/L			06/23/15 02:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		58 - 135					06/23/15 02:11	1
4-Bromofluorobenzene (Surr)	84		62 - 123					06/23/15 02:11	1
Toluene-d8 (Surr)	95		71 - 118					06/23/15 02:11	1
Dibromofluoromethane (Surr)	106		64 - 128					06/23/15 02:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	5.0	U	5.0	0.75	ug/L			06/24/15 23:06	5
Tetrachloroethene	7.8		5.0	0.74	ug/L			06/24/15 23:06	5
Toluene	5.0	U	5.0	0.75	ug/L			06/24/15 23:06	5
Trichloroethene	57		5.0	0.72	ug/L			06/24/15 23:06	5
Vinyl chloride	5.0	U	5.0	1.1	ug/L			06/24/15 23:06	5
1,2-Dichlorobenzene	5.0	U	5.0	0.76	ug/L			06/24/15 23:06	5
cis-1,2-Dichloroethene	26		5.0	1.2	ug/L			06/24/15 23:06	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		58 - 135					06/24/15 23:06	5
4-Bromofluorobenzene (Surr)	94		62 - 123					06/24/15 23:06	5
Toluene-d8 (Surr)	95		71 - 118					06/24/15 23:06	5
Dibromofluoromethane (Surr)	105		64 - 128					06/24/15 23:06	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		06/22/15 09:11	06/25/15 20:45	1
Chromium	5.5		5.0	0.77	ug/L		06/22/15 09:11	06/25/15 20:45	1
Lead	10	U	10	1.2	ug/L		06/22/15 09:11	06/25/15 20:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	36		0.50	0.50	mg/L			06/23/15 11:32	1
pH	11.4	HF	0.100	0.100	SU			06/22/15 18:02	1

Client Sample ID: SW-18036-061815-006

Lab Sample ID: 180-45232-6

Date Collected: 06/18/15 10:45

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 02:58	1
Tetrachloroethene	0.91	J	1.0	0.15	ug/L			06/23/15 02:58	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 02:58	1
Trichloroethene	130	E	1.0	0.14	ug/L			06/23/15 02:58	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 02:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 02:58	1
cis-1,2-Dichloroethene	16		1.0	0.24	ug/L			06/23/15 02:58	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-006

Lab Sample ID: 180-45232-6

Date Collected: 06/18/15 10:45

Matrix: Water

Date Received: 06/19/15 09:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		58 - 135		06/23/15 02:58	1
4-Bromofluorobenzene (Surr)	86		62 - 123		06/23/15 02:58	1
Toluene-d8 (Surr)	97		71 - 118		06/23/15 02:58	1
Dibromofluoromethane (Surr)	105		64 - 128		06/23/15 02:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	10	U	10	1.5	ug/L			06/24/15 23:30	10
Tetrachloroethene	10	U	10	1.5	ug/L			06/24/15 23:30	10
Toluene	10	U	10	1.5	ug/L			06/24/15 23:30	10
Trichloroethene	110		10	1.4	ug/L			06/24/15 23:30	10
Vinyl chloride	10	U	10	2.3	ug/L			06/24/15 23:30	10
1,2-Dichlorobenzene	10	U	10	1.5	ug/L			06/24/15 23:30	10
cis-1,2-Dichloroethene	10	U	10	2.4	ug/L			06/24/15 23:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		58 - 135		06/24/15 23:30	10
4-Bromofluorobenzene (Surr)	90		62 - 123		06/24/15 23:30	10
Toluene-d8 (Surr)	94		71 - 118		06/24/15 23:30	10
Dibromofluoromethane (Surr)	108		64 - 128		06/24/15 23:30	10

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		06/22/15 09:11	06/25/15 20:51	1
Chromium	5.6		5.0	0.77	ug/L		06/22/15 09:11	06/25/15 20:51	1
Lead	1.7	J	10	1.2	ug/L		06/22/15 09:11	06/25/15 20:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	33		0.50	0.50	mg/L			06/23/15 11:32	1
pH	8.96	HF	0.100	0.100	SU			06/22/15 18:04	1

Client Sample ID: SW-18036-061815-007

Lab Sample ID: 180-45232-7

Date Collected: 06/18/15 10:45

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 03:45	1
Tetrachloroethene	0.96	J	1.0	0.15	ug/L			06/23/15 03:45	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 03:45	1
Trichloroethene	120	E	1.0	0.14	ug/L			06/23/15 03:45	1
Vinyl chloride	0.90	J	1.0	0.23	ug/L			06/23/15 03:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 03:45	1
cis-1,2-Dichloroethene	16		1.0	0.24	ug/L			06/23/15 03:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		58 - 135		06/23/15 03:45	1
4-Bromofluorobenzene (Surr)	85		62 - 123		06/23/15 03:45	1
Toluene-d8 (Surr)	99		71 - 118		06/23/15 03:45	1
Dibromofluoromethane (Surr)	109		64 - 128		06/23/15 03:45	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-007

Lab Sample ID: 180-45232-7

Date Collected: 06/18/15 10:45

Matrix: Water

Date Received: 06/19/15 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	10	U	10	1.5	ug/L			06/24/15 23:53	10
Tetrachloroethene	10	U	10	1.5	ug/L			06/24/15 23:53	10
Toluene	10	U	10	1.5	ug/L			06/24/15 23:53	10
Trichloroethene	110		10	1.4	ug/L			06/24/15 23:53	10
Vinyl chloride	10	U	10	2.3	ug/L			06/24/15 23:53	10
1,2-Dichlorobenzene	10	U	10	1.5	ug/L			06/24/15 23:53	10
cis-1,2-Dichloroethene	14		10	2.4	ug/L			06/24/15 23:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		58 - 135		06/24/15 23:53	10
4-Bromofluorobenzene (Surr)	97		62 - 123		06/24/15 23:53	10
Toluene-d8 (Surr)	97		71 - 118		06/24/15 23:53	10
Dibromofluoromethane (Surr)	108		64 - 128		06/24/15 23:53	10

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		06/22/15 09:11	06/25/15 20:56	1
Chromium	5.8		5.0	0.77	ug/L		06/22/15 09:11	06/25/15 20:56	1
Lead	2.8	J	10	1.2	ug/L		06/22/15 09:11	06/25/15 20:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	24		0.50	0.50	mg/L			06/23/15 11:32	1
pH	8.94	HF	0.100	0.100	SU			06/22/15 18:06	1

Client Sample ID: SW-18036-061815-008

Lab Sample ID: 180-45232-8

Date Collected: 06/18/15 11:30

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 04:33	1
Tetrachloroethene	0.87	J	1.0	0.15	ug/L			06/23/15 04:33	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 04:33	1
Trichloroethene	590	E	1.0	0.14	ug/L			06/23/15 04:33	1
Vinyl chloride	0.44	J	1.0	0.23	ug/L			06/23/15 04:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 04:33	1
cis-1,2-Dichloroethene	58	E	1.0	0.24	ug/L			06/23/15 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		58 - 135		06/23/15 04:33	1
4-Bromofluorobenzene (Surr)	86		62 - 123		06/23/15 04:33	1
Toluene-d8 (Surr)	98		71 - 118		06/23/15 04:33	1
Dibromofluoromethane (Surr)	110		64 - 128		06/23/15 04:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	50	U	50	7.5	ug/L			06/25/15 00:17	50
Tetrachloroethene	50	U	50	7.4	ug/L			06/25/15 00:17	50
Toluene	50	U	50	7.5	ug/L			06/25/15 00:17	50
Trichloroethene	1300		50	7.2	ug/L			06/25/15 00:17	50

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-008

Lab Sample ID: 180-45232-8

Date Collected: 06/18/15 11:30

Matrix: Water

Date Received: 06/19/15 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	50	U	50	11	ug/L			06/25/15 00:17	50
1,2-Dichlorobenzene	50	U	50	7.6	ug/L			06/25/15 00:17	50
cis-1,2-Dichloroethene	73		50	12	ug/L			06/25/15 00:17	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		58 - 135		06/25/15 00:17	50
4-Bromofluorobenzene (Surr)	94		62 - 123		06/25/15 00:17	50
Toluene-d8 (Surr)	95		71 - 118		06/25/15 00:17	50
Dibromofluoromethane (Surr)	108		64 - 128		06/25/15 00:17	50

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		06/22/15 09:11	06/25/15 21:01	1
Chromium	0.88	J	5.0	0.77	ug/L		06/22/15 09:11	06/25/15 21:01	1
Lead	1.3	J	10	1.2	ug/L		06/22/15 09:11	06/25/15 21:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.2		0.50	0.50	mg/L			06/23/15 11:32	1
pH	7.93	HF	0.100	0.100	SU			06/22/15 18:08	1

Client Sample ID: SW-18036-061815-009

Lab Sample ID: 180-45232-9

Date Collected: 06/18/15 12:00

Matrix: Water

Date Received: 06/19/15 09:15

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			06/22/15 12:19	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/22/15 12:19	1
Toluene	1.0	U	1.0	0.15	ug/L			06/22/15 12:19	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/22/15 12:19	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/22/15 12:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/22/15 12:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/22/15 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		58 - 135		06/22/15 12:19	1
4-Bromofluorobenzene (Surr)	99		62 - 123		06/22/15 12:19	1
Toluene-d8 (Surr)	99		71 - 118		06/22/15 12:19	1
Dibromofluoromethane (Surr)	104		64 - 128		06/22/15 12:19	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		06/22/15 09:11	06/25/15 21:16	1
Chromium	3.9	J	5.0	0.77	ug/L		06/22/15 09:11	06/25/15 21:16	1
Lead	2.3	J	10	1.2	ug/L		06/22/15 09:11	06/25/15 21:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	330		2.0	2.0	mg/L			06/23/15 11:32	1
pH	7.68	HF	0.100	0.100	SU			06/22/15 18:10	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-010

Lab Sample ID: 180-45232-10

Date Collected: 06/18/15 13:00

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 11:59	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/23/15 11:59	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 11:59	1
Trichloroethene	0.60	J	1.0	0.14	ug/L			06/23/15 11:59	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 11:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 11:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 11:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		58 - 135		06/23/15 11:59	1
4-Bromofluorobenzene (Surr)	84		62 - 123		06/23/15 11:59	1
Toluene-d8 (Surr)	97		71 - 118		06/23/15 11:59	1
Dibromofluoromethane (Surr)	109		64 - 128		06/23/15 11:59	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		06/22/15 09:11	06/25/15 21:37	1
Chromium	7.5		5.0	0.77	ug/L		06/22/15 09:11	06/25/15 21:37	1
Lead	1.2	J	10	1.2	ug/L		06/22/15 09:11	06/25/15 21:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0		0.50	0.50	mg/L			06/23/15 11:32	1
pH	7.81	HF	0.100	0.100	SU			06/22/15 18:15	1

Client Sample ID: SW-18036-061815-011

Lab Sample ID: 180-45232-11

Date Collected: 06/18/15 13:30

Matrix: Water

Date Received: 06/19/15 09:15

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			06/23/15 06:08	1
Tetrachloroethene	2.4		1.0	0.15	ug/L			06/23/15 06:08	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 06:08	1
Trichloroethene	0.25	J	1.0	0.14	ug/L			06/23/15 06:08	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 06:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 06:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 06:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		58 - 135		06/23/15 06:08	1
4-Bromofluorobenzene (Surr)	84		62 - 123		06/23/15 06:08	1
Toluene-d8 (Surr)	93		71 - 118		06/23/15 06:08	1
Dibromofluoromethane (Surr)	111		64 - 128		06/23/15 06:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	2.3	J	5.0	0.13	ug/L		06/22/15 09:11	06/25/15 21:42	1
Chromium	5.0	U	5.0	0.77	ug/L		06/22/15 09:11	06/25/15 21:42	1
Lead	10	U	10	1.2	ug/L		06/22/15 09:11	06/25/15 21:42	1

TestAmerica Pittsburgh

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Client Sample ID: SW-18036-061815-011

Lab Sample ID: 180-45232-11

Date Collected: 06/18/15 13:30

Matrix: Water

Date Received: 06/19/15 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	3.2		0.50	0.50	mg/L			06/23/15 11:32	1
pH	7.71	HF	0.100	0.100	SU			06/22/15 18:17	1

Client Sample ID: TB-18036-061815-01

Lab Sample ID: 180-45232-12

Date Collected: 06/18/15 08:45

Matrix: Water

Date Received: 06/19/15 09:15

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			06/22/15 11:56	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/22/15 11:56	1
Toluene	1.0	U	1.0	0.15	ug/L			06/22/15 11:56	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/22/15 11:56	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/22/15 11:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/22/15 11:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/22/15 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		58 - 135		06/22/15 11:56	1
4-Bromofluorobenzene (Surr)	67		62 - 123		06/22/15 11:56	1
Toluene-d8 (Surr)	75		71 - 118		06/22/15 11:56	1
Dibromofluoromethane (Surr)	79		64 - 128		06/22/15 11:56	1

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

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

Lab Sample ID: MB 180-145690/33

Matrix: Water

Analysis Batch: 145690

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			06/22/15 22:36	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/22/15 22:36	1
Toluene	1.0	U	1.0	0.15	ug/L			06/22/15 22:36	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/22/15 22:36	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/22/15 22:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/22/15 22:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/22/15 22:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		58 - 135		06/22/15 22:36	1
4-Bromofluorobenzene (Surr)	85		62 - 123		06/22/15 22:36	1
Toluene-d8 (Surr)	94		71 - 118		06/22/15 22:36	1
Dibromofluoromethane (Surr)	110		64 - 128		06/22/15 22:36	1

Lab Sample ID: MB 180-145690/5

Matrix: Water

Analysis Batch: 145690

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			06/22/15 11:12	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/22/15 11:12	1
Toluene	1.0	U	1.0	0.15	ug/L			06/22/15 11:12	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/22/15 11:12	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/22/15 11:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/22/15 11:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/22/15 11:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 135		06/22/15 11:12	1
4-Bromofluorobenzene (Surr)	85		62 - 123		06/22/15 11:12	1
Toluene-d8 (Surr)	98		71 - 118		06/22/15 11:12	1
Dibromofluoromethane (Surr)	95		64 - 128		06/22/15 11:12	1

Lab Sample ID: LCS 180-145690/1002

Matrix: Water

Analysis Batch: 145690

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	7.25		ug/L		72	60 - 140
Tetrachloroethene	10.0	9.47		ug/L		95	73 - 127
Toluene	10.0	9.56		ug/L		96	74 - 126
Trichloroethene	10.0	8.52		ug/L		85	73 - 125
Vinyl chloride	10.0	9.49		ug/L		95	30 - 140
1,2-Dichlorobenzene	10.0	9.21		ug/L		92	68 - 127
cis-1,2-Dichloroethene	10.0	8.35		ug/L		83	69 - 127

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

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

Lab Sample ID: LCS 180-145690/1002
Matrix: Water
Analysis Batch: 145690

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

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	84		58 - 135
4-Bromofluorobenzene (Surr)	112		62 - 123
Toluene-d8 (Surr)	97		71 - 118
Dibromofluoromethane (Surr)	87		64 - 128

Lab Sample ID: 180-45232-9 MS
Matrix: Water
Analysis Batch: 145690

Client Sample ID: SW-18036-061815-009
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Methylene Chloride	1.0	U	10.0	6.79		ug/L		68	60 - 140
Tetrachloroethene	1.0	U	10.0	9.11		ug/L		91	73 - 127
Toluene	1.0	U	10.0	9.10		ug/L		91	74 - 126
Trichloroethene	1.0	U	10.0	8.53		ug/L		85	73 - 125
Vinyl chloride	1.0	U	10.0	9.11		ug/L		91	30 - 140
1,2-Dichlorobenzene	1.0	U	10.0	9.09		ug/L		91	68 - 127
cis-1,2-Dichloroethene	1.0	U	10.0	8.41		ug/L		84	69 - 127

Surrogate	MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	88		58 - 135
4-Bromofluorobenzene (Surr)	94		62 - 123
Toluene-d8 (Surr)	95		71 - 118
Dibromofluoromethane (Surr)	91		64 - 128

Lab Sample ID: 180-45232-9 MSD
Matrix: Water
Analysis Batch: 145690

Client Sample ID: SW-18036-061815-009
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Methylene Chloride	1.0	U	10.0	7.36		ug/L		74	60 - 140	8	25
Tetrachloroethene	1.0	U	10.0	8.97		ug/L		90	73 - 127	2	25
Toluene	1.0	U	10.0	9.16		ug/L		92	74 - 126	1	25
Trichloroethene	1.0	U	10.0	8.75		ug/L		87	73 - 125	3	25
Vinyl chloride	1.0	U	10.0	9.03		ug/L		90	30 - 140	1	35
1,2-Dichlorobenzene	1.0	U	10.0	9.15		ug/L		91	68 - 127	1	35
cis-1,2-Dichloroethene	1.0	U	10.0	8.70		ug/L		87	69 - 127	3	20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		58 - 135
4-Bromofluorobenzene (Surr)	97		62 - 123
Toluene-d8 (Surr)	95		71 - 118
Dibromofluoromethane (Surr)	92		64 - 128

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

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

Lab Sample ID: MB 180-145806/5

Matrix: Water

Analysis Batch: 145806

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			06/23/15 10:33	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/23/15 10:33	1
Toluene	1.0	U	1.0	0.15	ug/L			06/23/15 10:33	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/23/15 10:33	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/23/15 10:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/23/15 10:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/15 10:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		58 - 135		06/23/15 10:33	1
4-Bromofluorobenzene (Surr)	80		62 - 123		06/23/15 10:33	1
Toluene-d8 (Surr)	98		71 - 118		06/23/15 10:33	1
Dibromofluoromethane (Surr)	101		64 - 128		06/23/15 10:33	1

Lab Sample ID: LCS 180-145806/1003

Matrix: Water

Analysis Batch: 145806

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	8.99		ug/L		90	60 - 140
Tetrachloroethene	10.0	8.84		ug/L		88	73 - 127
Toluene	10.0	9.27		ug/L		93	74 - 126
Trichloroethene	10.0	8.15		ug/L		81	73 - 125
Vinyl chloride	10.0	8.55		ug/L		85	30 - 140
1,2-Dichlorobenzene	10.0	9.17		ug/L		92	68 - 127
cis-1,2-Dichloroethene	10.0	8.34		ug/L		83	69 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		58 - 135
4-Bromofluorobenzene (Surr)	102		62 - 123
Toluene-d8 (Surr)	100		71 - 118
Dibromofluoromethane (Surr)	98		64 - 128

Lab Sample ID: 180-45232-10 MS

Matrix: Water

Analysis Batch: 145806

Client Sample ID: SW-18036-061815-010

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	1.0	U	10.0	7.32		ug/L		73	60 - 140
Tetrachloroethene	1.0	U	10.0	9.50		ug/L		95	73 - 127
Toluene	1.0	U	10.0	9.81		ug/L		98	74 - 126
Trichloroethene	0.60	J	10.0	8.99		ug/L		84	73 - 125
Vinyl chloride	1.0	U	10.0	10.1		ug/L		101	30 - 140
1,2-Dichlorobenzene	1.0	U	10.0	9.81		ug/L		98	68 - 127
cis-1,2-Dichloroethene	1.0	U	10.0	9.54		ug/L		95	69 - 127

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

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

Lab Sample ID: 180-45232-10 MS
Matrix: Water
Analysis Batch: 145806

Client Sample ID: SW-18036-061815-010
Prep Type: Total/NA

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	87		58 - 135
4-Bromofluorobenzene (Surr)	96		62 - 123
Toluene-d8 (Surr)	99		71 - 118
Dibromofluoromethane (Surr)	93		64 - 128

Lab Sample ID: MB 180-145954/26
Matrix: Water
Analysis Batch: 145954

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methylene Chloride	1.0	U	1.0	0.15	ug/L			06/24/15 20:43	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/24/15 20:43	1
Toluene	1.0	U	1.0	0.15	ug/L			06/24/15 20:43	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/24/15 20:43	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			06/24/15 20:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/24/15 20:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/15 20:43	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		58 - 135		06/24/15 20:43	1
4-Bromofluorobenzene (Surr)	92		62 - 123		06/24/15 20:43	1
Toluene-d8 (Surr)	98		71 - 118		06/24/15 20:43	1
Dibromofluoromethane (Surr)	106		64 - 128		06/24/15 20:43	1

Lab Sample ID: LCS 180-145954/1003
Matrix: Water
Analysis Batch: 145954

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	10.3		ug/L		103	73 - 127
Toluene	10.0	10.5		ug/L		105	74 - 126
Trichloroethene	10.0	9.27		ug/L		93	73 - 125
Vinyl chloride	10.0	10.1		ug/L		101	30 - 140
1,2-Dichlorobenzene	10.0	9.56		ug/L		96	68 - 127
cis-1,2-Dichloroethene	10.0	9.85		ug/L		99	69 - 127

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		58 - 135
4-Bromofluorobenzene (Surr)	104		62 - 123
Toluene-d8 (Surr)	104		71 - 118
Dibromofluoromethane (Surr)	95		64 - 128

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

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

Lab Sample ID: 180-45216-B-4 MS

Matrix: Water

Analysis Batch: 145954

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Methylene Chloride	1.0	U	10.0	7.42		ug/L		74	60 - 140
Tetrachloroethene	0.71	J	10.0	9.93		ug/L		92	73 - 127
Toluene	1.0	U	10.0	9.78		ug/L		98	74 - 126
Trichloroethene	0.25	J	10.0	9.45		ug/L		92	73 - 125
Vinyl chloride	1.0	U	10.0	10.2		ug/L		102	30 - 140
1,2-Dichlorobenzene	1.0	U	10.0	9.34		ug/L		93	68 - 127
cis-1,2-Dichloroethene			10.0	10.2		ug/L			

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		58 - 135
4-Bromofluorobenzene (Surr)	96		62 - 123
Toluene-d8 (Surr)	101		71 - 118
Dibromofluoromethane (Surr)	97		64 - 128

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-145713/1-A

Matrix: Water

Analysis Batch: 146160

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 145713

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cadmium	5.0	U	5.0	0.13	ug/L		06/22/15 09:11	06/25/15 19:49	1
Chromium	5.0	U	5.0	0.77	ug/L		06/22/15 09:11	06/25/15 19:49	1
Lead	10	U	10	1.2	ug/L		06/22/15 09:11	06/25/15 19:49	1

Lab Sample ID: LCS 180-145713/2-A

Matrix: Water

Analysis Batch: 146160

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 145713

Analyte	Spike	LCS LCS		Unit	D	%Rec	%Rec.
		Result	Qualifier				
Cadmium	50.0	48.8		ug/L		98	85 - 115
Chromium	200	196		ug/L		98	85 - 115
Lead	500	487		ug/L		97	85 - 115

Lab Sample ID: 180-45232-1 MS

Matrix: Water

Analysis Batch: 146160

Client Sample ID: SW-18036-061815-001

Prep Type: Total Recoverable

Prep Batch: 145713

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Cadmium	5.0	U	50.0	51.7		ug/L		103	70 - 130
Chromium	5.0	U	200	197		ug/L		99	70 - 130
Lead	10	U	500	501		ug/L		100	70 - 130

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 180-45232-1 MSD
Matrix: Water
Analysis Batch: 146160

Client Sample ID: SW-18036-061815-001
Prep Type: Total Recoverable
Prep Batch: 145713

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Cadmium	5.0	U	50.0	51.8		ug/L		104	70 - 130	0	20
Chromium	5.0	U	200	199		ug/L		99	70 - 130	1	20
Lead	10	U	500	504		ug/L		101	70 - 130	0	20

Lab Sample ID: 180-45232-9 MS
Matrix: Water
Analysis Batch: 146160

Client Sample ID: SW-18036-061815-009
Prep Type: Total Recoverable
Prep Batch: 145713

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Cadmium	5.0	U	50.0	51.2		ug/L		102	70 - 130		
Chromium	3.9	J	200	210		ug/L		103	70 - 130		
Lead	2.3	J	500	525		ug/L		105	70 - 130		

Lab Sample ID: 180-45232-9 MSD
Matrix: Water
Analysis Batch: 146160

Client Sample ID: SW-18036-061815-009
Prep Type: Total Recoverable
Prep Batch: 145713

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Cadmium	5.0	U	50.0	51.0		ug/L		102	70 - 130	0	20
Chromium	3.9	J	200	208		ug/L		102	70 - 130	1	20
Lead	2.3	J	500	512		ug/L		102	70 - 130	3	20

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

Lab Sample ID: MB 180-145867/2
Matrix: Water
Analysis Batch: 145867

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	0.50	U	0.50	0.50	mg/L			06/23/15 11:32	1

Lab Sample ID: LCS 180-145867/1
Matrix: Water
Analysis Batch: 145867

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
							Added
Total Suspended Solids	68.0	68.0		mg/L		100	80 - 120

Lab Sample ID: 180-45232-9 DU
Matrix: Water
Analysis Batch: 145867

Client Sample ID: SW-18036-061815-009
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Suspended Solids	330		347		mg/L		6	10

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

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

Lab Sample ID: 180-45248-A-2 DU
Matrix: Water
Analysis Batch: 145867

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	2.0		2.40	F5	mg/L		18	10

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-145780/1
Matrix: Water
Analysis Batch: 145780

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.970		SU		100	99 - 101

Lab Sample ID: 180-45232-1 DU
Matrix: Water
Analysis Batch: 145780

Client Sample ID: SW-18036-061815-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.12	HF	8.130		SU		0.1	2

Lab Sample ID: 180-45232-9 DU
Matrix: Water
Analysis Batch: 145780

Client Sample ID: SW-18036-061815-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.68	HF	7.650	HF	SU		0.4	2

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

GC/MS VOA

Analysis Batch: 145690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45232-1	SW-18036-061815-001	Total/NA	Water	624	
180-45232-2	SW-18036-061815-002	Total/NA	Water	624	
180-45232-3	SW-18036-061815-003	Total/NA	Water	624	
180-45232-4	SW-18036-061815-004	Total/NA	Water	624	
180-45232-5	SW-18036-061815-005	Total/NA	Water	624	
180-45232-6	SW-18036-061815-006	Total/NA	Water	624	
180-45232-7	SW-18036-061815-007	Total/NA	Water	624	
180-45232-8	SW-18036-061815-008	Total/NA	Water	624	
180-45232-9	SW-18036-061815-009	Total/NA	Water	624	
180-45232-9 MS	SW-18036-061815-009	Total/NA	Water	624	
180-45232-9 MSD	SW-18036-061815-009	Total/NA	Water	624	
180-45232-11	SW-18036-061815-011	Total/NA	Water	624	
180-45232-12	TB-18036-061815-01	Total/NA	Water	624	
LCS 180-145690/1002	Lab Control Sample	Total/NA	Water	624	
MB 180-145690/33	Method Blank	Total/NA	Water	624	
MB 180-145690/5	Method Blank	Total/NA	Water	624	

Analysis Batch: 145806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45232-3 - DL	SW-18036-061815-003	Total/NA	Water	624	
180-45232-10	SW-18036-061815-010	Total/NA	Water	624	
180-45232-10 MS	SW-18036-061815-010	Total/NA	Water	624	
LCS 180-145806/1003	Lab Control Sample	Total/NA	Water	624	
MB 180-145806/5	Method Blank	Total/NA	Water	624	

Analysis Batch: 145954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45216-B-4 MS	Matrix Spike	Total/NA	Water	624	
180-45232-4 - DL	SW-18036-061815-004	Total/NA	Water	624	
180-45232-5 - DL	SW-18036-061815-005	Total/NA	Water	624	
180-45232-6 - DL	SW-18036-061815-006	Total/NA	Water	624	
180-45232-7 - DL	SW-18036-061815-007	Total/NA	Water	624	
180-45232-8 - DL	SW-18036-061815-008	Total/NA	Water	624	
LCS 180-145954/1003	Lab Control Sample	Total/NA	Water	624	
MB 180-145954/26	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 145713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45232-1	SW-18036-061815-001	Total Recoverable	Water	200.7	
180-45232-1 MS	SW-18036-061815-001	Total Recoverable	Water	200.7	
180-45232-1 MSD	SW-18036-061815-001	Total Recoverable	Water	200.7	
180-45232-2	SW-18036-061815-002	Total Recoverable	Water	200.7	
180-45232-3	SW-18036-061815-003	Total Recoverable	Water	200.7	
180-45232-4	SW-18036-061815-004	Total Recoverable	Water	200.7	
180-45232-5	SW-18036-061815-005	Total Recoverable	Water	200.7	
180-45232-6	SW-18036-061815-006	Total Recoverable	Water	200.7	
180-45232-7	SW-18036-061815-007	Total Recoverable	Water	200.7	
180-45232-8	SW-18036-061815-008	Total Recoverable	Water	200.7	

TestAmerica Pittsburgh

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

Metals (Continued)

Prep Batch: 145713 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45232-9	SW-18036-061815-009	Total Recoverable	Water	200.7	
180-45232-9 MS	SW-18036-061815-009	Total Recoverable	Water	200.7	
180-45232-9 MSD	SW-18036-061815-009	Total Recoverable	Water	200.7	
180-45232-10	SW-18036-061815-010	Total Recoverable	Water	200.7	
180-45232-11	SW-18036-061815-011	Total Recoverable	Water	200.7	
LCS 180-145713/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-145713/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 146160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45232-1	SW-18036-061815-001	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-1 MS	SW-18036-061815-001	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-1 MSD	SW-18036-061815-001	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-2	SW-18036-061815-002	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-3	SW-18036-061815-003	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-4	SW-18036-061815-004	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-5	SW-18036-061815-005	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-6	SW-18036-061815-006	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-7	SW-18036-061815-007	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-8	SW-18036-061815-008	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-9	SW-18036-061815-009	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-9 MS	SW-18036-061815-009	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-9 MSD	SW-18036-061815-009	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-10	SW-18036-061815-010	Total Recoverable	Water	200.7 Rev 4.4	145713
180-45232-11	SW-18036-061815-011	Total Recoverable	Water	200.7 Rev 4.4	145713
LCS 180-145713/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	145713
MB 180-145713/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	145713

General Chemistry

Analysis Batch: 145780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45232-1	SW-18036-061815-001	Total/NA	Water	SM 4500 H+ B	
180-45232-1 DU	SW-18036-061815-001	Total/NA	Water	SM 4500 H+ B	
180-45232-2	SW-18036-061815-002	Total/NA	Water	SM 4500 H+ B	
180-45232-3	SW-18036-061815-003	Total/NA	Water	SM 4500 H+ B	
180-45232-4	SW-18036-061815-004	Total/NA	Water	SM 4500 H+ B	
180-45232-5	SW-18036-061815-005	Total/NA	Water	SM 4500 H+ B	
180-45232-6	SW-18036-061815-006	Total/NA	Water	SM 4500 H+ B	
180-45232-7	SW-18036-061815-007	Total/NA	Water	SM 4500 H+ B	
180-45232-8	SW-18036-061815-008	Total/NA	Water	SM 4500 H+ B	
180-45232-9	SW-18036-061815-009	Total/NA	Water	SM 4500 H+ B	
180-45232-9 DU	SW-18036-061815-009	Total/NA	Water	SM 4500 H+ B	
180-45232-10	SW-18036-061815-010	Total/NA	Water	SM 4500 H+ B	
180-45232-11	SW-18036-061815-011	Total/NA	Water	SM 4500 H+ B	
LCS 180-145780/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 145867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45232-1	SW-18036-061815-001	Total/NA	Water	SM 2540D	

TestAmerica Pittsburgh

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-45232-1

General Chemistry (Continued)

Analysis Batch: 145867 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-45232-2	SW-18036-061815-002	Total/NA	Water	SM 2540D	
180-45232-3	SW-18036-061815-003	Total/NA	Water	SM 2540D	
180-45232-4	SW-18036-061815-004	Total/NA	Water	SM 2540D	
180-45232-5	SW-18036-061815-005	Total/NA	Water	SM 2540D	
180-45232-6	SW-18036-061815-006	Total/NA	Water	SM 2540D	
180-45232-7	SW-18036-061815-007	Total/NA	Water	SM 2540D	
180-45232-8	SW-18036-061815-008	Total/NA	Water	SM 2540D	
180-45232-9	SW-18036-061815-009	Total/NA	Water	SM 2540D	
180-45232-9 DU	SW-18036-061815-009	Total/NA	Water	SM 2540D	
180-45232-10	SW-18036-061815-010	Total/NA	Water	SM 2540D	
180-45232-11	SW-18036-061815-011	Total/NA	Water	SM 2540D	
180-45248-A-2 DU	Duplicate	Total/NA	Water	SM 2540D	
LCS 180-145867/1	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 180-145867/2	Method Blank	Total/NA	Water	SM 2540D	



CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

COC NO: 48805

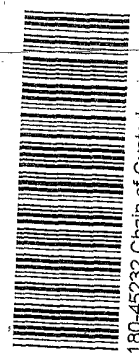
PAGE 1 OF 1

(See Reverse Side for Instructions)

Address: 2855 Niagara Falls Blvd Niagara Falls, NY

Phone: 716-297-6150 Fax: 716-297-2265

Project No/Phase/Task Code: 18036		Laboratory Name: Test America		Lab Location: Pittsburgh		SSOW ID: 1							
Project Name: Buffalo Airport Crackerly Sewer Sampling		Lab Contact: Jill Calussy		Lab Quote No: 18006817		Cooler No: 2 coolers							
Project Location: Cheektowage, NY		CONTAINER QUANTITY & PRESERVATION		ANALYSIS REQUESTED (See Back of COC for Definitions)		Carrier: FedEx							
Chemistry Contact: Sue Srocchi		SAMPLER TYPE		Total Containers/Sample		Airbill No: 1							
Sampler(s): Kevin Lynch; Doug Oscar		Matrix Code (see back of COC)		Other:		Date Shipped: 6/18/15							
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)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO3)	Sulfuric Acid (H2SO4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	Encores 3x5-g, 1x25-g	M/MSD Request	COMMENTS/SPECIAL INSTRUCTIONS:
1	SW-18036-061815-001	6/18/15	0845	WS	3	3	1						TSS = 2x 12 bottles each sample
2	SW-18036-061815-002		0915	WS	3	3	1						
3	SW-18036-061815-003		0945	WS	3	3	1						
4	SW-18036-061815-004		1015	WS	3	3	1						
5	SW-18036-061815-005		1000	WS	3	3	1						
6	SW-18036-061815-006		1045	WS	3	3	1						
7	SW-18036-061815-007		1045	WS	3	3	1						
8	SW-18036-061815-008		1130	WS	3	3	1						
9	SW-18036-061815-009		1200	WS	9	9	3						
10	SW-18036-061815-010		1300	WS	3	3	1						
11	SW-18036-061815-011		1300	WS	3	3	1						
12	TB-18036-061815-01		-	TB	-	2	2						
13													
14	Temp blank each cooler												
15													



180-45232 Chain of Custody

Notes/Special Requirements:
Field pH also measured

Total Number of Containers: 93
All Samples in Cooler must be on COC

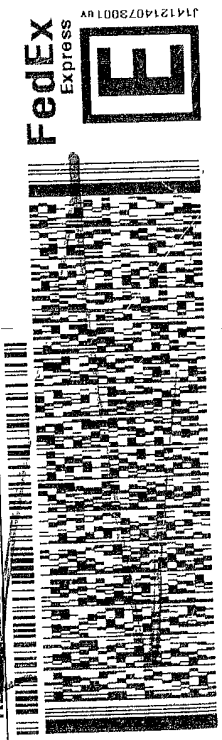
RELINQUISHED BY	DATE	COMPANY	RECEIVED BY	DATE	COMPANY
<i>[Signature]</i>	6/18/15	CRA	<i>[Signature]</i>	6/19/15	TAP

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

ORIGIN ID:DKKA (716) 287-2160
BRITT GEBHARDT
CRA SERVICES
2055 NIAGARA FALLS BLVD
NIAGARA FALLS, NY 14304
UNITED STATES US

TO SAMPLE CUSTODIAN
TEST AMERICA
301 ALPHA DRIVE

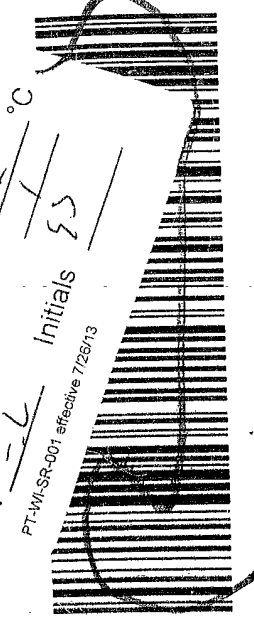
PITTSBURGH PA 152381330
(412) 963-7058
REF: 018036 - 2014 GEB (OSCAR)



FRI - 19 JUN 10:30A
PRIORITY OVERNIGHT

2 of 3
MPS# 5849 9435 5250
Mstr# 5849 9 5249

NA
Uncorrected temp 32 °C
Thermometer ID PA-US PIT



RT 197 1 A
10:30 5250
199 06.19

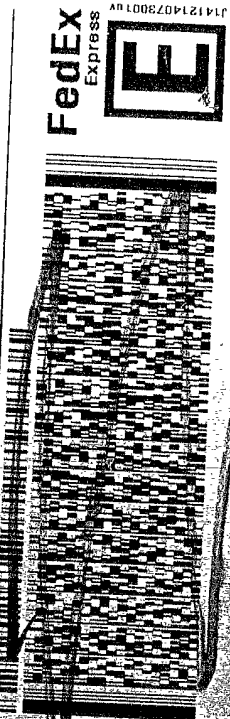
SHIP DATE: 18 JUN 15
ACTWT: 50.0 LB MAN
CAD: 68417/CAFE2807

BILL THIRD PARTY

521C1/BA0E/6F03



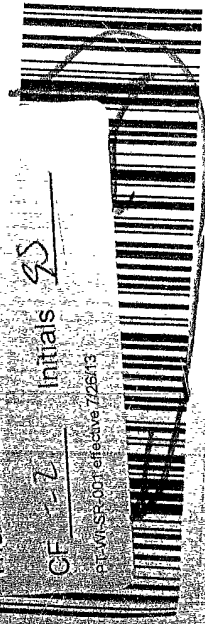
PITTSBURGH PA 152381330
(412) 963-7058
REF: 018036 - 2014 GEB (OSCAR)



FRI - 19 JUN 10:30A
PRIORITY OVERNIGHT

3 of 3
MPS# 5849 9435 5260
Mstr# 5849 9435 5249

NA AGGA
Uncorrected temp 4.5 °C
Thermometer ID PA-US PIT



RT 197 1 A
10:30 5260
199 06.19

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-45232-1

Login Number: 45232

List Number: 1

Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ATTACHMENT C
DATA VALIDATION AND USABILITY EVALUATION
JUNE 2015 GROUNDWATER AND SURFACE WATER SAMPLING



Memorandum

To: Leo Brausch [lbrausch@consolidated.net], Jim Kay Ref. No.: 018036

From: Paul McMahon/adh/3 *pm* Date: July 27, 2015

cc: Kevin Lynch

**Re: Analytical Results and Reduced Validation
Groundwater and Surface Water Monitoring Program
CBS Corporation Airport Site – Cheektowaga, New York
June 2015**

1. Introduction

The following document details a reduced validation of analytical results for surface water and groundwater samples collected at the Cheektowaga, New York Site on June 18, 2015. Samples were submitted to TestAmerica Laboratories, Inc. (TA), located in Pittsburgh, Pennsylvania. A sample collection and analysis summary is presented in Table 1. A summary of the analytical methodology is presented in Table 2.

Standard GHD deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, duplicate data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes (MS); and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 2 and applicable guidance from the documents entitled:

- i) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review", United States Environmental Protection Agency (USEPA) 540 R 10 011, January 2010
- ii) "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", USEPA 540 R 08 01, June 2008
- iii) "Groundwater and Surface Water Monitoring Program Quality Assurance Project Plan", September 2014

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 2. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times except pH. pH is a field parameter, and the associated laboratory results were qualified as estimated (see Table 3).

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria.

5. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

5.1 Organic Analyses

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

5.2 Inorganic Analyses

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparatory procedures, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1. The laboratory performed additional site-specific MS/MSD analyses internally.

6.1 Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

6.2 Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision.

7. Duplicate Sample Analyses – Inorganic Analyses

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory as specified in Table 1. The laboratory performed additional site-specific duplicate analyses internally. The duplicate results were evaluated per the "Guidelines". All duplicate analyses performed were acceptable, demonstrating acceptable analytical precision.

8. Field QA/QC Samples

The field QA/QC consisted of two trip blank samples and two field duplicate sample sets.

8.1 Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

8.2 Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, two field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is one times the PQL value.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

9. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the report limit (RL) but greater than the MDL were qualified as estimated (J) unless qualified otherwise in this memorandum.

10. Conclusion

Based on the assessment detailed in the foregoing, the data are acceptable with the noted qualifications. These qualifications have been applied to the electronic files provided by the laboratory.

Table 1

Sample Collection and Analysis Summary
Groundwater and Surface Water Monitoring Program
CBS Corporation Airport Site
Cheektowaga, New York
June 2015

Sample ID	Location ID	Collection Date (mm/dd/yy)	Collection Time (hr:min)	Analysis/Parameters			Comments
				VOCs	Metals	pH/TSS	
Surface Water							
SW-18036-061815-001	1B	06/18/2015	8:45	X	X	X	
SW-18036-061815-002	1C	06/18/2015	9:15	X	X	X	
SW-18036-061815-003	2C	06/18/2015	9:45	X	X	X	
SW-18036-061815-004	2A	06/18/2015	10:15	X	X	X	
SW-18036-061815-005	2B	06/18/2015	10:00	X	X	X	
SW-18036-061815-006	3A	06/18/2015	10:45	X	X	X	
SW-18036-061815-007	3A	06/18/2015	10:45	X	X	X	Duplicate of SW-18036-061815-006
SW-18036-061815-008	2D	06/18/2015	11:30	X	X	X	
SW-18036-061815-009	3C	06/18/2015	12:00	X	X	X	MS/MSD/DUP
SW-18036-061815-010	3B	06/18/2015	13:00	X	X	X	
SW-18036-061815-011	1A	06/18/2015	13:45	X	X	X	
TB-18036-061815-01	-	06/18/2015	-	X			Trip Blank
Groundwater							
WG-18036-061815-DJT-001	MW-34D	06/18/2015	9:40	X	X		MS/MSD
WG-18036-061815-SG-002	MW-34	06/18/2015	9:20	X	X		
WG-18036-061815-DJT-003	MW-30	06/18/2015	10:30	X	X		
WG-18036-061815-SG-004	MW-35	06/18/2015	10:10	X	X		
WG-18036-061815-SG-006	MW-35	06/18/2015	10:10	X	X		Duplicate of WG-18036-061815-SG-004
WG-18036-061815-DJT-005	MW-33	06/18/2015	11:30	X	X		
WG-18036-061815-DJT-007	MW-32	06/18/2015	12:30	X	X		
WG-18036-061815-SG-008	MW-2	06/18/2015	11:30	X	X		
WG-18036-061815-SG-009	MW-5	06/18/2015	13:40	X	X		
WG-18036-061815-SG-010	MW-28	06/18/2015	12:20	X	X		
WG-18036-061815-SG-011	MW-31	06/18/2015	14:35	X	X		
TB-18036-061815-DJT	-	06/18/2015	-	X			

Notes:

- - Not applicable
- DUP - Laboratory Duplicate
- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- VOCs - Volatile Organic Compounds
- TSS - Total Suspended Solids

Table 2

Sample Holding Time Criteria and Analytical Method Summary
Groundwater and Surface Water Monitoring Program
CBS Corporation Airport Site
Cheektowaga, New York
June 2015

Parameter	Matrix	Analytical Method	Collection to Analysis
Total Metals	Water	200.7 ⁽¹⁾	180 Days
Volatile Organic Compounds	Water	624 ⁽²⁾	14 Days
pH	Water	SM 4500 H+ B ⁽³⁾	Immediate
Total Suspended Solids	Water	SM 2540D ⁽³⁾	7 Days

Notes:

- (1) - Referenced from "Methods for the Chemical Analysis of Water and Wastes", (MCAWW), USEPA-600/4-79-020, March 1983 and subsequent revisions
- (2) - Referenced from "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", USEPA-600/4-82-057, July 1982 and subsequent revisions
- (3) - "Standard Methods for the Examination of Water and Wastewater", 20th Edition, 1999 (with subsequent revisions)

Table 3

**Qualified Sample Results Due to Holding Time Exceedances
Groundwater and Surface Water Monitoring Program
CBS Corporation Airport Site
Cheektowaga, New York
June 2015**

Parameter	Holding Time	Holding Time Criteria	Sample ID	Qualified Sample Results	Units
pH	4 days	15 minutes	SW-18036-061815-001	8.12 J	S.U.
			SW-18036-061815-002	8.08 J	S.U.
			SW-18036-061815-003	11.5 J	S.U.
			SW-18036-061815-004	8.36 J	S.U.
			SW-18036-061815-005	11.4 J	S.U.
			SW-18036-061815-006	8.96 J	S.U.
			SW-18036-061815-007	8.94 J	S.U.
			SW-18036-061815-008	7.93 J	S.U.
			SW-18036-061815-009	7.68 J	S.U.
			SW-18036-061815-010	7.81 J	S.U.
			SW-18036-061815-011	7.71 J	S.U.

Notes:

- J - Estimated concentration
S.U. - Standard Units